

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141482.D
 Acq On : 06 Feb 2025 16:09
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

Quant Time: Feb 06 17:28:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	90709	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	364332	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	204258	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	356168	20.000	ng	0.00
76) Chrysene-d12	13.962	240	252550	20.000	ng	0.00
86) Perylene-d12	15.415	264	198967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	570014	98.517	ng	0.01
7) Phenol-d6	6.428	99	713721	97.597	ng	-0.01
23) Nitrobenzene-d5	7.357	82	702389	100.555	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	203516	99.186	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1318685	99.464	ng	0.00
79) Terphenyl-d14	12.904	244	1547747	103.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	100766	43.271	ng	99
3) Pyridine	3.322	79	235971	42.583	ng	99
4) n-Nitrosodimethylamine	3.275	42	170010	46.333	ng	100
6) Aniline	6.451	93	280859	40.942	ng	97
8) 2-Chlorophenol	6.575	128	300546	48.072	ng	99
9) Benzaldehyde	6.339	77	226799	58.361	ng	99
10) Phenol	6.445	94	361375	47.478	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	275727	48.229	ng	99
12) 1,3-Dichlorobenzene	6.728	146	304899	46.194	ng	99
13) 1,4-Dichlorobenzene	6.804	146	312718	46.372	ng	100
14) 1,2-Dichlorobenzene	6.957	146	296605	47.389	ng	99
15) Benzyl Alcohol	6.933	79	269173	47.998	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458672	46.868	ng	81
17) 2-Methylphenol	7.051	107	236594	48.358	ng	98
18) Hexachloroethane	7.298	117	119135	47.735	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	209891	47.982	ng	98
20) 3+4-Methylphenols	7.204	107	304715	49.008	ng	96
22) Acetophenone	7.198	105	452689	49.949	ng	100
24) Nitrobenzene	7.375	77	318680	46.787	ng	99
25) Isophorone	7.610	82	567152	50.922	ng	100
26) 2-Nitrophenol	7.686	139	161103	47.540	ng	98
27) 2,4-Dimethylphenol	7.728	122	241992	61.127	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	343447	48.124	ng	99
29) 2,4-Dichlorophenol	7.933	162	254473	47.575	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	266587	45.767	ng	98
31) Naphthalene	8.092	128	863691	45.542	ng	100
32) Benzoic acid	7.869	122	207337	50.422	ng	99
33) 4-Chloroaniline	8.145	127	199696	30.159	ng	98
34) Hexachlorobutadiene	8.210	225	163704	46.815	ng	99
35) Caprolactam	8.516	113	90563m	55.608	ng	
36) 4-Chloro-3-methylphenol	8.633	107	284217	47.968	ng	100
37) 2-Methylnaphthalene	8.786	142	553345	44.838	ng	100
38) 1-Methylnaphthalene	8.880	142	540303	45.204	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	294427	49.823	ng	98
41) Hexachlorocyclopentadiene	8.939	237	328641	167.203	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	184199	48.228	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141482.D
 Acq On : 06 Feb 2025 16:09
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 17:28:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

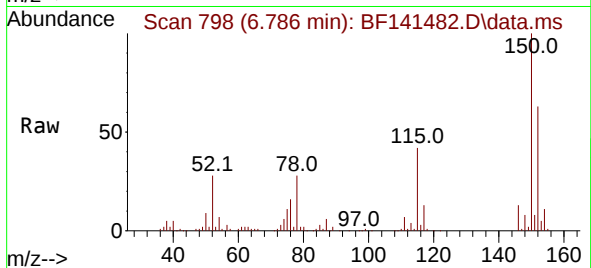
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	195510	47.233	ng	98
46) 1,1'-Biphenyl	9.251	154	809561	51.122	ng	99
47) 2-Chloronaphthalene	9.275	162	549733	46.945	ng	99
48) 2-Nitroaniline	9.374	65	188822	48.047	ng	99
49) Acenaphthylene	9.692	152	861198	49.445	ng	99
50) Dimethylphthalate	9.557	163	657316	47.403	ng	100
51) 2,6-Dinitrotoluene	9.616	165	145418	47.972	ng	98
52) Acenaphthene	9.863	154	556564	47.531	ng	99
53) 3-Nitroaniline	9.786	138	92029	28.207	ng	99
54) 2,4-Dinitrophenol	9.898	184	192504	106.852	ng	95
55) Dibenzofuran	10.033	168	778233	45.279	ng	99
56) 4-Nitrophenol	9.963	139	252242	104.148	ng	99
57) 2,4-Dinitrotoluene	10.022	165	204086	50.574	ng	100
58) Fluorene	10.380	166	623639	46.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	172657	48.449	ng	98
60) Diethylphthalate	10.257	149	641660	47.032	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	299014	46.770	ng	99
62) 4-Nitroaniline	10.404	138	152415	46.007	ng	99
63) Azobenzene	10.533	77	624528	46.047	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	117371	47.439	ng	97
66) n-Nitrosodiphenylamine	10.492	169	541228	47.471	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	186193	46.775	ng	99
68) Hexachlorobenzene	10.927	284	198890	48.522	ng	99
69) Atrazine	11.021	200	213623	62.456	ng	99
70) Pentachlorophenol	11.127	266	251321	95.888	ng	99
71) Phenanthrene	11.339	178	925505	47.206	ng	99
72) Anthracene	11.392	178	966105	49.020	ng	100
73) Carbazole	11.551	167	841691	47.464	ng	100
74) Di-n-butylphthalate	11.880	149	979522	47.838	ng	100
75) Fluoranthene	12.527	202	982157	47.252	ng	100
77) Benzidine	12.651	184	357554	64.195	ng	99
78) Pyrene	12.757	202	1010616	47.008	ng	100
80) Butylbenzylphthalate	13.380	149	379285	50.934	ng	100
81) Benzo(a)anthracene	13.951	228	811273	48.325	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	175065	36.404	ng	100
83) Chrysene	13.986	228	737272	47.563	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	458061	54.540	ng	100
85) Di-n-octyl phthalate	14.562	149	645190	53.850	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	632786	51.471	ng	99
88) Benzo(b)fluoranthene	14.998	252	636864	47.671	ng	99
89) Benzo(k)fluoranthene	15.027	252	576450	50.531	ng	100
90) Benzo(a)pyrene	15.356	252	569359	52.669	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	513861	51.584	ng	99
92) Benzo(g,h,i)perylene	17.292	276	497892	47.762	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

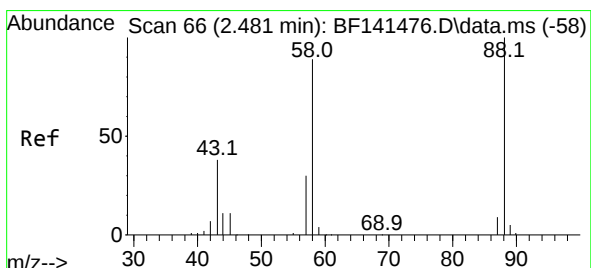
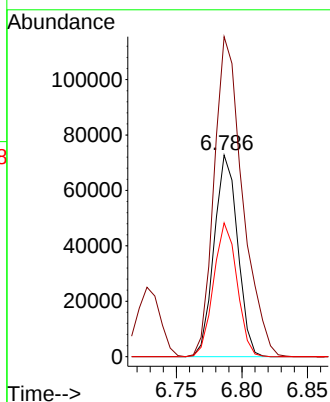
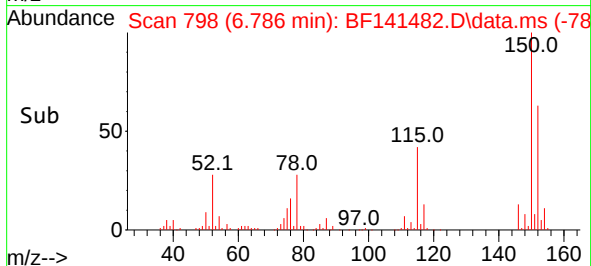
Instrument :
BNA_F
ClientSampleId :
PB166468BS



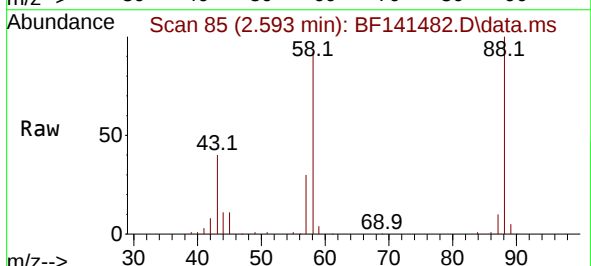
Tgt Ion:152 Resp: 90709
Ion Ratio Lower Upper
152 100
150 158.8 125.0 187.4
115 66.3 53.6 80.4

Manual Integrations
APPROVED

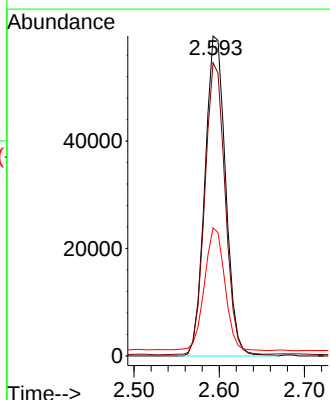
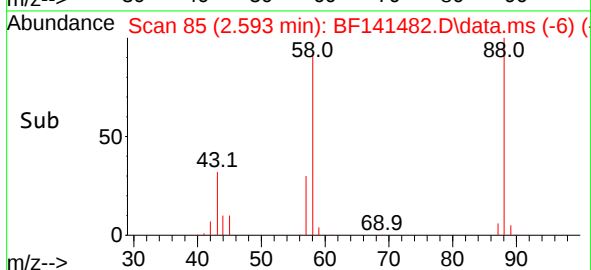
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

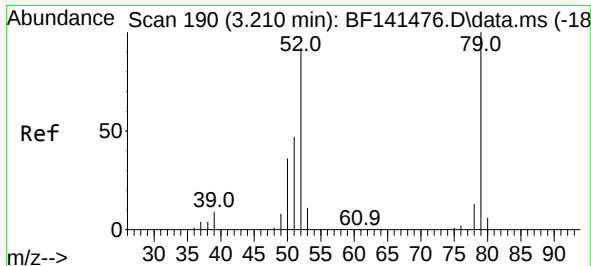


#2
1,4-Dioxane
Concen: 43.271 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.112 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion: 88 Resp: 100766
Ion Ratio Lower Upper
88 100
58 89.6 71.1 106.7
43 37.7 30.6 46.0





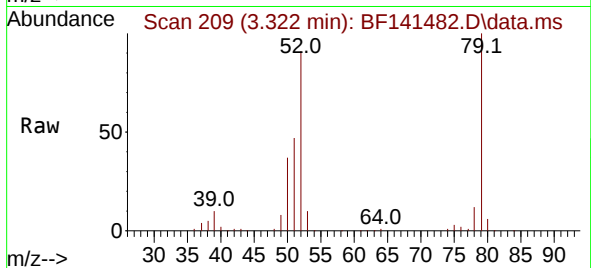
#3
Pyridine
Concen: 42.583 ng
RT: 3.322 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

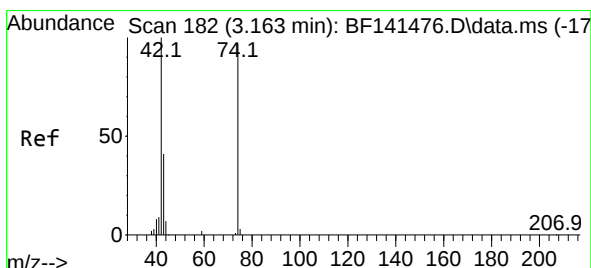
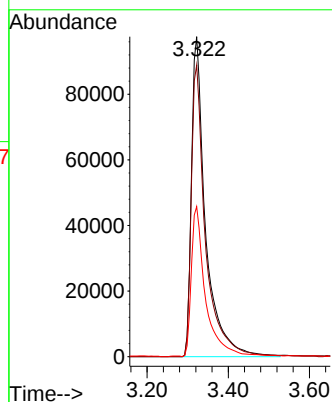
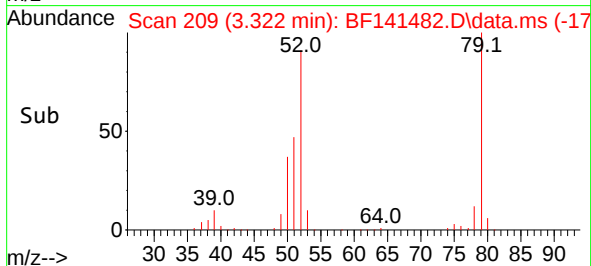


Tgt Ion: 79 Resp: 23597
Ion Ratio Lower Upper
79 100
52 91.1 73.7 110.5
51 46.9 37.5 56.3

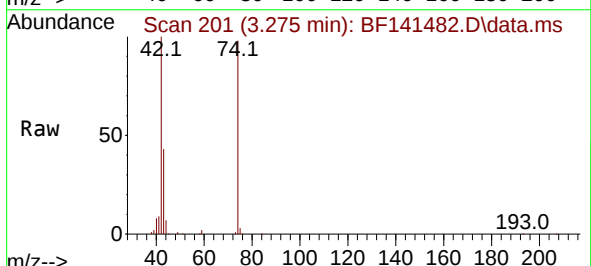
Manual Integrations

APPROVED

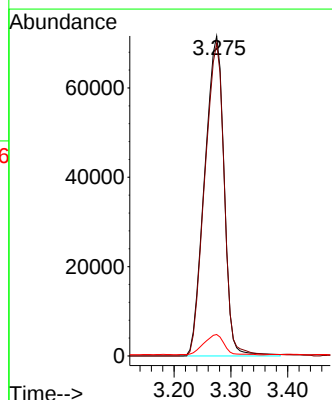
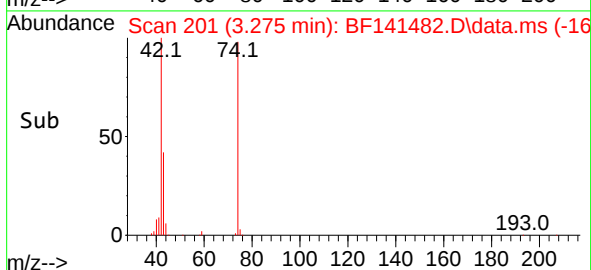
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#4
n-Nitrosodimethylamine
Concen: 46.333 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion: 42 Resp: 170010
Ion Ratio Lower Upper
42 100
74 97.8 78.0 117.0
44 6.7 5.4 8.2





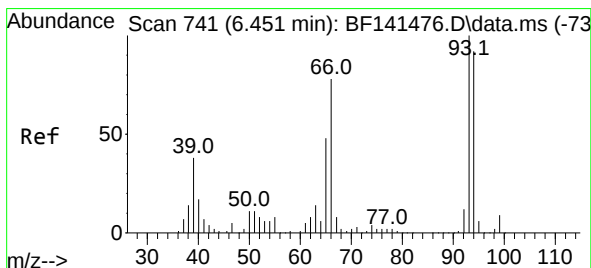
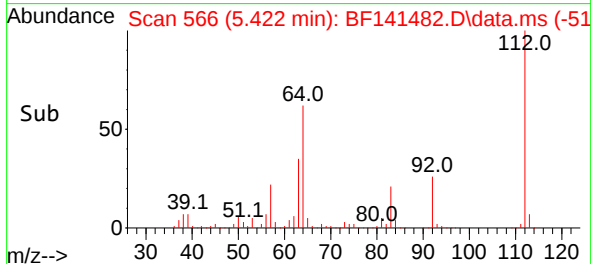
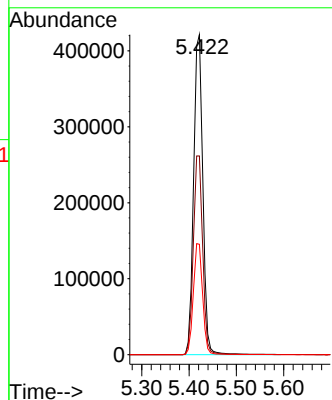
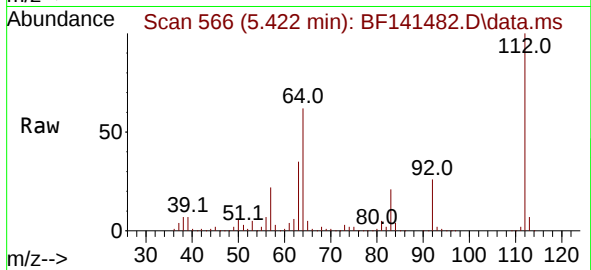
#5
2-Fluorophenol
Concen: 98.517 ng
RT: 5.422 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion:112 Resp: 570014
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 34.5 28.4 42.6

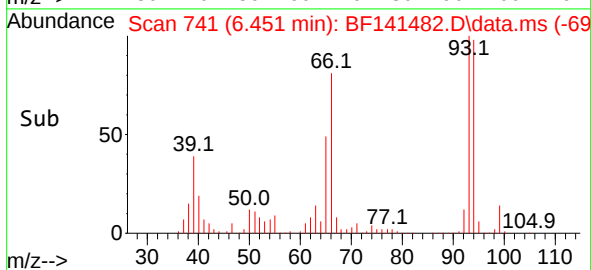
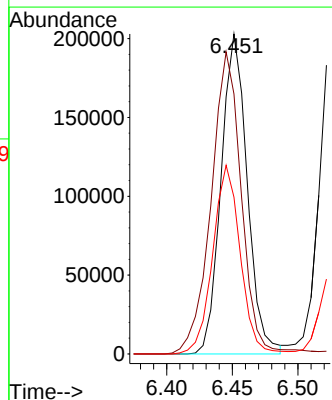
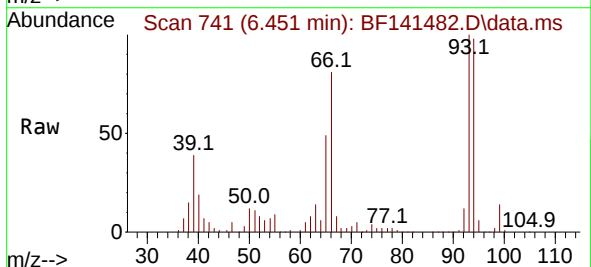
Manual Integrations
APPROVED

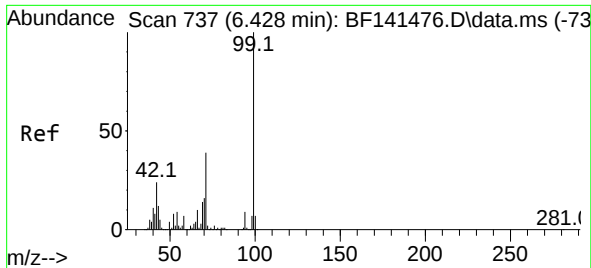
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#6
Aniline
Concen: 40.942 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

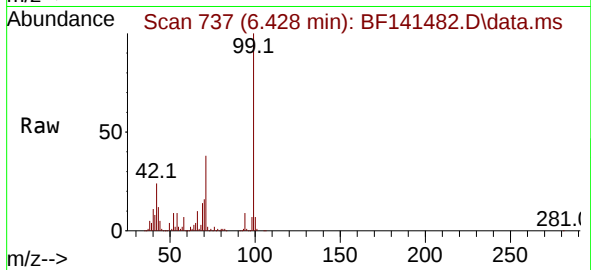
Tgt Ion: 93 Resp: 280859
Ion Ratio Lower Upper
93 100
66 81.3 62.6 94.0
65 49.0 38.3 57.5





#7
Phenol-d6
Concen: 97.597 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

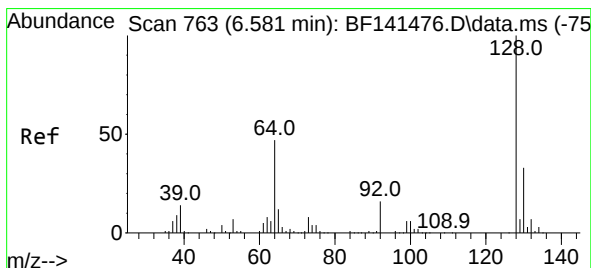
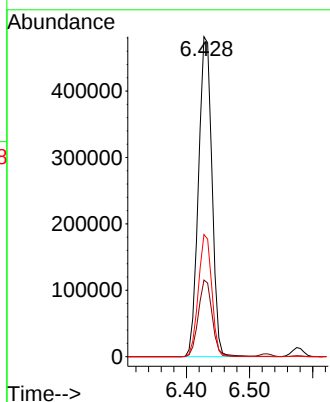
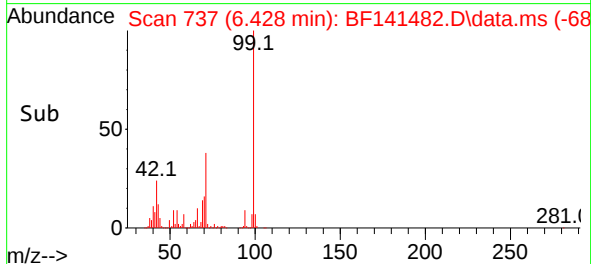
Instrument :
BNA_F
ClientSampleId :
PB166468BS



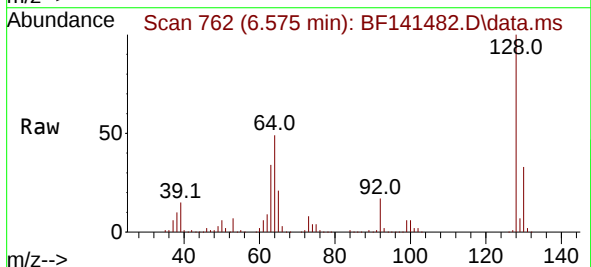
Tgt Ion: 99 Resp: 71372
Ion Ratio Lower Upper
99 100
42 23.9 19.1 28.7
71 38.2 31.1 46.7

Manual Integrations
APPROVED

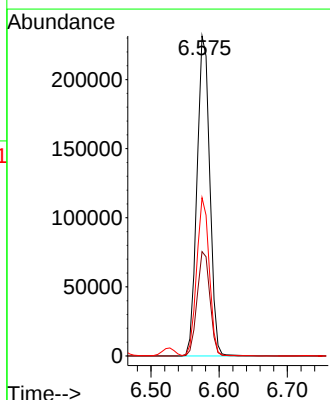
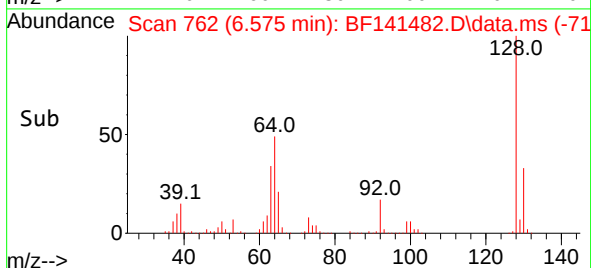
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#8
2-Chlorophenol
Concen: 48.072 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



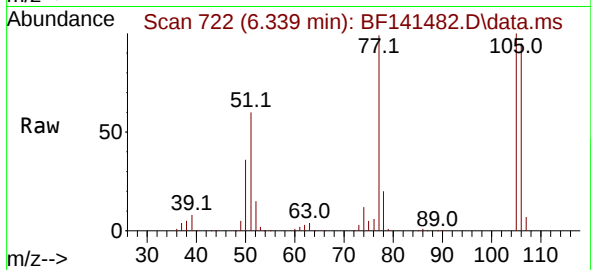
Tgt Ion:128 Resp: 300546
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 49.5 28.3 68.3





#9
Benzaldehyde
Concen: 58.361 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

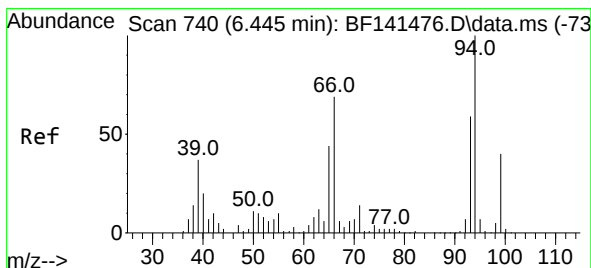
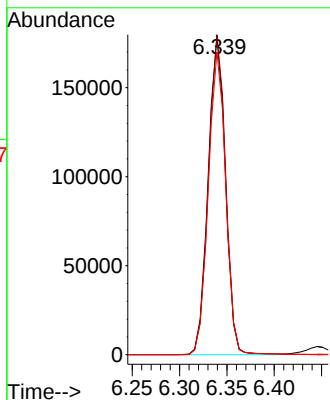
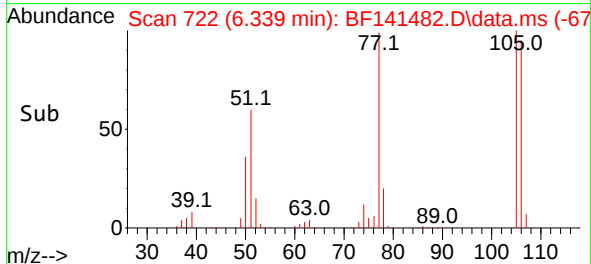
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion: 77 Resp: 226799
Ion Ratio Lower Upper
77 100
105 100.5 79.4 119.4
106 95.1 75.1 115.1

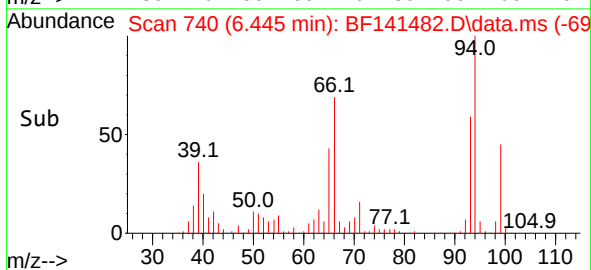
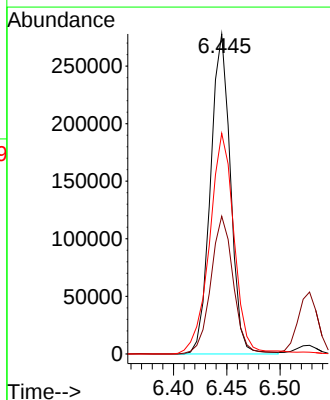
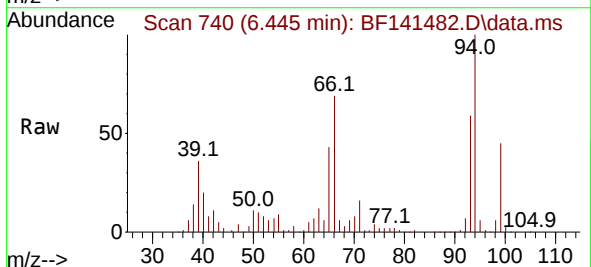
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 47.478 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 94 Resp: 361375
Ion Ratio Lower Upper
94 100
65 43.1 23.7 63.7
66 69.0 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 48.229 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

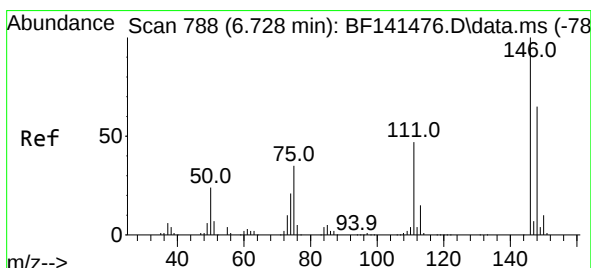
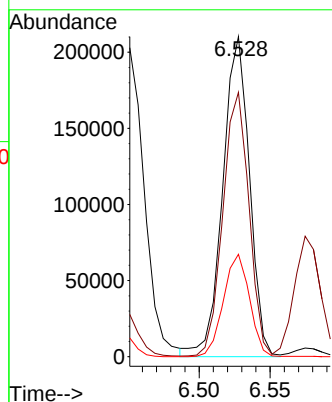
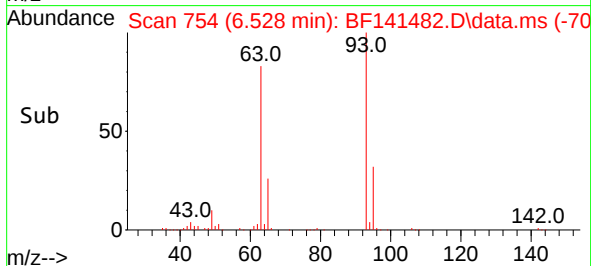
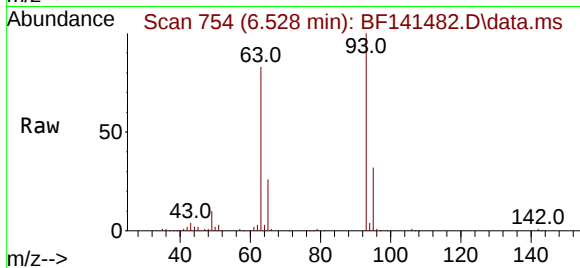
ClientSampleId :

PB166468BS

Tgt Ion: 93 Resp: 27572
Ion Ratio Lower Upper
93 100
63 82.6 62.0 102.0
95 32.0 12.6 52.6

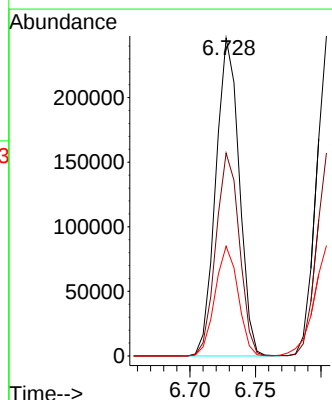
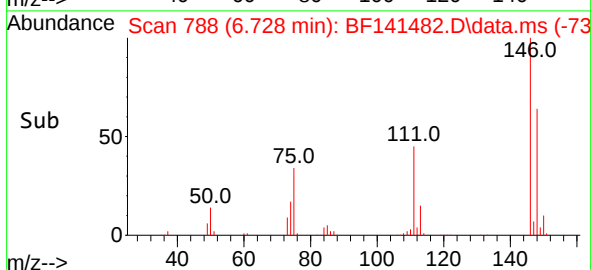
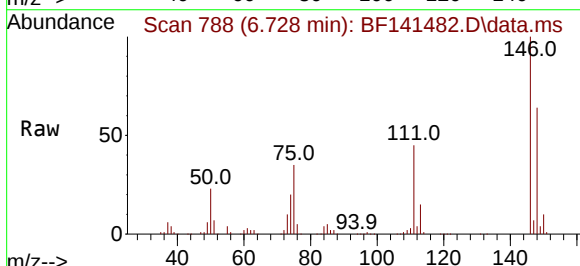
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 46.194 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:146 Resp: 304899
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 34.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.372 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion:146 Resp: 312718

Ion Ratio Lower Upper

146 100

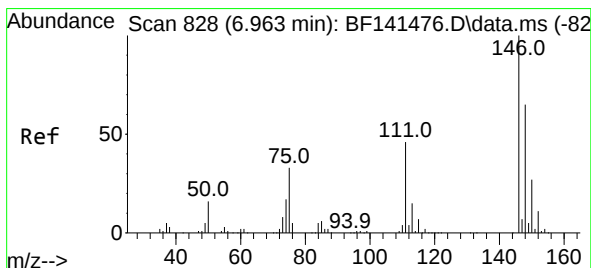
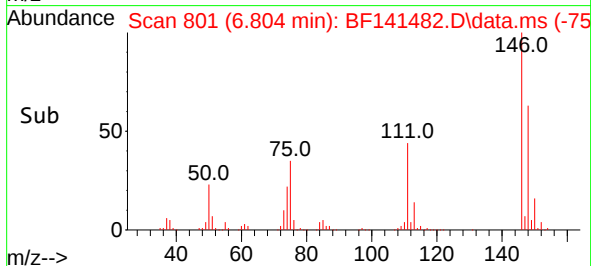
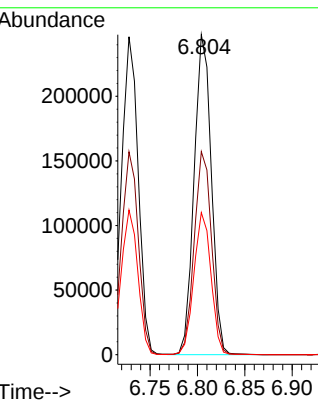
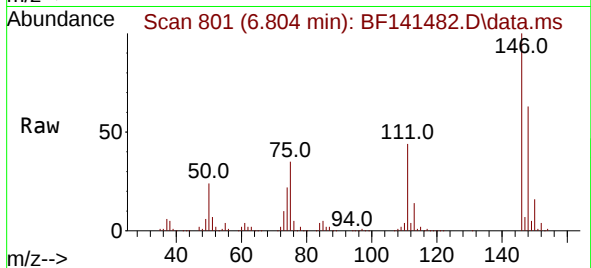
148 63.5 50.9 76.3

111 44.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14

1,2-Dichlorobenzene

Concen: 47.389 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

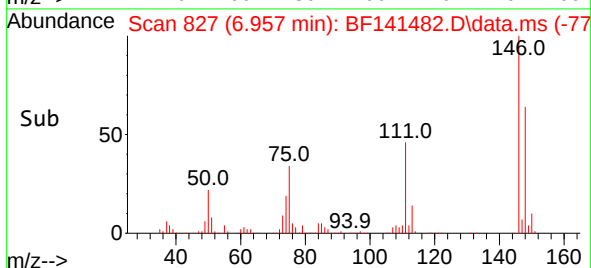
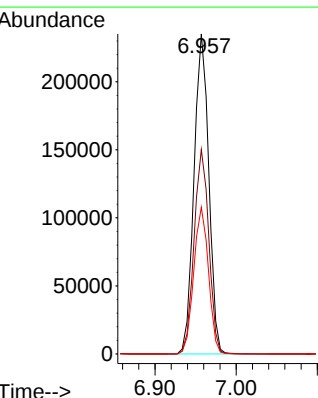
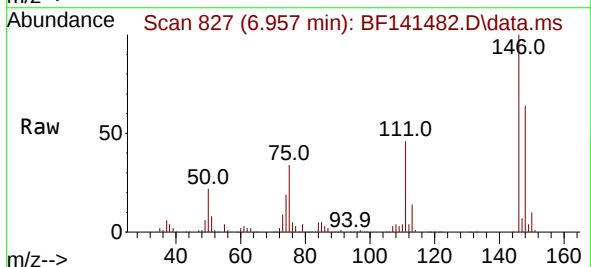
Tgt Ion:146 Resp: 296605

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

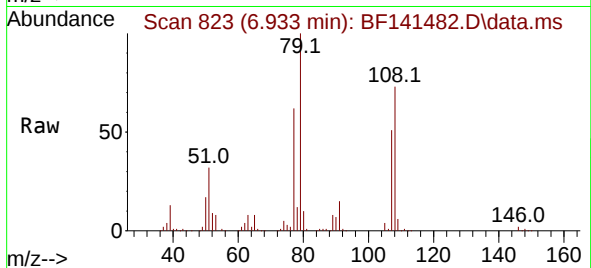
111 45.9 37.0 55.4





#15
Benzyl Alcohol
Concen: 47.998 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

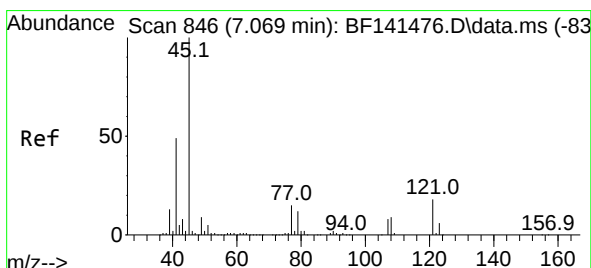
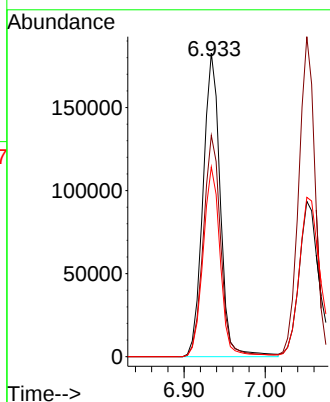
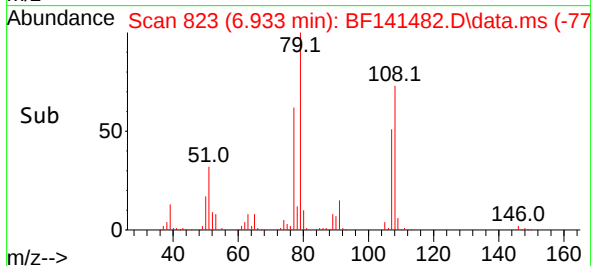
Instrument :
BNA_F
ClientSampleId :
PB166468BS



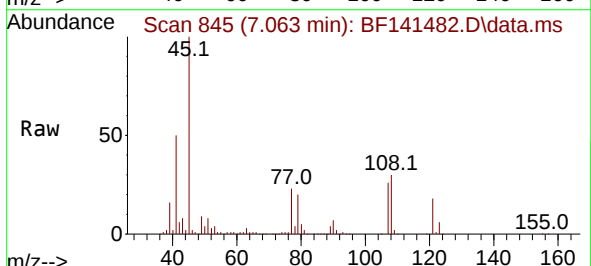
Tgt Ion: 79 Resp: 26917
Ion Ratio Lower Upper
79 100
108 72.9 57.4 86.2
77 62.5 50.9 76.3

Manual Integrations
APPROVED

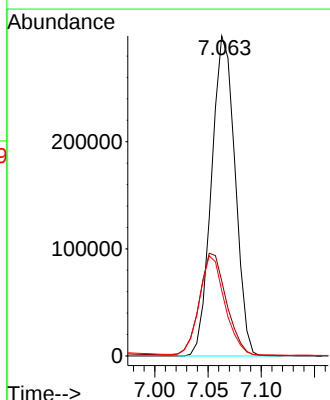
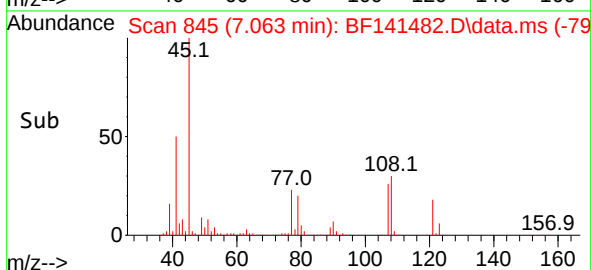
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.868 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion: 45 Resp: 458672
Ion Ratio Lower Upper
45 100
77 23.4 0.0 35.8
79 20.5 0.0 32.7





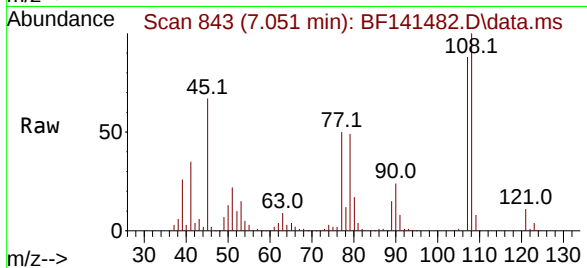
#17
2-Methylphenol
Concen: 48.358 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

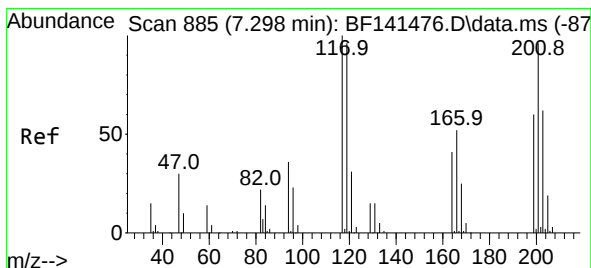
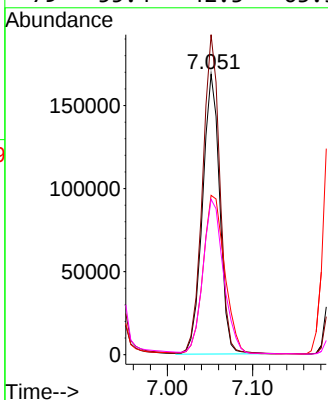


Tgt Ion:107 Resp: 236594
Ion Ratio Lower Upper
107 100
108 114.1 90.6 136.0
77 56.8 44.4 66.6
79 55.4 42.3 63.5

Manual Integrations

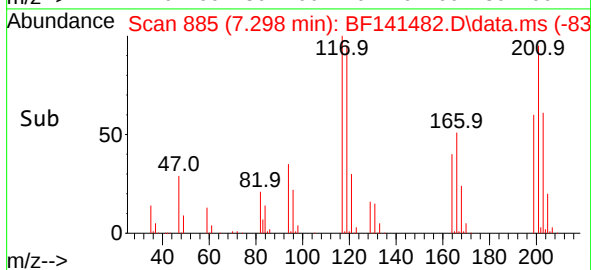
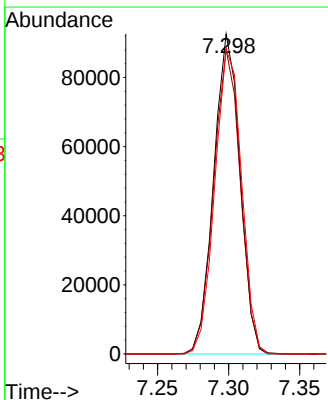
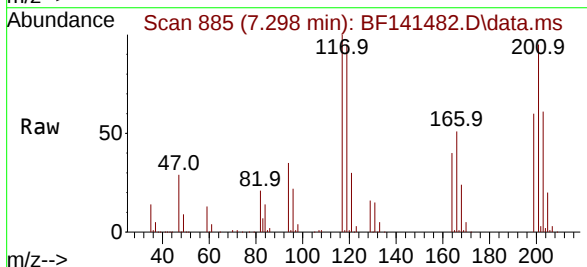
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 47.735 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:117 Resp: 119135
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 95.4 76.7 115.1





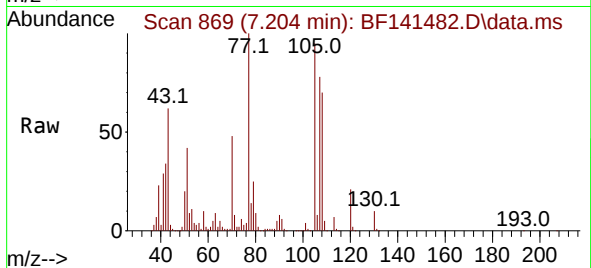
#19
n-Nitroso-di-n-propylamine
Concen: 47.982 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

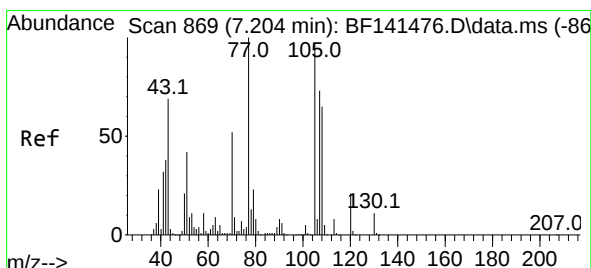
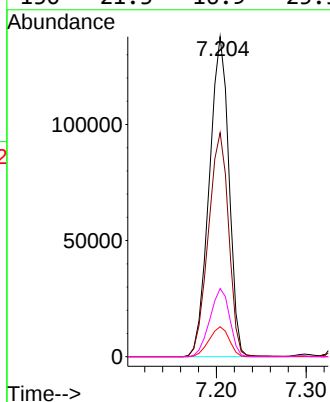
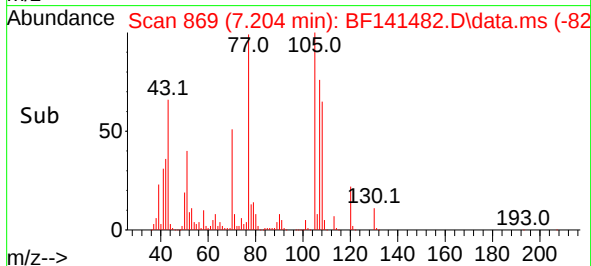


Tgt Ion: 70 Resp: 20989
Ion Ratio Lower Upper
70 100
42 70.0 57.4 86.2
101 9.3 8.0 12.0
130 21.3 16.9 25.3

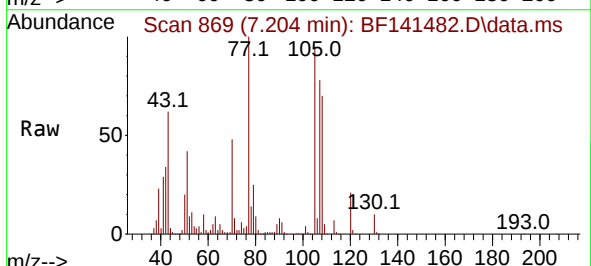
Manual Integrations

APPROVED

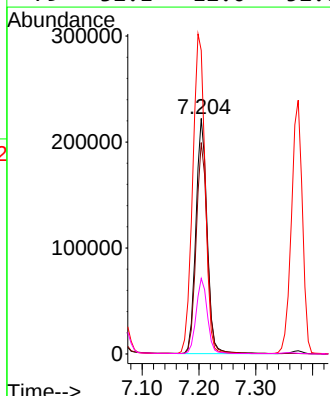
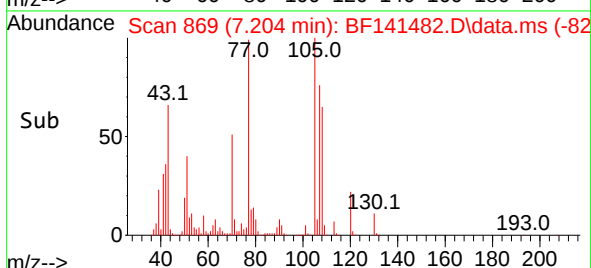
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

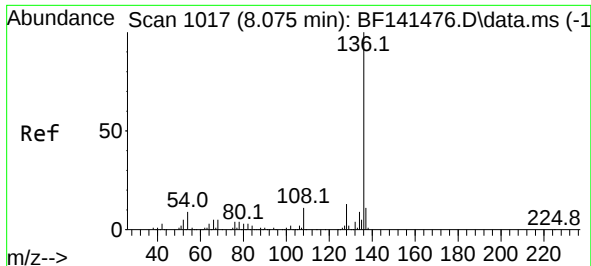


#20
3+4-Methylphenols
Concen: 49.008 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:107 Resp: 304715
Ion Ratio Lower Upper
107 100
108 89.7 68.5 108.5
77 128.9 116.5 156.5
79 32.1 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

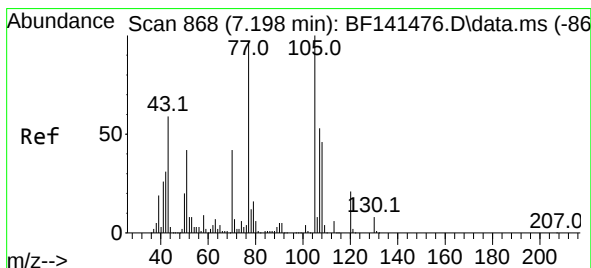
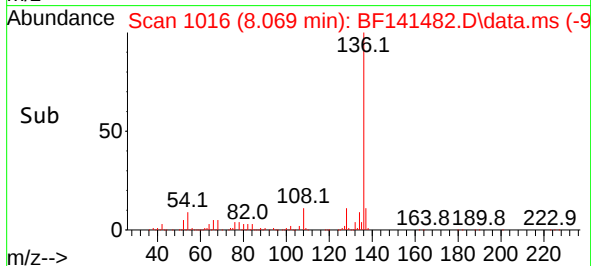
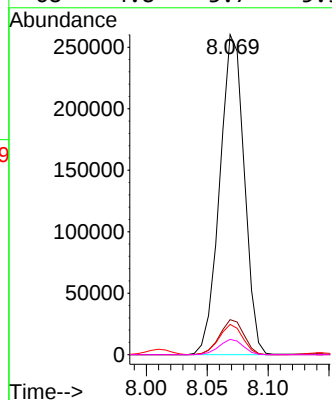
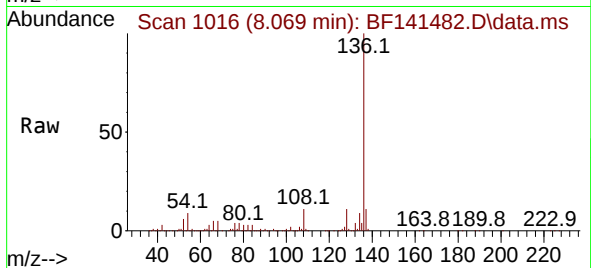
PB166468BS

Tgt Ion:136 Resp: 364332
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.2 10.8
68 4.8 3.7 5.5

Manual Integrations

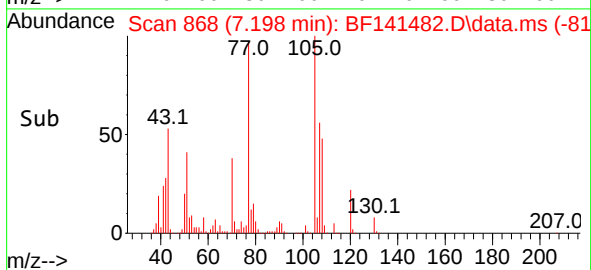
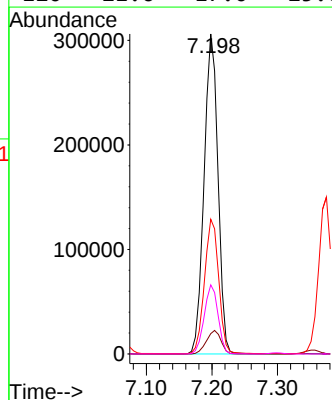
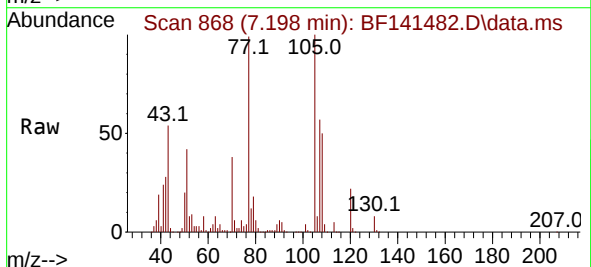
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 49.949 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:105 Resp: 452689
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 42.1 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 100.555 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141482.D

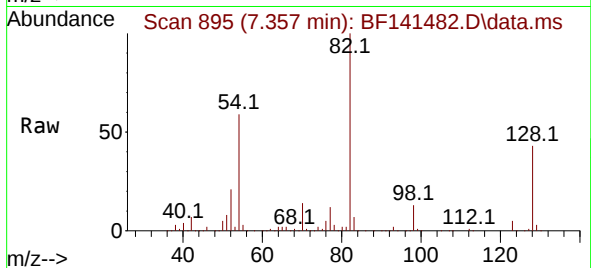
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS



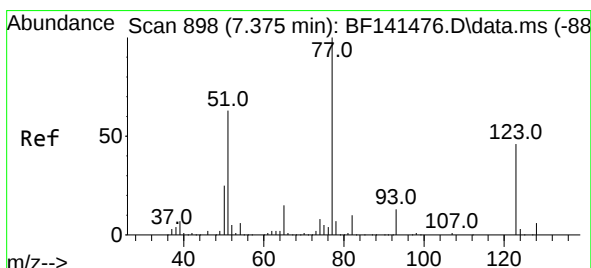
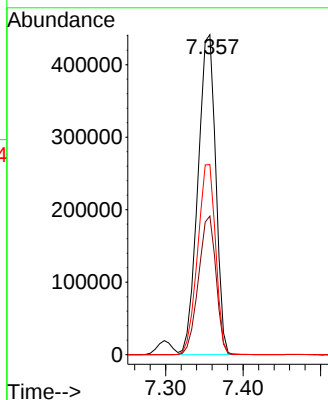
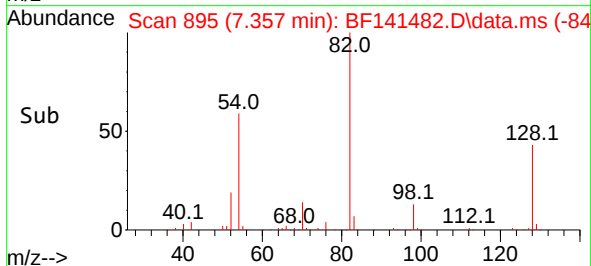
Tgt Ion: 82 Resp: 702389

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.8	52.2
54	59.4	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#24

Nitrobenzene

Concen: 46.787 ng

RT: 7.375 min Scan# 898

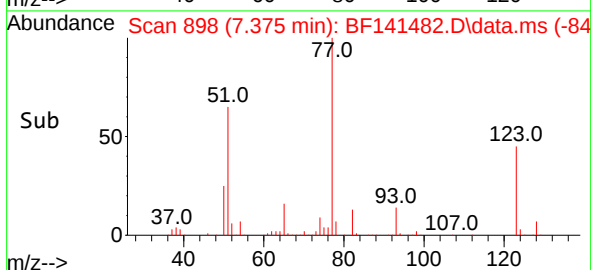
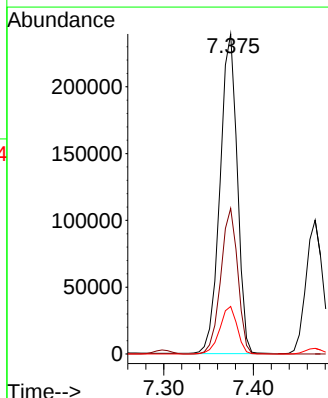
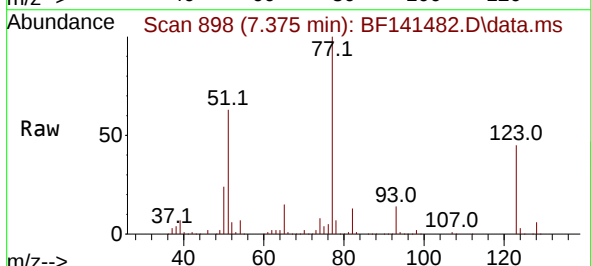
Delta R.T. -0.006 min

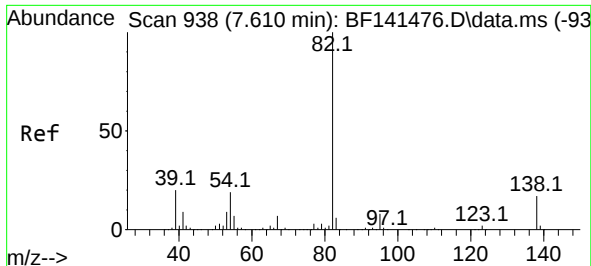
Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion: 77 Resp: 318680

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.9	55.3
65	14.9	11.9	17.9





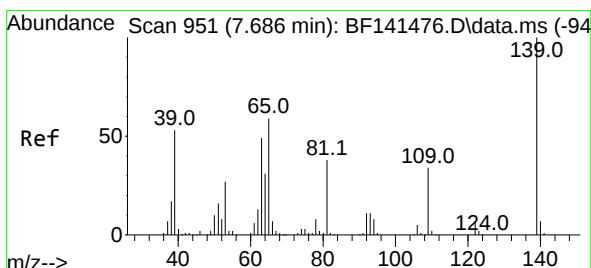
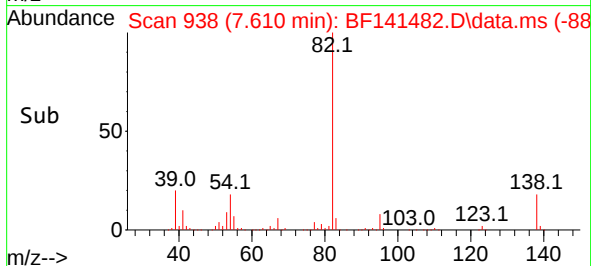
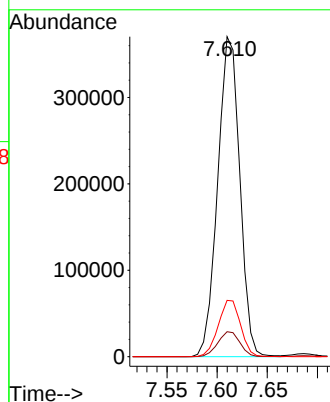
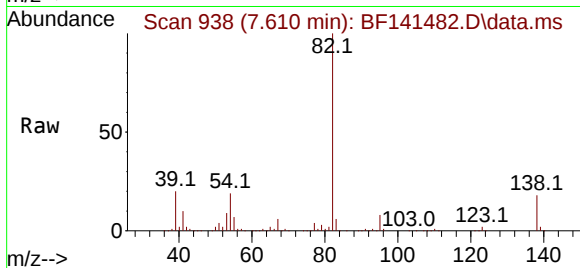
#25
Isophorone
Concen: 50.922 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion: 82 Resp: 56715
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9

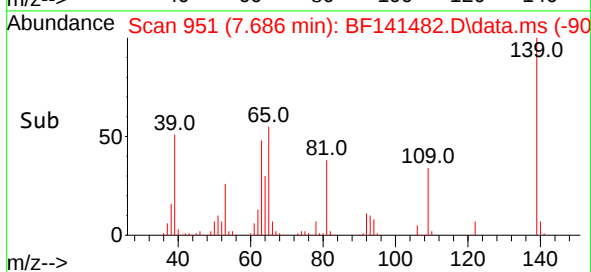
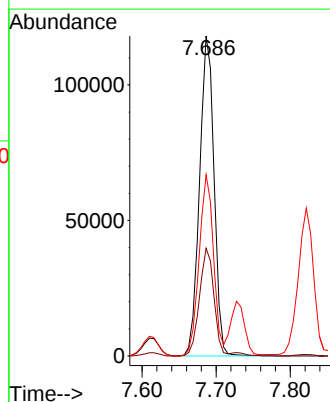
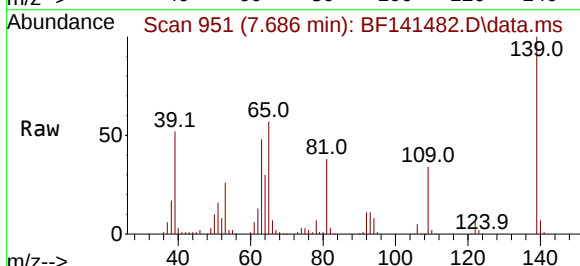
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 47.540 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:139 Resp: 161103
Ion Ratio Lower Upper
139 100
109 33.7 27.0 40.6
65 56.6 47.1 70.7





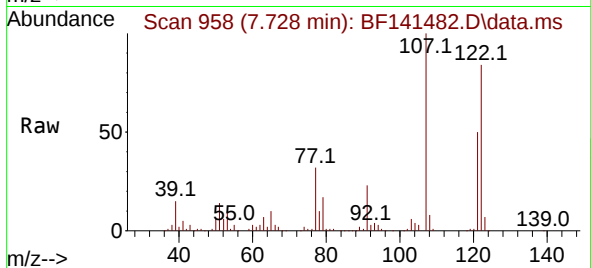
#27
2,4-Dimethylphenol
Concen: 61.127 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

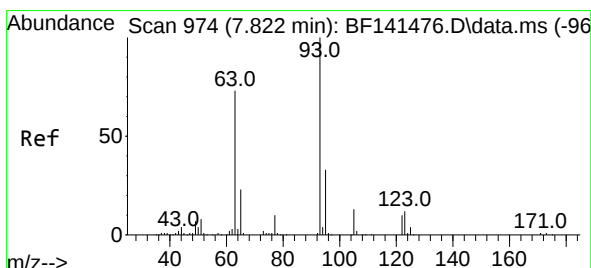
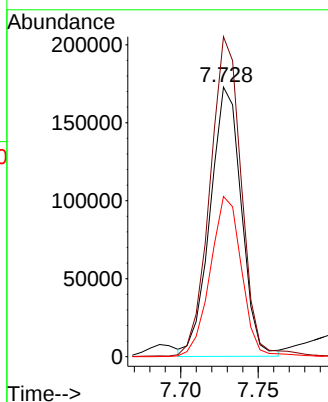
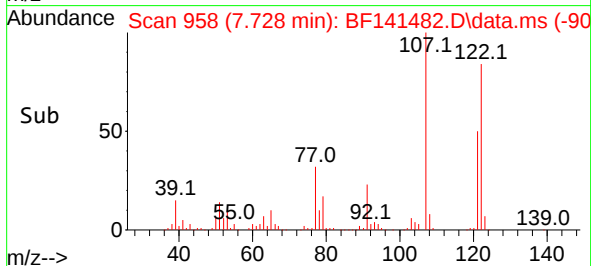


Tgt Ion:122 Resp: 241992
Ion Ratio Lower Upper
122 100
107 118.7 94.3 141.5
121 59.4 46.0 69.0

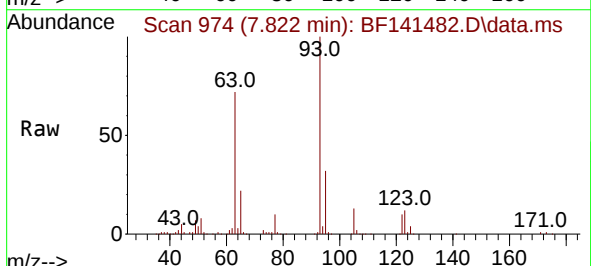
Manual Integrations

APPROVED

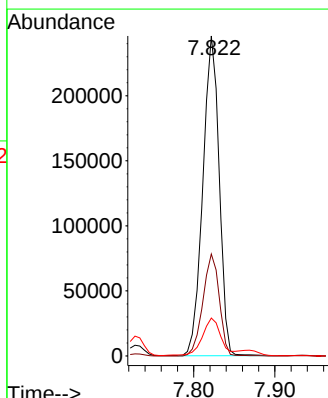
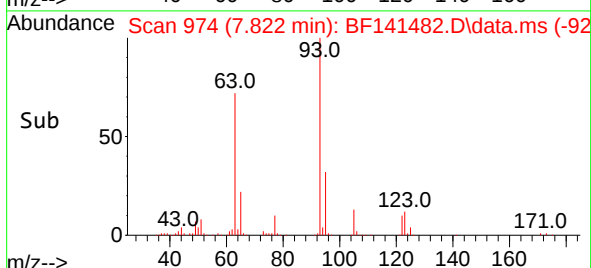
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.124 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion: 93 Resp: 343447
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.575 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

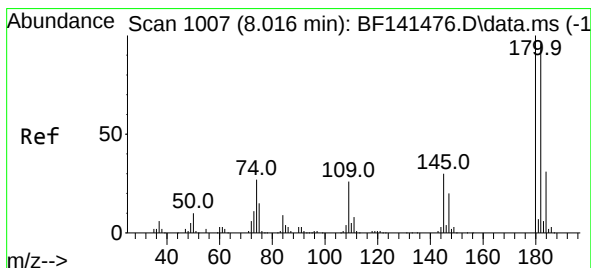
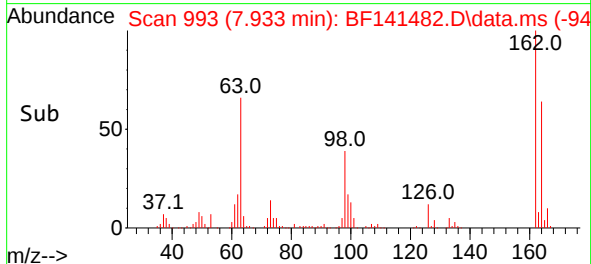
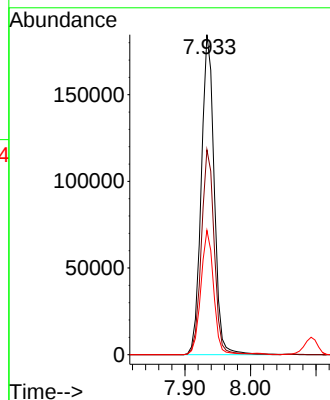
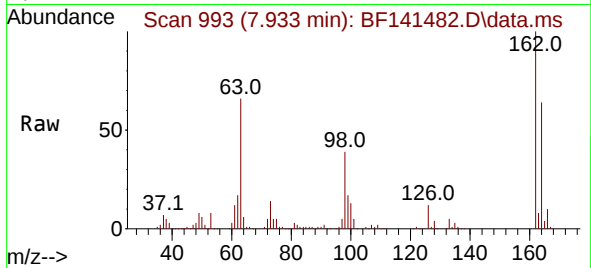
PB166468BS

Tgt Ion:162	Resp:	25447
Ion Ratio	Lower	Upper
162	100	
164	64.1	44.6 84.6
98	38.9	17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.767 ng

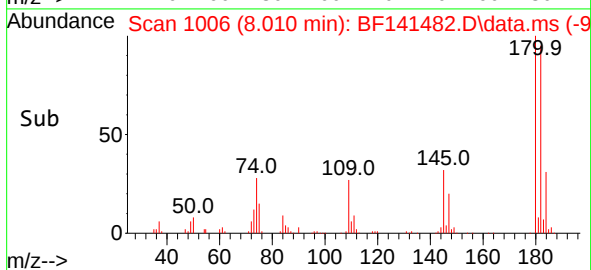
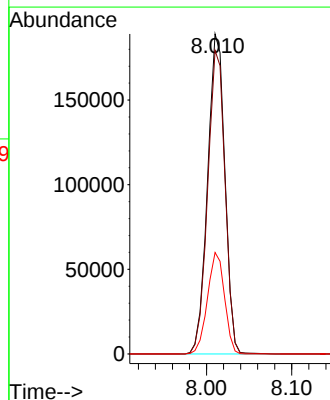
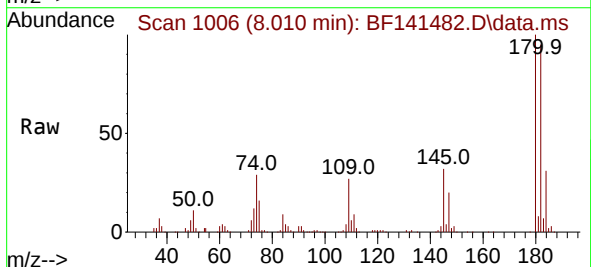
RT: 8.010 min Scan# 1006

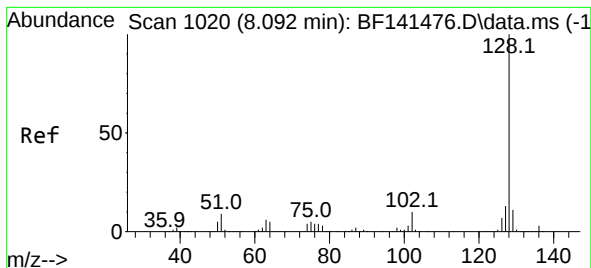
Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:180	Resp:	266587
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.8 115.2
145	31.7	24.2 36.4





#31

Naphthalene

Concen: 45.542 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

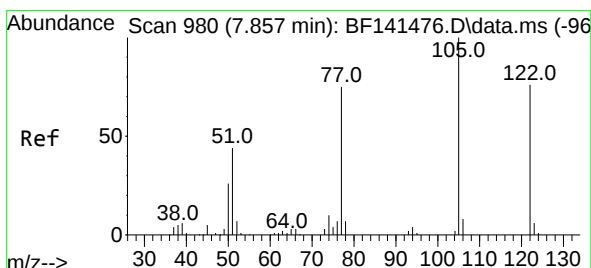
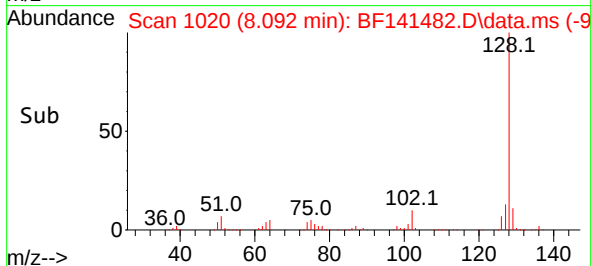
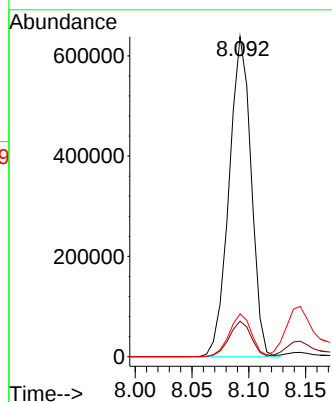
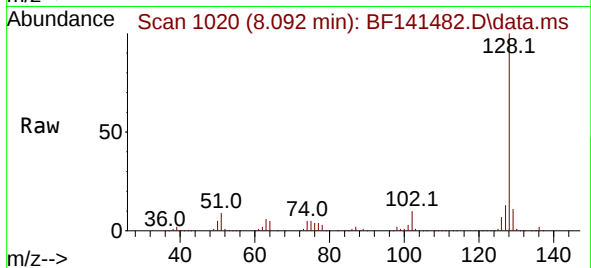
Tgt Ion:128 Resp: 86369

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32

Benzoic acid

Concen: 50.422 ng

RT: 7.869 min Scan# 982

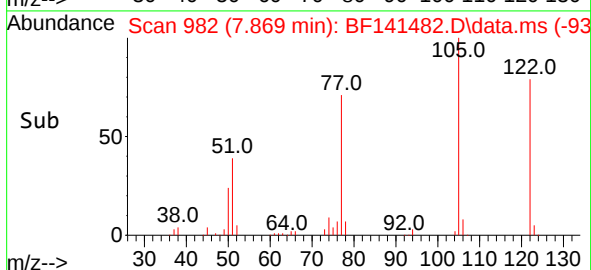
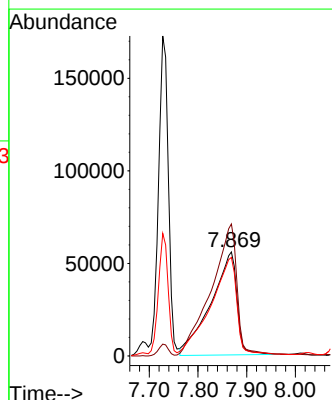
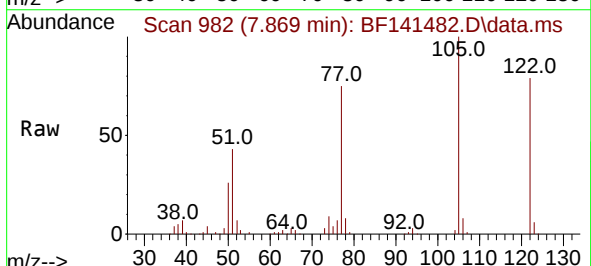
Delta R.T. -0.024 min

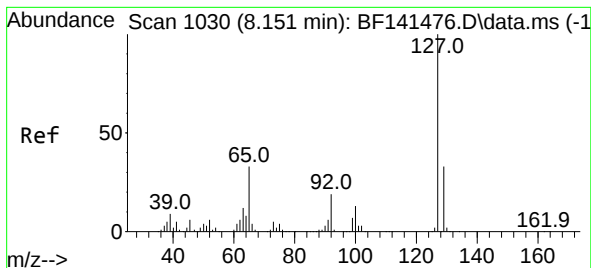
Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:122 Resp: 207337

Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.5	146.5
77	94.8	76.3	116.3





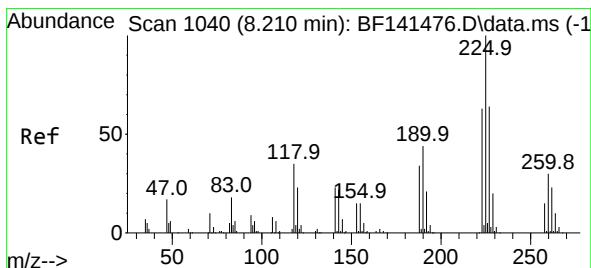
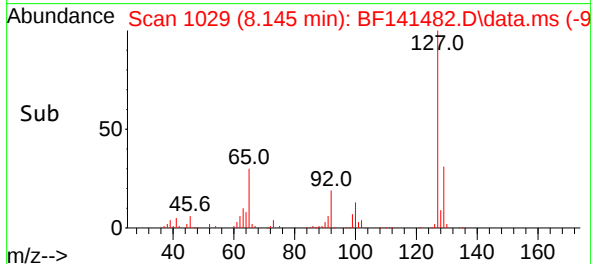
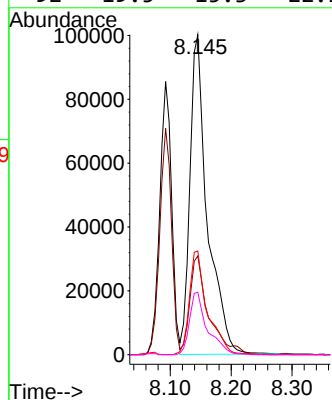
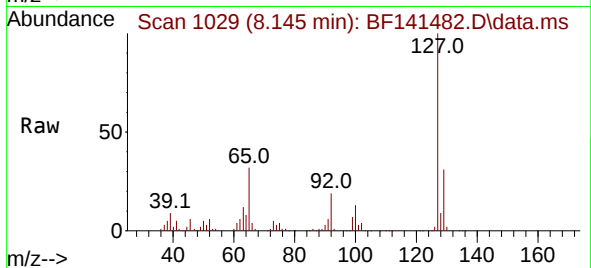
#33
4-Chloroaniline
Concen: 30.159 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion:127 Resp: 199690
Ion Ratio Lower Upper
127 100
129 30.9 26.5 39.7
65 32.4 26.4 39.6
92 19.5 15.3 22.9

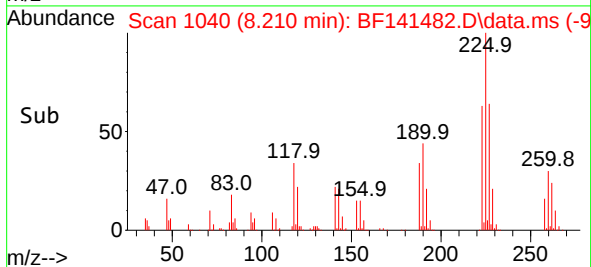
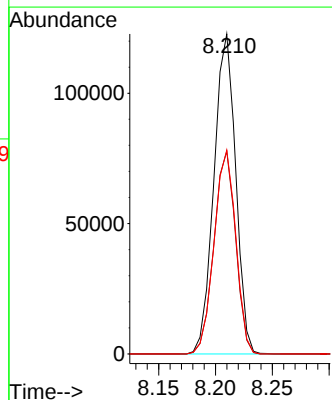
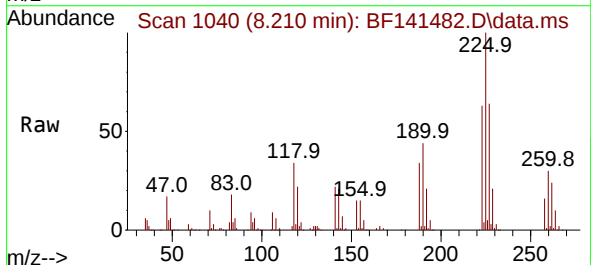
Manual Integrations
APPROVED

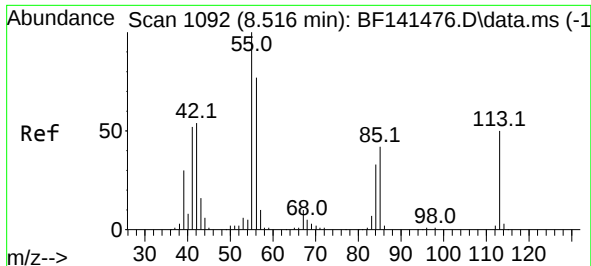
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Hexachlorobutadiene
Concen: 46.815 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

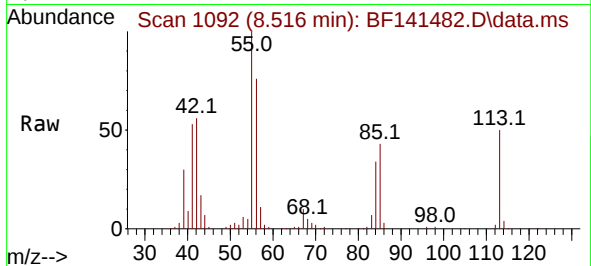
Tgt Ion:225 Resp: 163704
Ion Ratio Lower Upper
225 100
223 63.4 50.1 75.1
227 63.7 51.0 76.6





#35
Caprolactam
Concen: 55.608 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

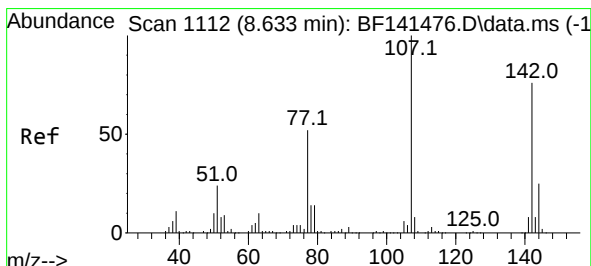
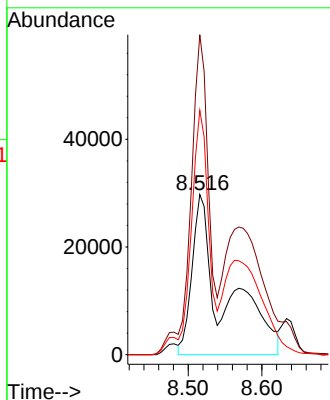
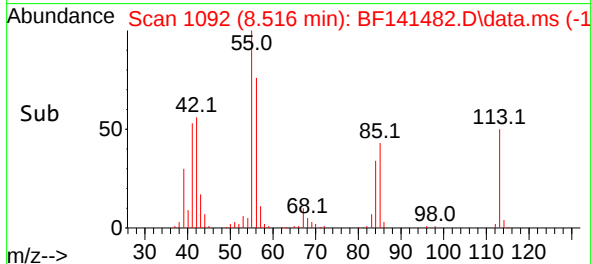
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:113 Resp: 9056
Ion Ratio Lower Upper
113 100
55 199.9 180.8 220.8
56 152.6 133.6 173.6

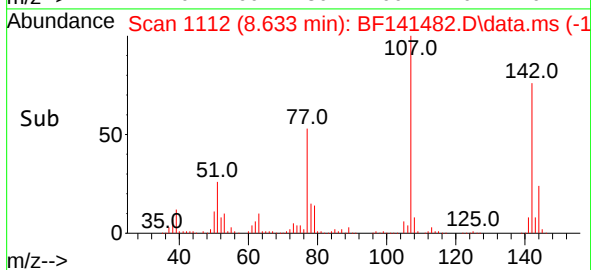
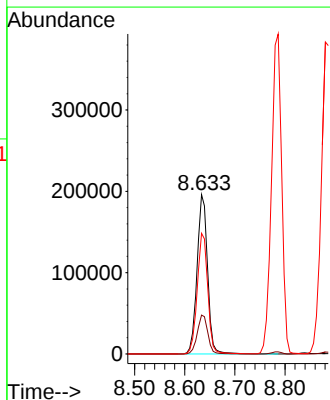
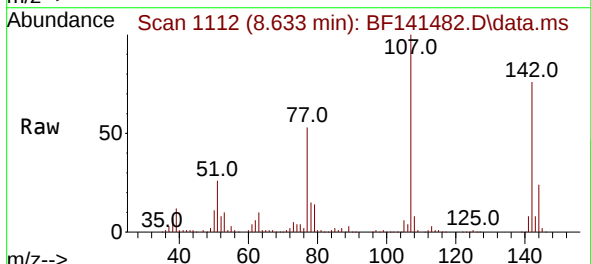
Manual Integrations
APPROVED

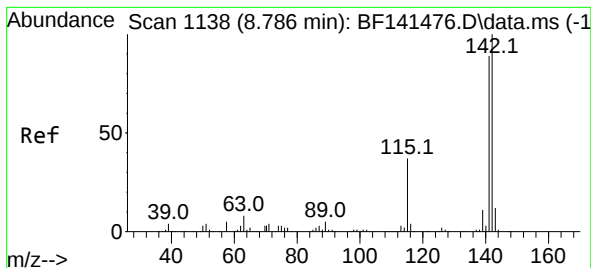
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
4-Chloro-3-methylphenol
Concen: 47.968 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

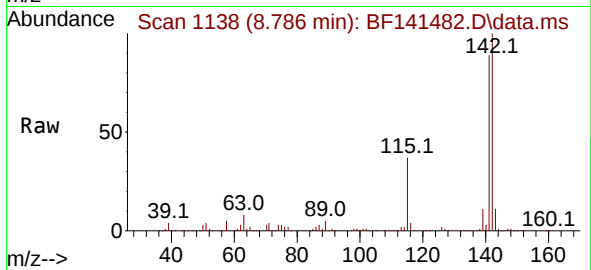
Tgt Ion:107 Resp: 284217
Ion Ratio Lower Upper
107 100
144 24.4 19.7 29.5
142 75.6 60.8 91.2





#37
2-Methylnaphthalene
Concen: 44.838 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

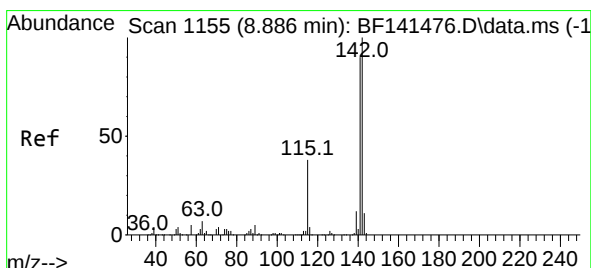
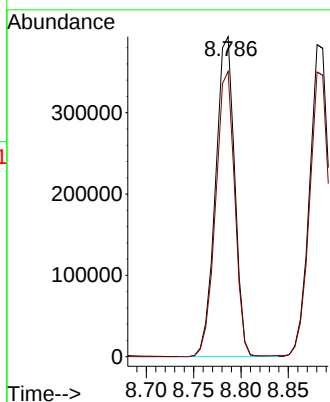
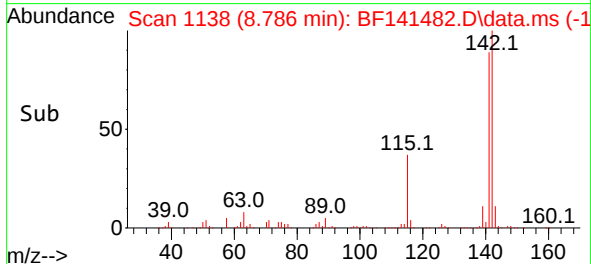
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:142 Resp: 55334
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8

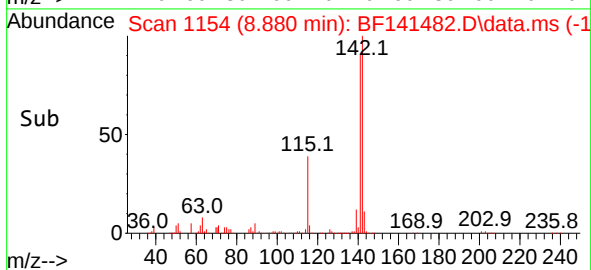
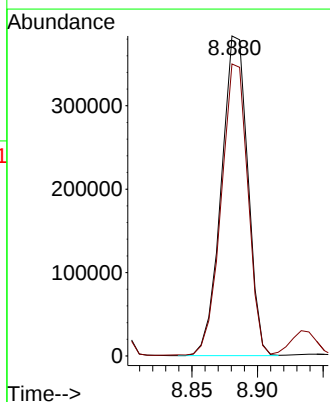
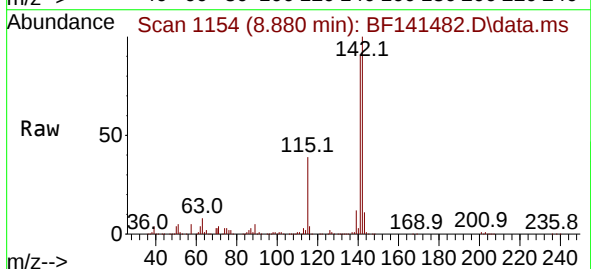
Manual Integrations
APPROVED

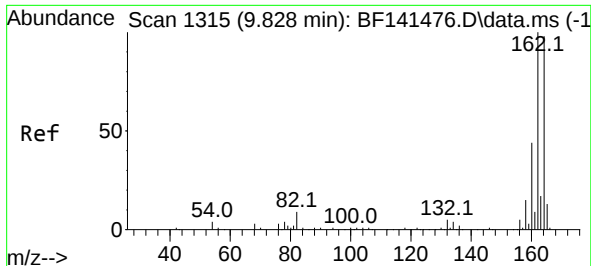
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 45.204 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:142 Resp: 540303
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





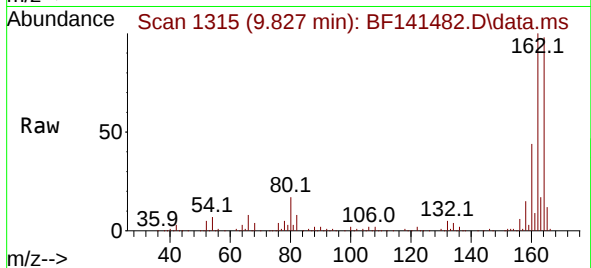
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

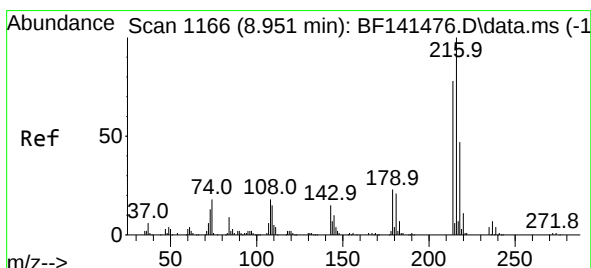
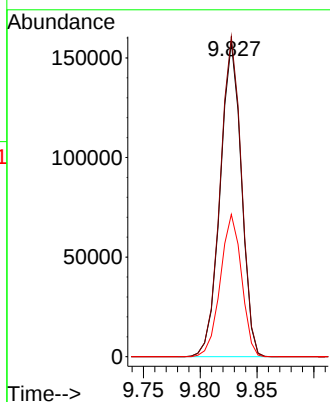
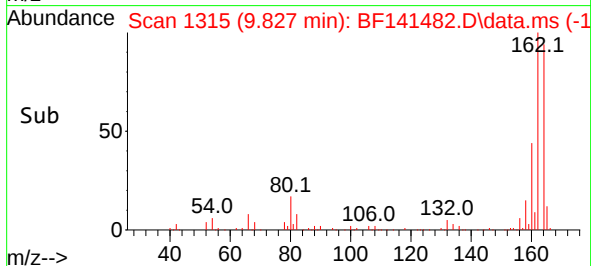


Tgt Ion:164 Resp: 204258
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.3 35.9 53.9

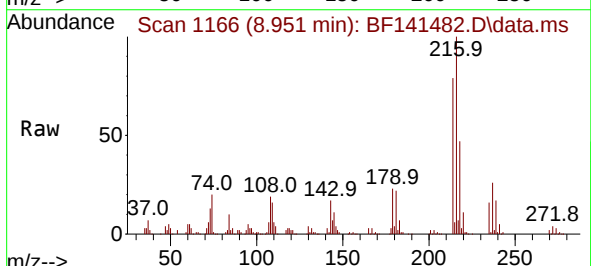
Manual Integrations

APPROVED

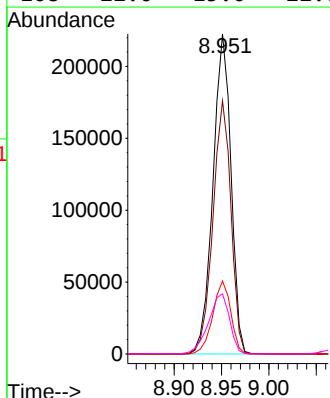
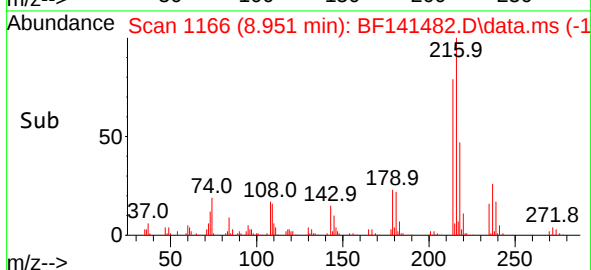
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

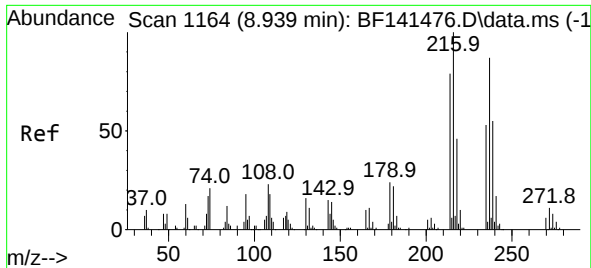


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.823 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:216 Resp: 294427
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 22.8 18.0 27.0
108 22.0 15.0 22.6





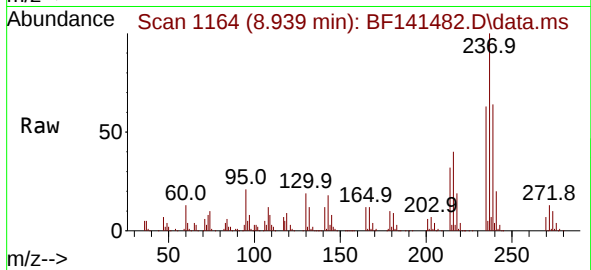
#41
Hexachlorocyclopentadiene
Concen: 167.203 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

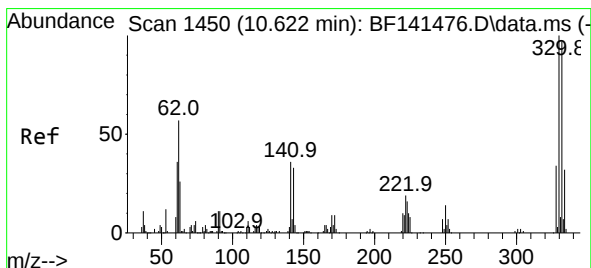
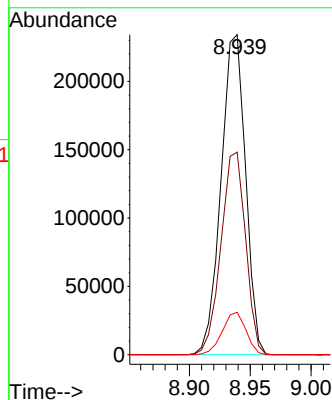
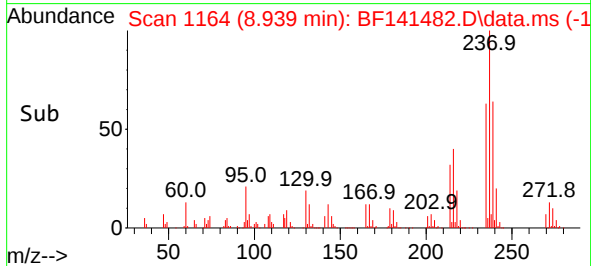


Tgt Ion:237 Resp: 32864
Ion Ratio Lower Upper
237 100
235 63.3 41.4 81.4
272 13.2 0.0 32.4

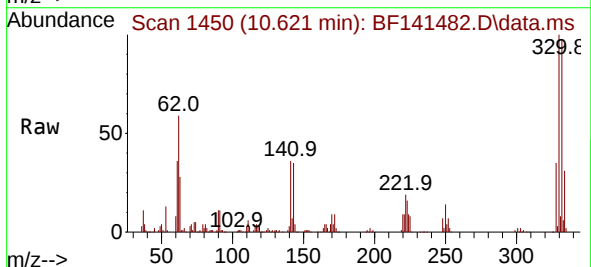
Manual Integrations

APPROVED

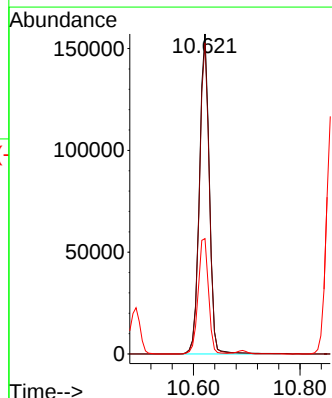
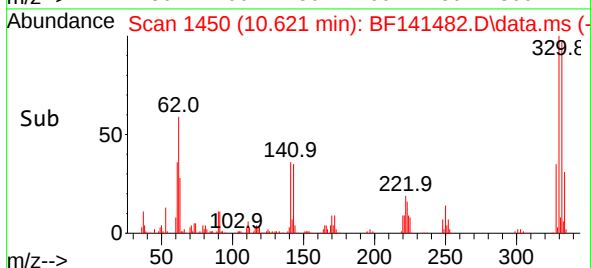
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#42
2,4,6-Tribromophenol
Concen: 99.186 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



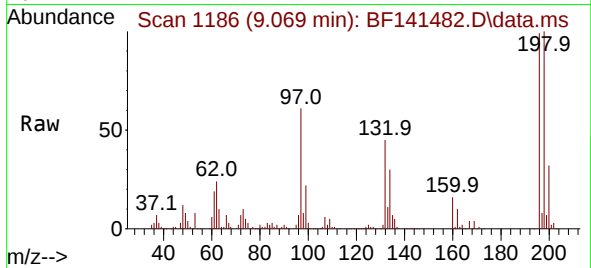
Tgt Ion:330 Resp: 203516
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 37.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 48.228 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

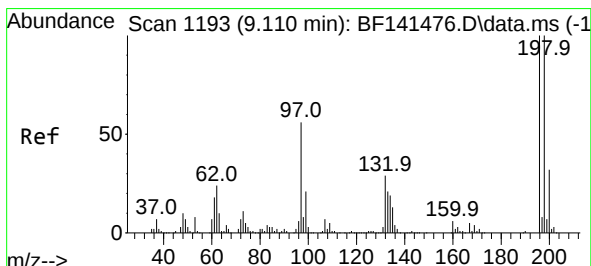
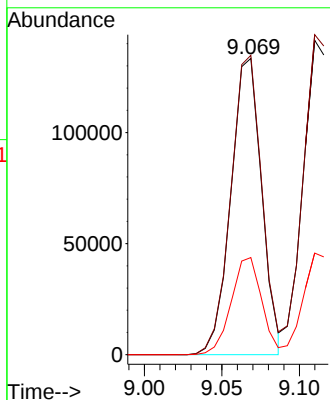
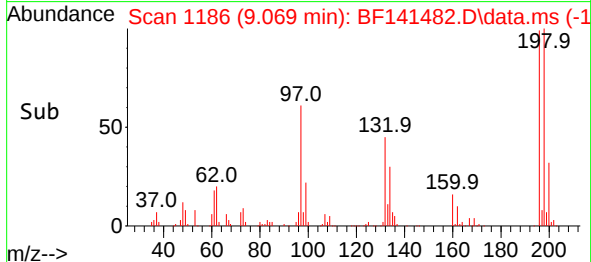
Instrument :
BNA_F
ClientSampleId :
PB166468BS



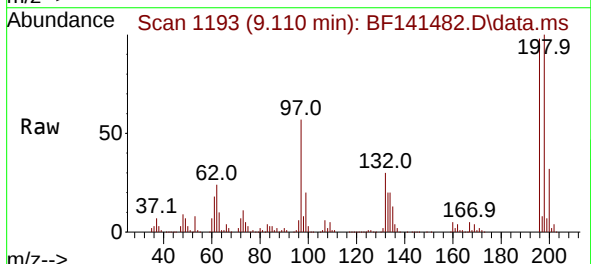
Tgt Ion:196 Resp: 184199
Ion Ratio Lower Upper
196 100
198 101.0 80.6 121.0
200 32.8 25.5 38.3

Manual Integrations
APPROVED

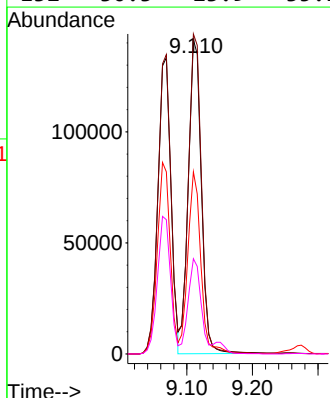
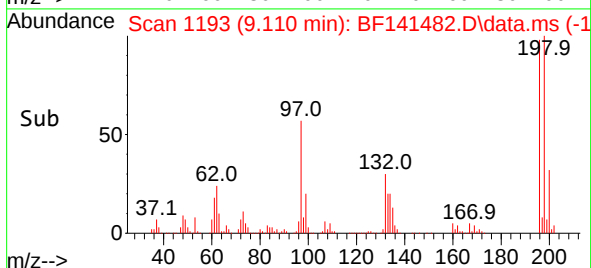
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

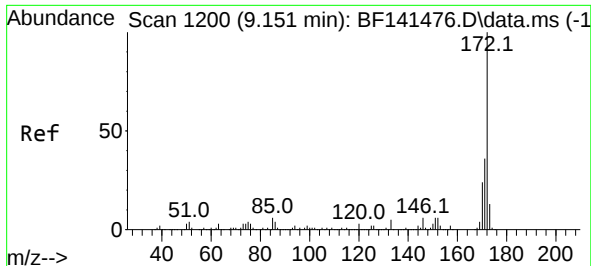


#44
2,4,5-Trichlorophenol
Concen: 47.233 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:196 Resp: 195510
Ion Ratio Lower Upper
196 100
198 101.8 79.8 119.8
97 57.9 44.8 67.2
132 30.3 23.9 35.9





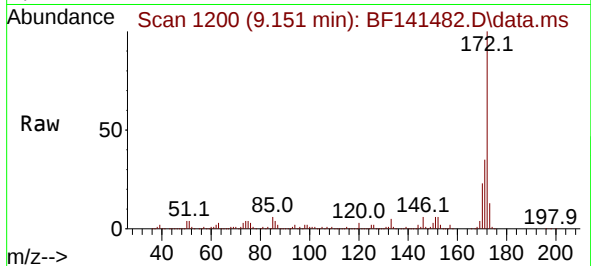
#45
2-Fluorobiphenyl
Concen: 99.464 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

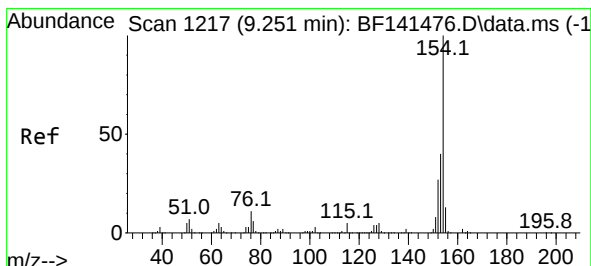
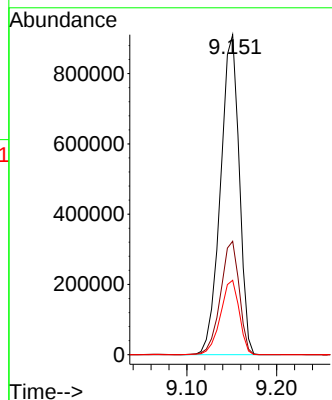
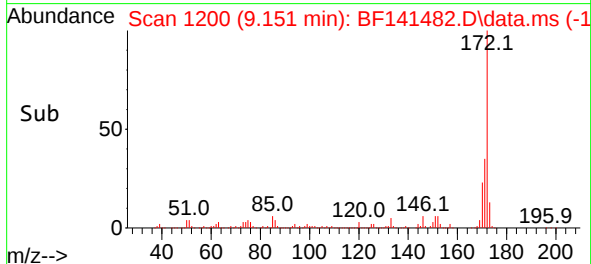


Tgt Ion:172 Resp: 131868
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.3 18.9 28.3

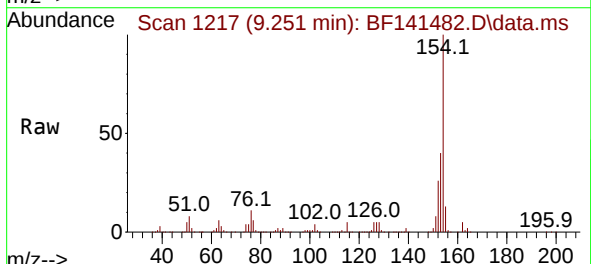
Manual Integrations

APPROVED

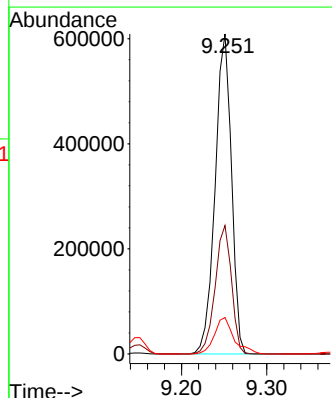
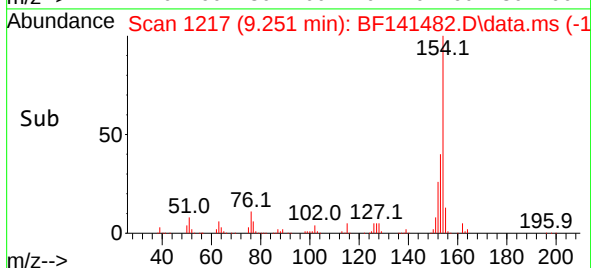
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

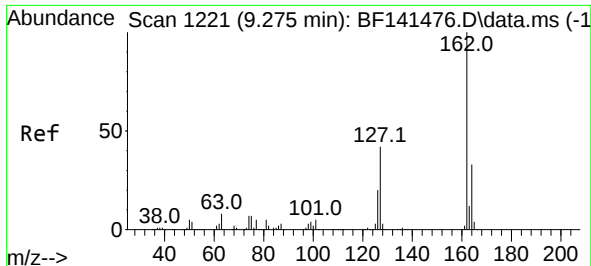


#46
1,1'-Biphenyl
Concen: 51.122 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:154 Resp: 809561
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.4 0.0 30.8





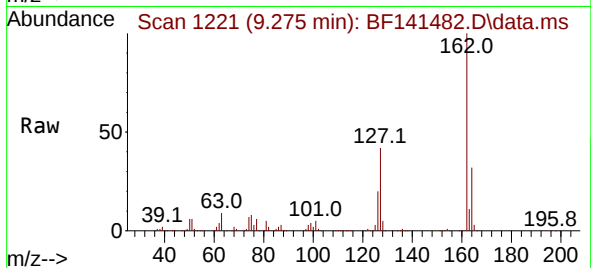
#47
2-Chloronaphthalene
Concen: 46.945 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

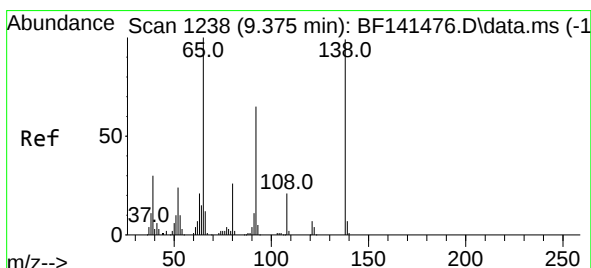
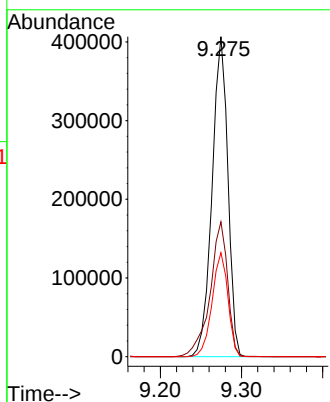
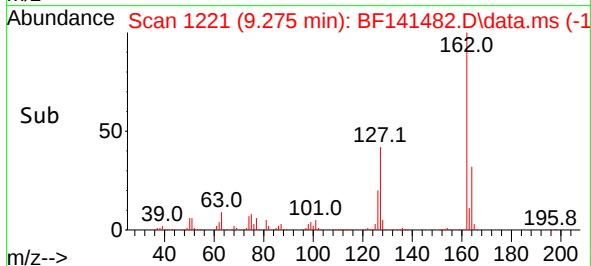


Tgt Ion:162 Resp: 54973
Ion Ratio Lower Upper
162 100
127 42.2 34.1 51.1
164 32.5 26.3 39.5

Manual Integrations

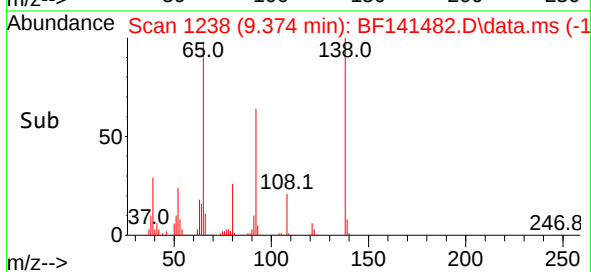
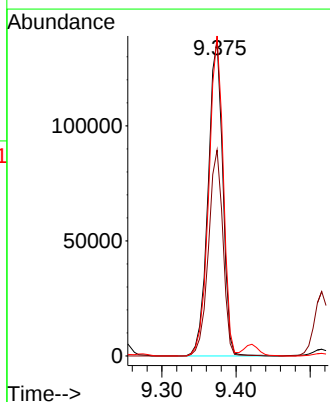
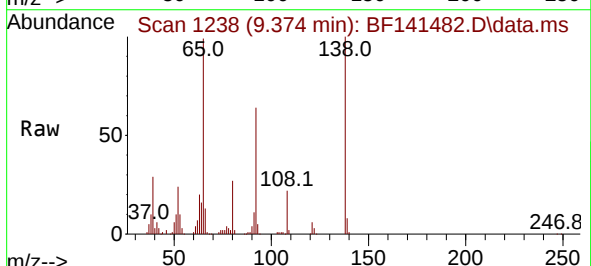
APPROVED

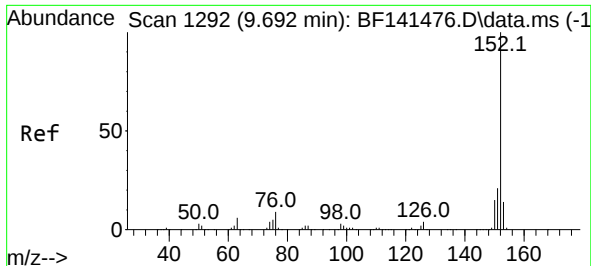
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#48
2-Nitroaniline
Concen: 48.047 ng
RT: 9.374 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 65 Resp: 188822
Ion Ratio Lower Upper
65 100
92 65.3 52.2 78.2
138 101.4 79.5 119.3





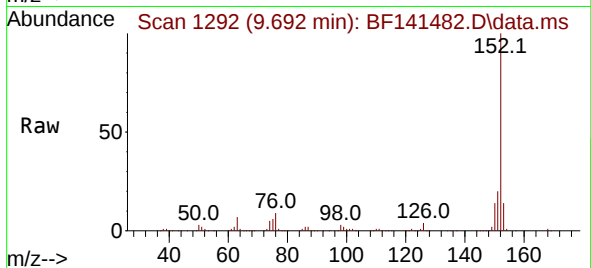
#49
Acenaphthylene
Concen: 49.445 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

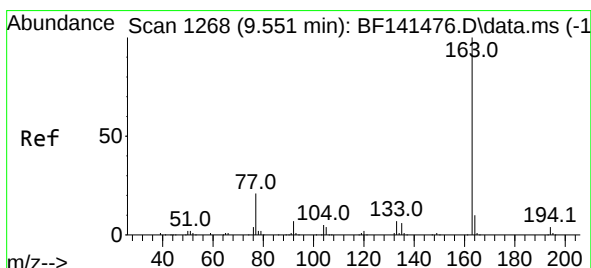
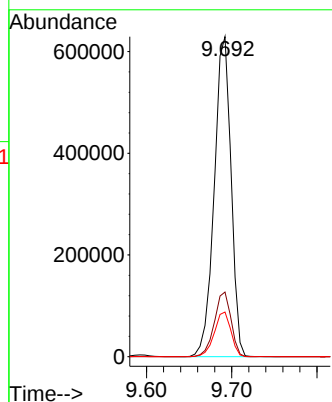
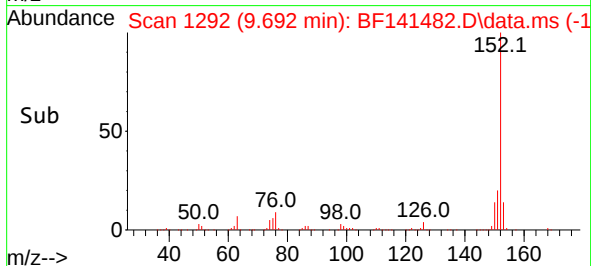


Tgt Ion:152 Resp: 861198
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.0 10.9 16.3

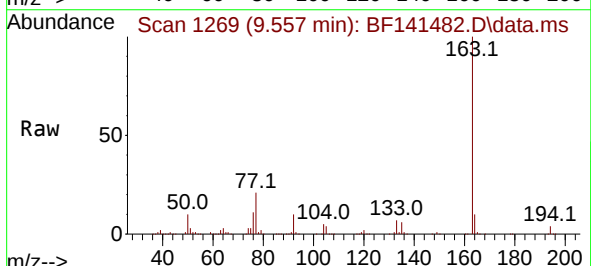
Manual Integrations

APPROVED

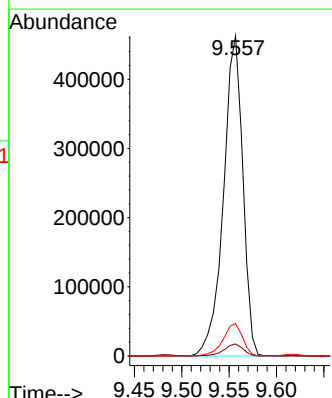
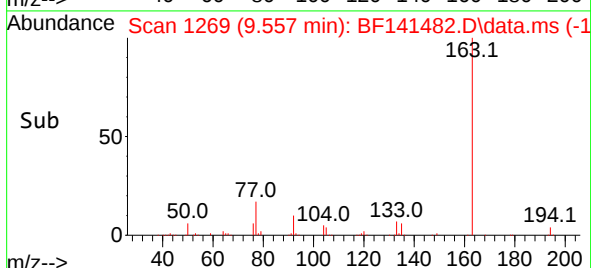
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

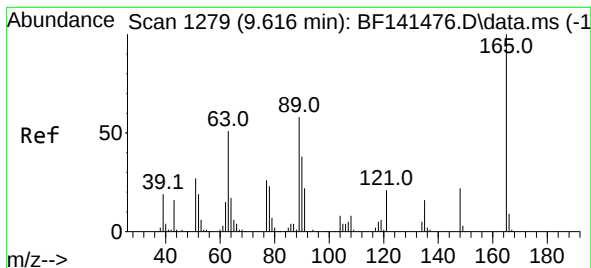


#50
Dimethylphthalate
Concen: 47.403 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:163 Resp: 657316
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





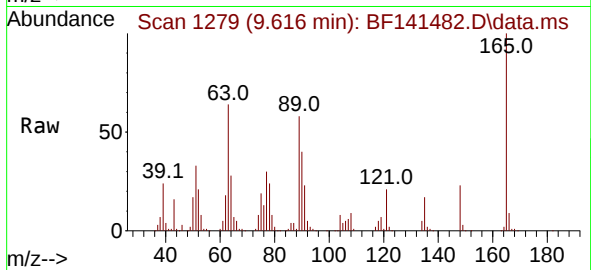
#51
2,6-Dinitrotoluene
Concen: 47.972 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

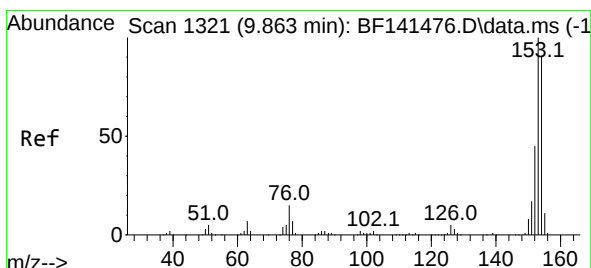
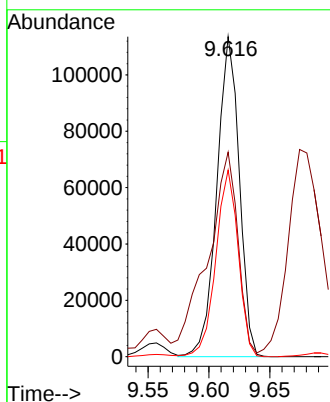
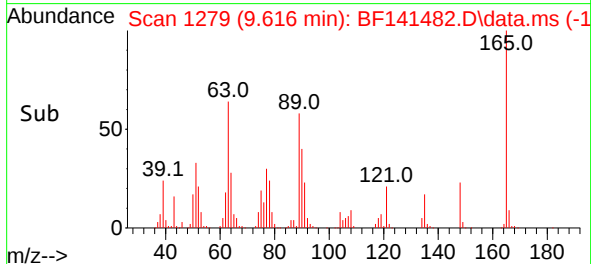


Tgt Ion:165 Resp: 145418
Ion Ratio Lower Upper
165 100
63 63.9 49.4 74.0
89 58.3 46.5 69.7

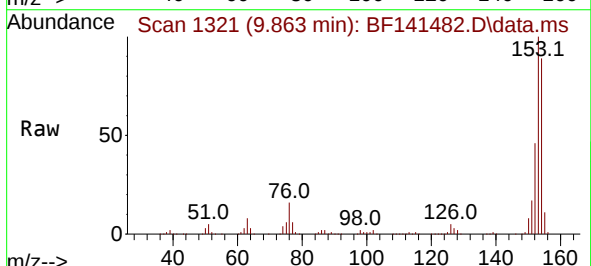
Manual Integrations

APPROVED

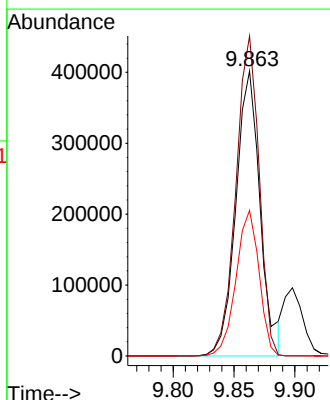
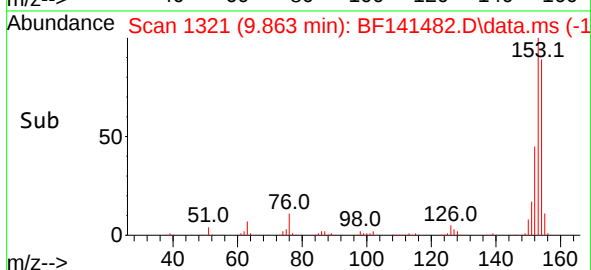
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

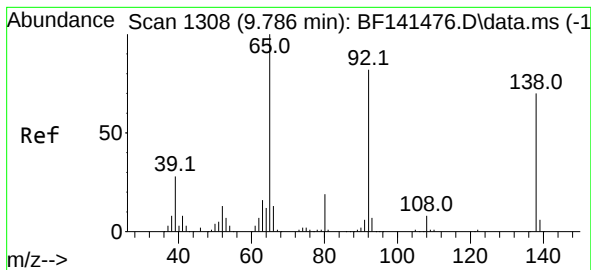


#52
Acenaphthene
Concen: 47.531 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



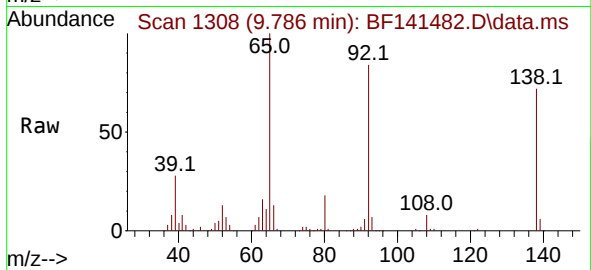
Tgt Ion:154 Resp: 556564
Ion Ratio Lower Upper
154 100
153 112.3 89.2 133.8
152 51.1 39.8 59.8





#53
3-Nitroaniline
Concen: 28.207 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

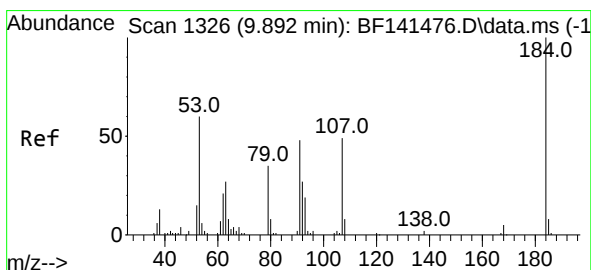
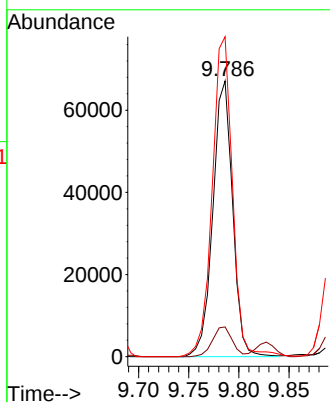
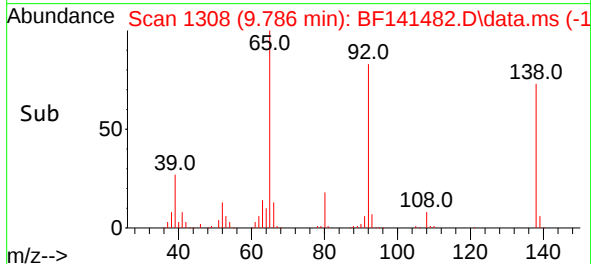
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:138 Resp: 92029
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 116.1 93.7 140.5

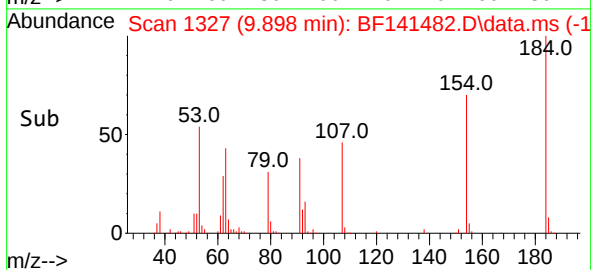
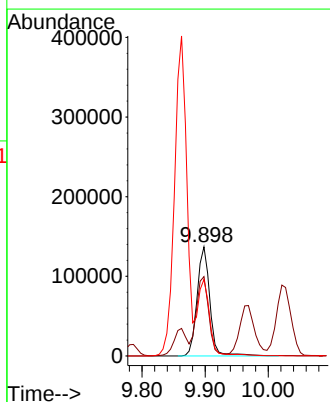
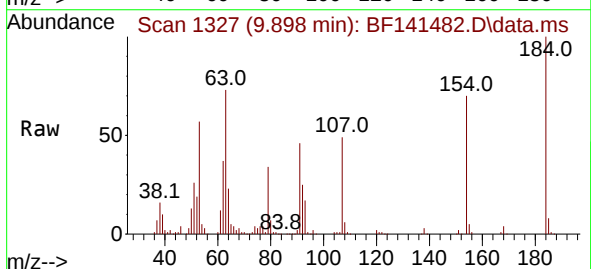
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 106.852 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

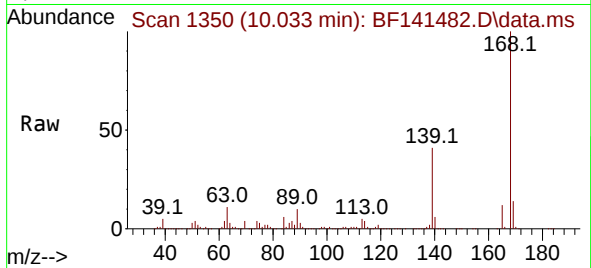
Tgt Ion:184 Resp: 192504
Ion Ratio Lower Upper
184 100
63 72.8 61.0 91.6
154 70.1 59.9 89.9





#55
Dibenzofuran
Concen: 45.279 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

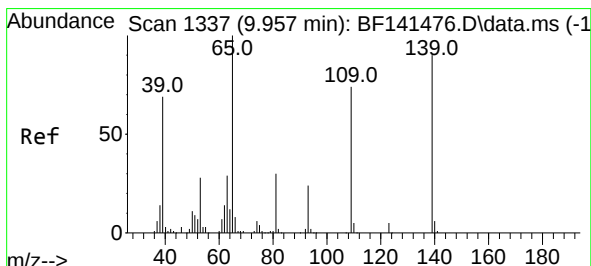
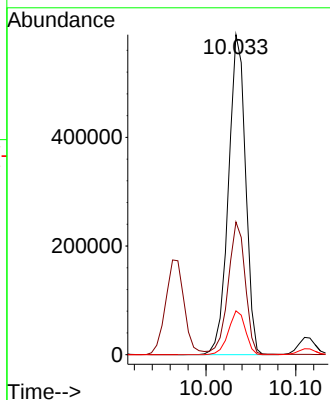
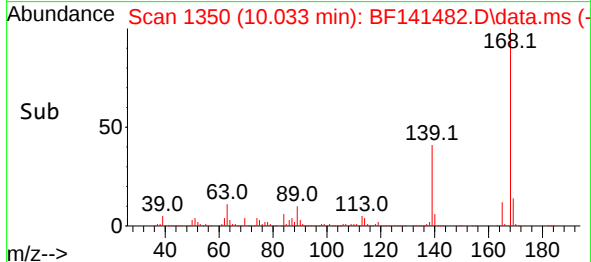
Instrument :
BNA_F
ClientSampleId :
PB166468BS



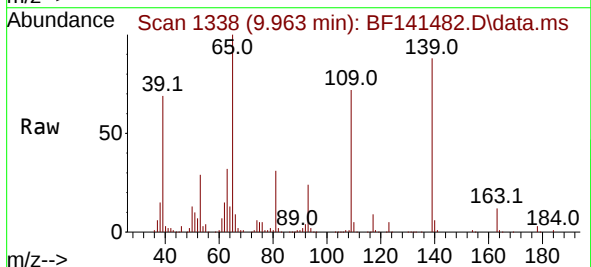
Tgt Ion:168 Resp: 77823
Ion Ratio Lower Upper
168 100
139 41.5 32.7 49.1
169 13.7 10.8 16.2

Manual Integrations
APPROVED

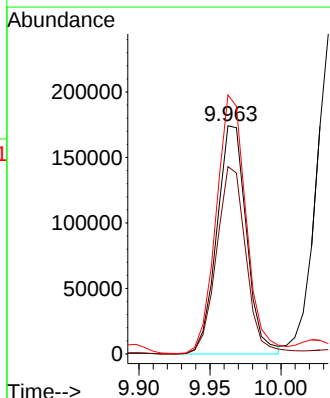
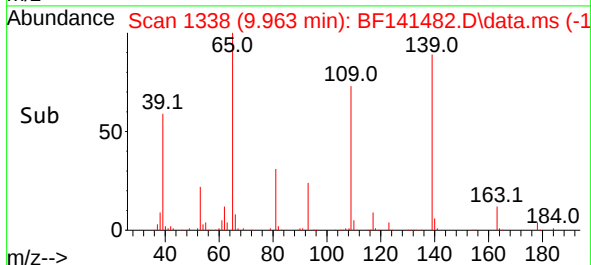
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#56
4-Nitrophenol
Concen: 104.148 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:139 Resp: 252242
Ion Ratio Lower Upper
139 100
109 82.1 62.0 102.0
65 113.5 91.2 131.2





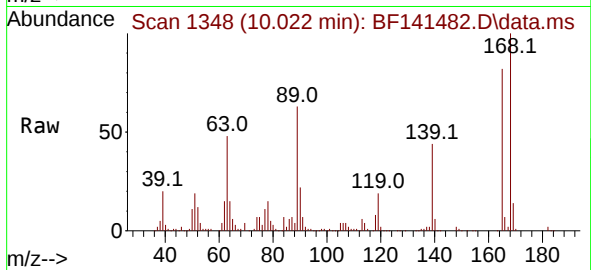
#57
2,4-Dinitrotoluene
Concen: 50.574 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

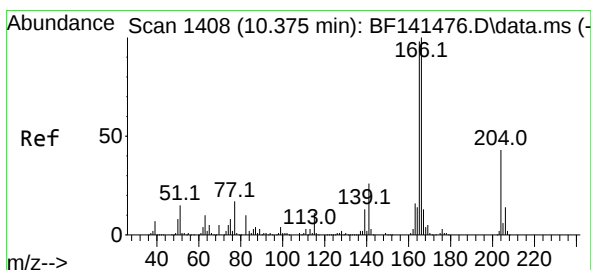
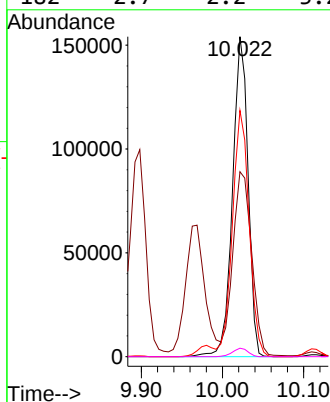
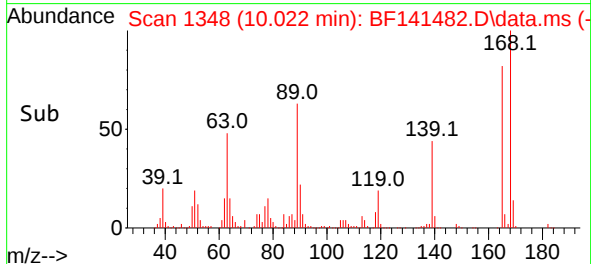


Tgt Ion:165 Resp: 204080
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 77.0 61.8 92.6
182 2.7 2.2 3.2

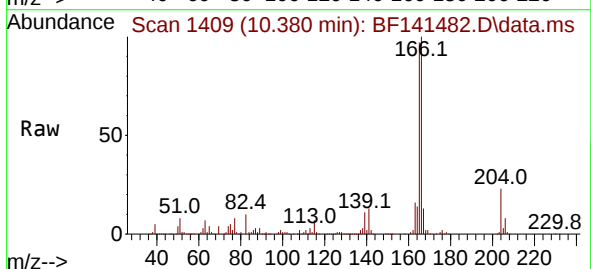
Manual Integrations

APPROVED

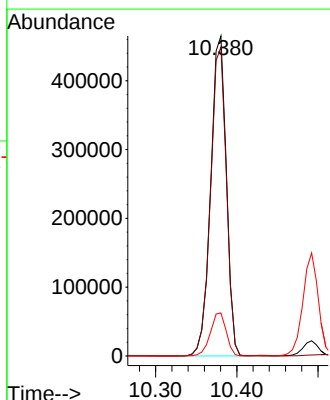
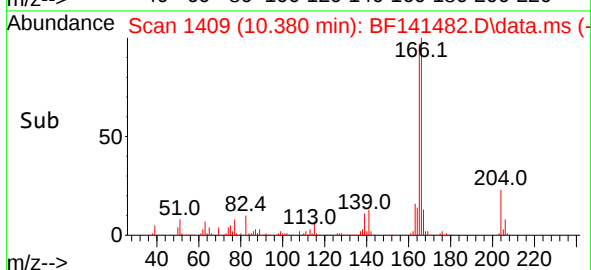
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#58
Fluorene
Concen: 46.928 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



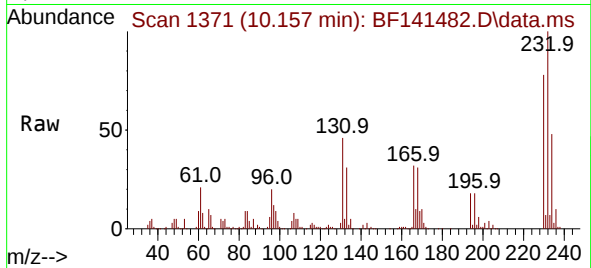
Tgt Ion:166 Resp: 623639
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.449 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

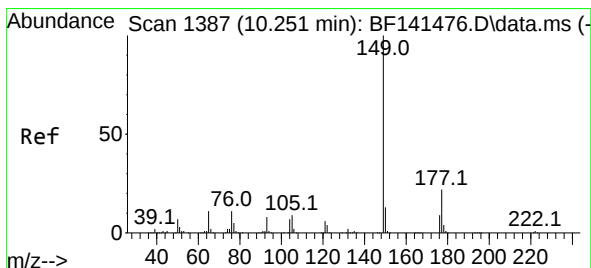
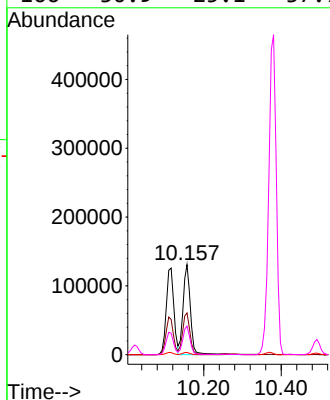
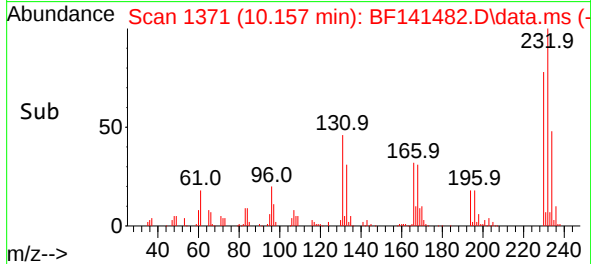
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:232 Resp: 17265
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.5 2.1 3.1
166 30.9 25.1 37.7

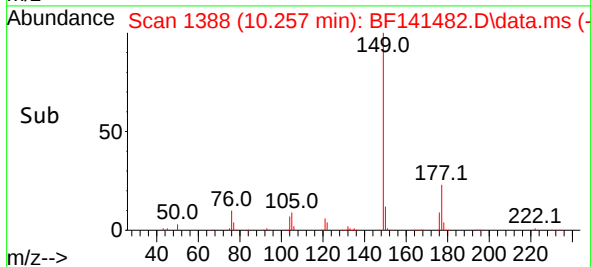
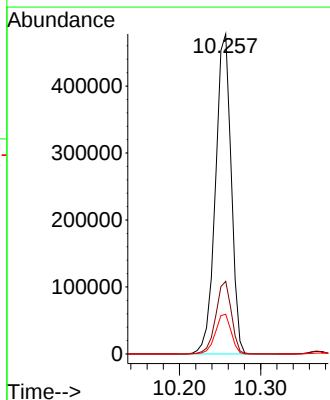
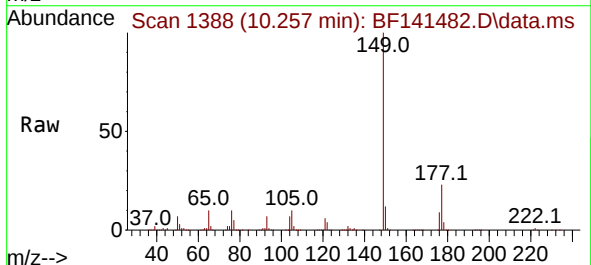
Manual Integrations
APPROVED

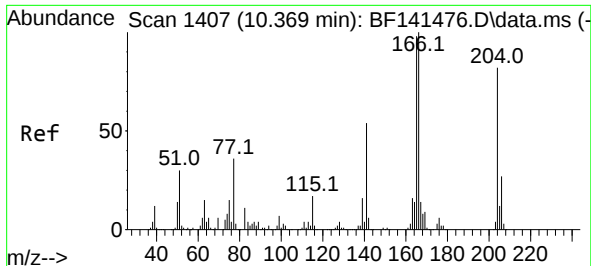
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#60
Diethylphthalate
Concen: 47.032 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

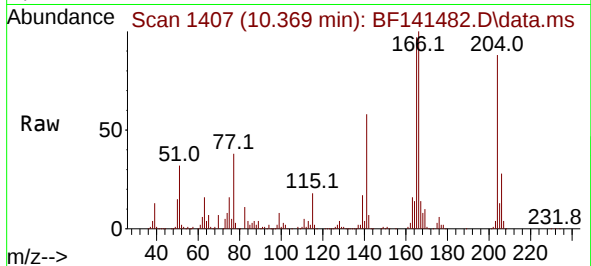
Tgt Ion:149 Resp: 641660
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.770 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

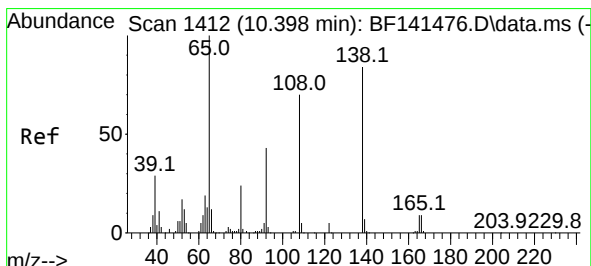
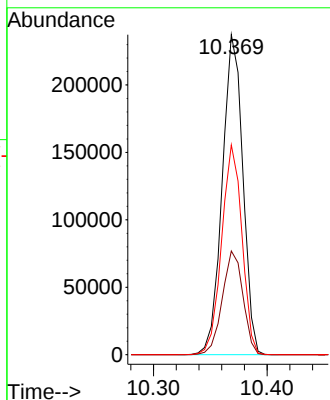
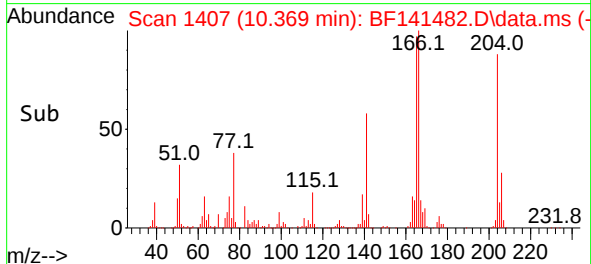
Instrument :
BNA_F
ClientSampleId :
PB166468BS



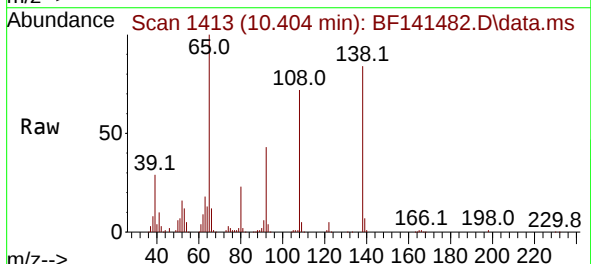
Tgt Ion:204 Resp: 299014
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.6 51.9 77.9

Manual Integrations
APPROVED

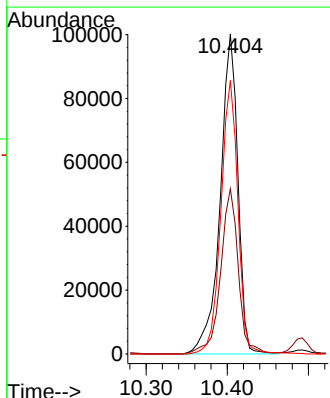
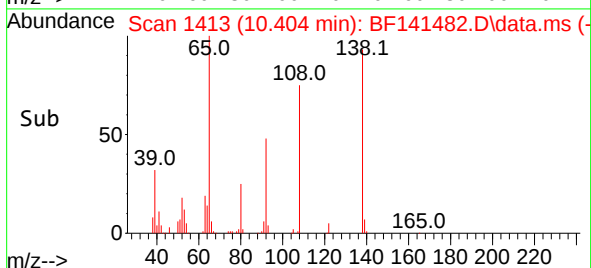
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

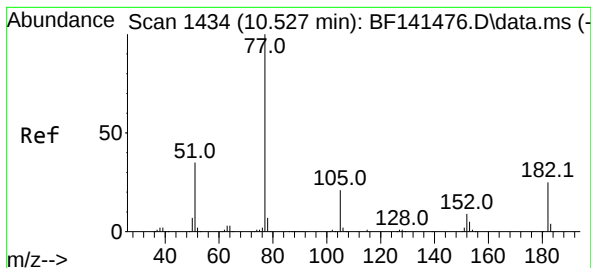


#62
4-Nitroaniline
Concen: 46.007 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:138 Resp: 152415
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 85.5 63.7 103.7





#63

Azobenzene

Concen: 46.047 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 77 Resp: 624528

Ion Ratio Lower Upper

77 100

182 26.7 4.7 44.7

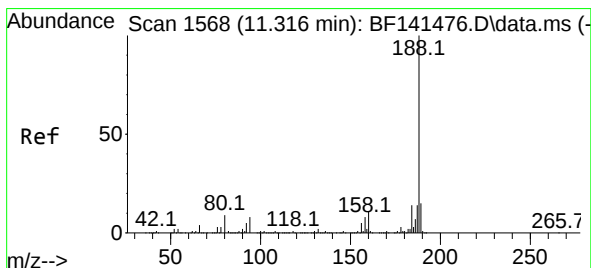
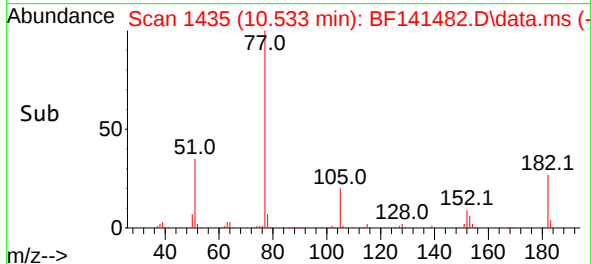
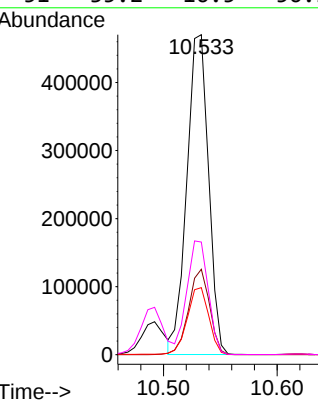
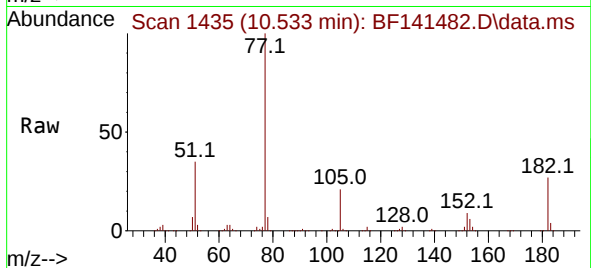
105 21.0 0.4 40.4

51 35.2 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

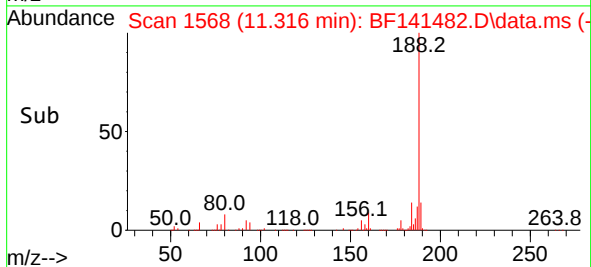
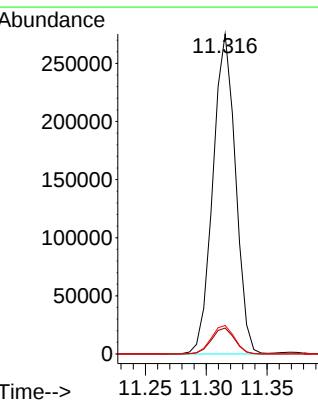
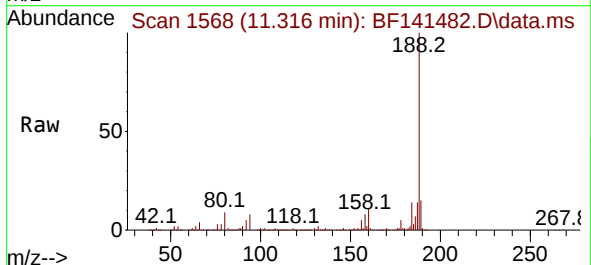
Tgt Ion:188 Resp: 356168

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.9 7.3 10.9





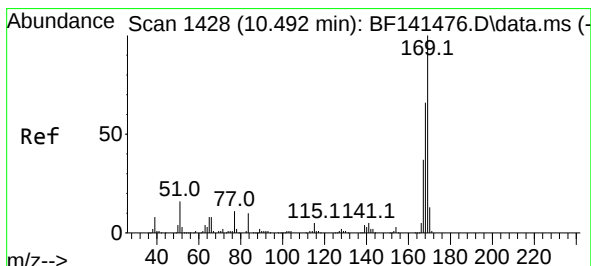
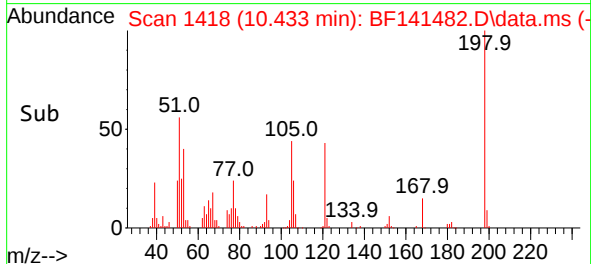
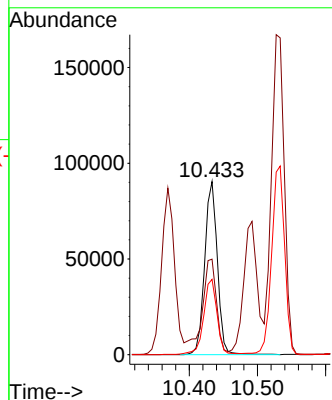
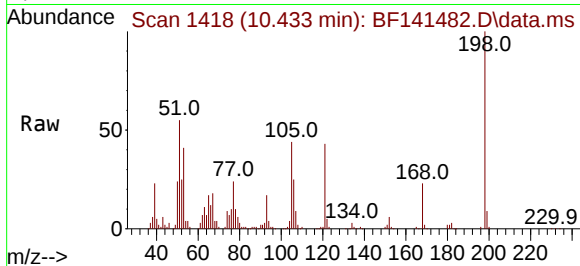
#65
4,6-Dinitro-2-methylphenol
Concen: 47.439 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion:198 Resp: 11737
Ion Ratio Lower Upper
198 100
51 55.1 37.4 77.4
105 43.5 25.2 65.2

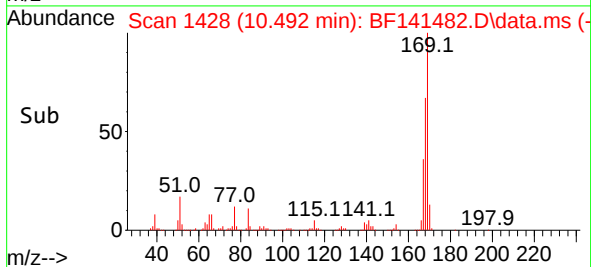
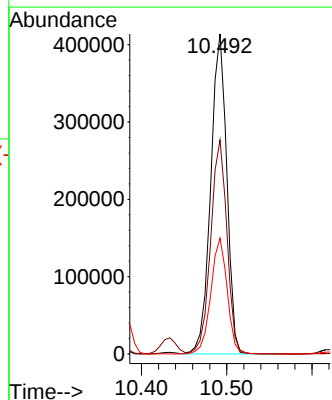
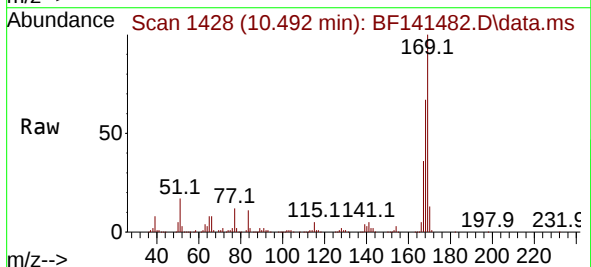
Manual Integrations
APPROVED

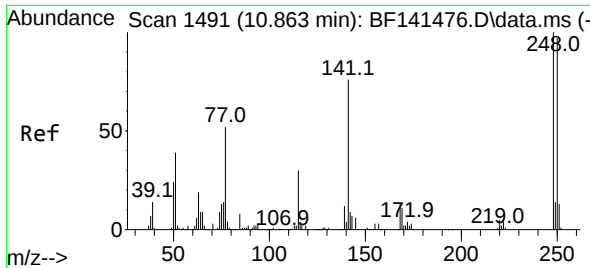
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 47.471 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:169 Resp: 541228
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 46.775 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

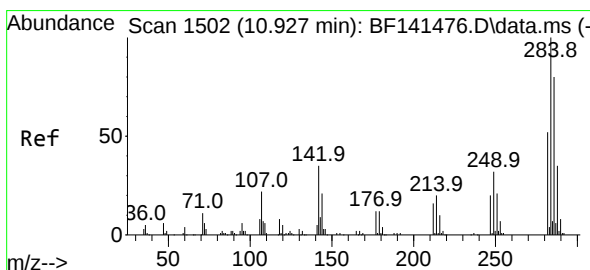
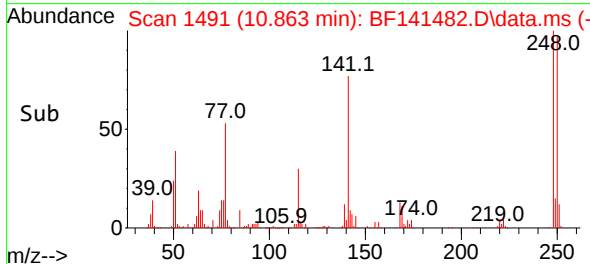
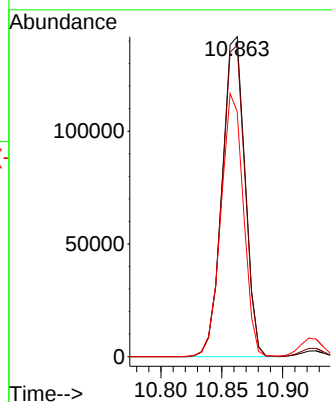
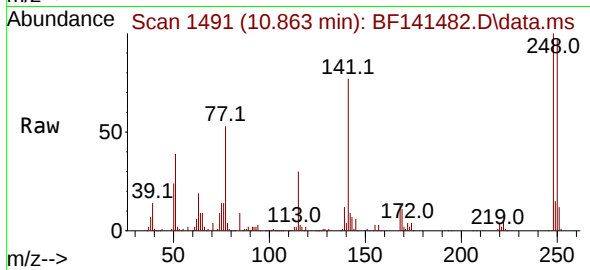
PB166468BS

Tgt Ion:248 Resp: 18619
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 76.6 60.6 90.8

Manual Integrations

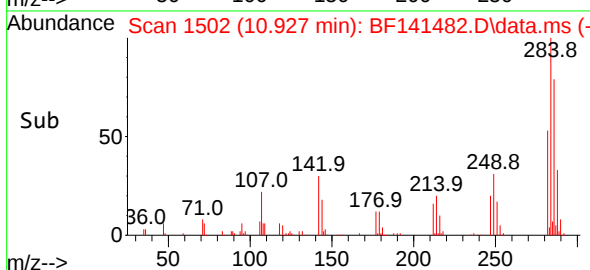
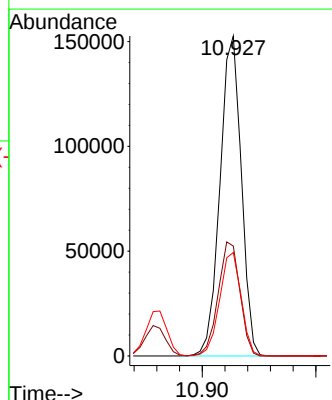
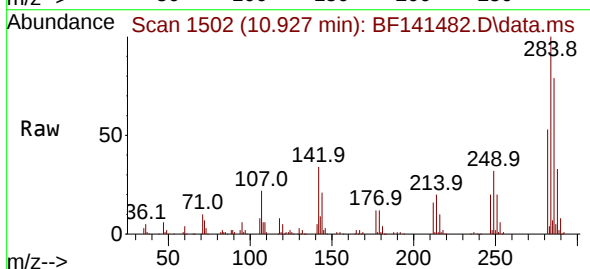
APPROVED

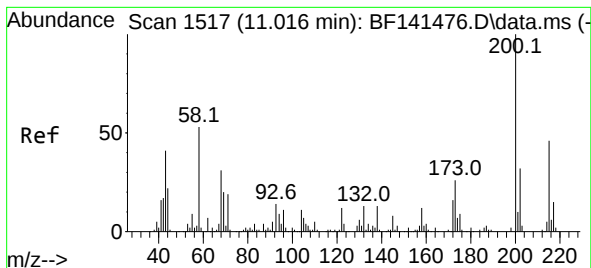
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#68
Hexachlorobenzene
Concen: 48.522 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:284 Resp: 198890
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 32.3 25.8 38.8





#69

Atrazine

Concen: 62.456 ng

RT: 11.021 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

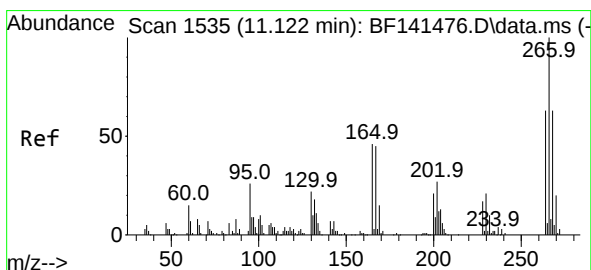
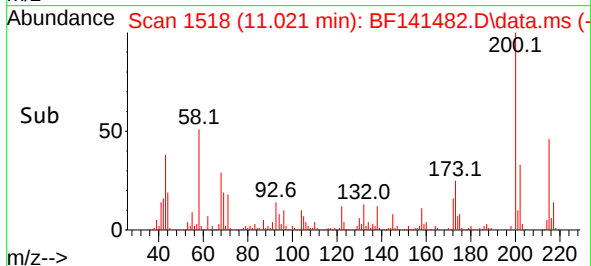
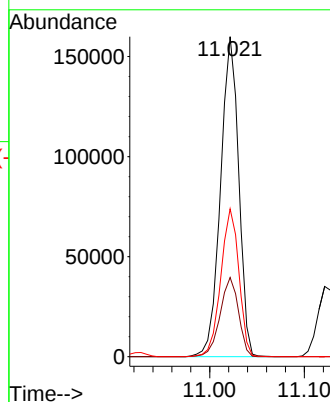
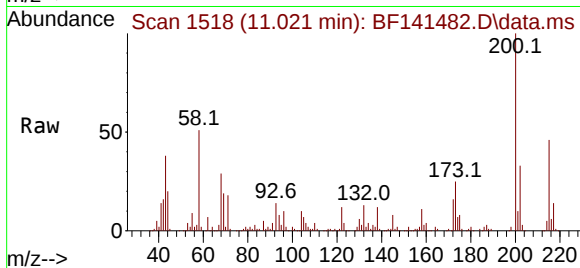
PB166468BS

Tgt Ion:200 Resp: 21362
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.9 45.9
 215 46.2 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#70

Pentachlorophenol

Concen: 95.888 ng

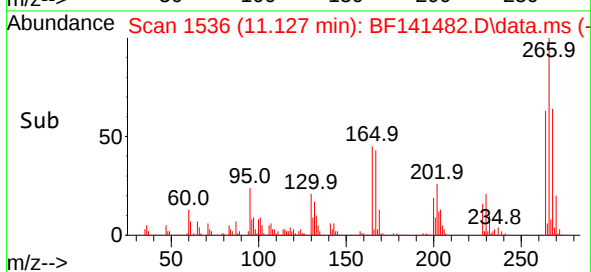
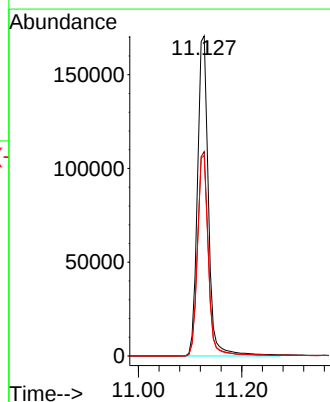
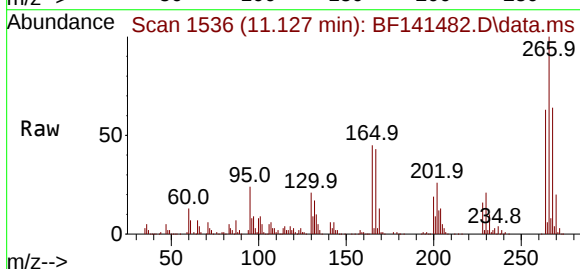
RT: 11.127 min Scan# 1536

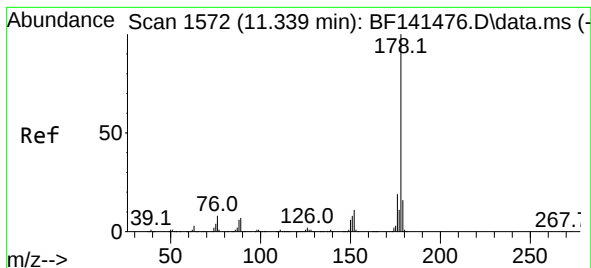
Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

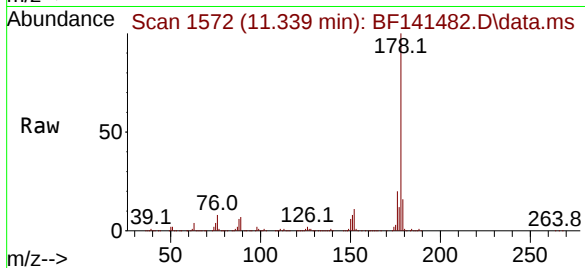
Tgt Ion:266 Resp: 251321
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.1 75.1
 264 62.6 50.1 75.1





#71
Phenanthrene
Concen: 47.206 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

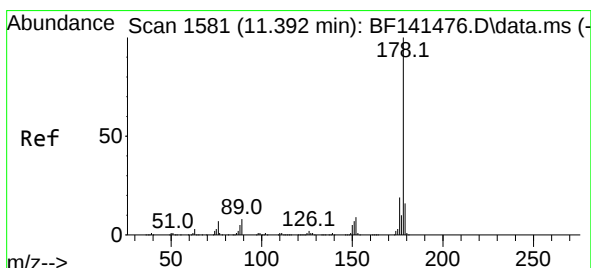
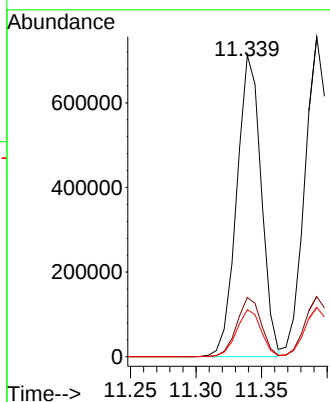
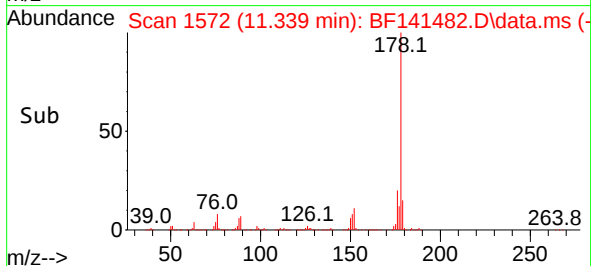
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:178 Resp: 925505
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.4 18.6

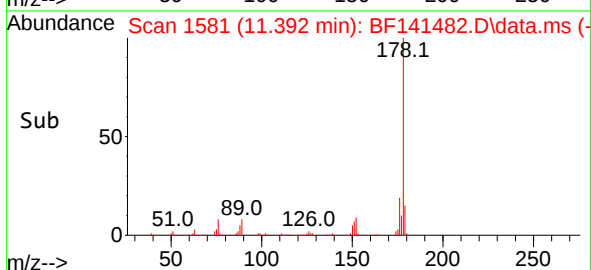
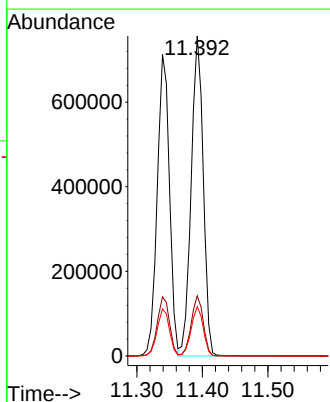
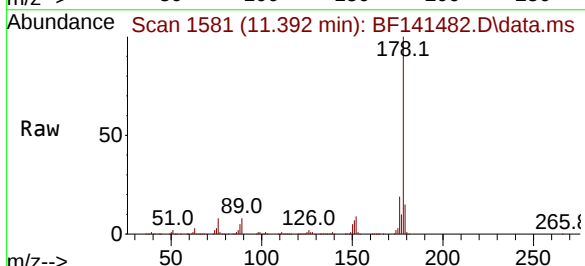
Manual Integrations
APPROVED

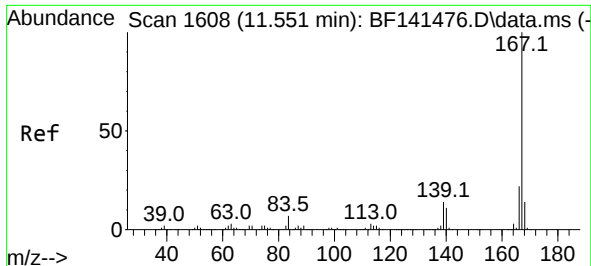
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 49.020 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

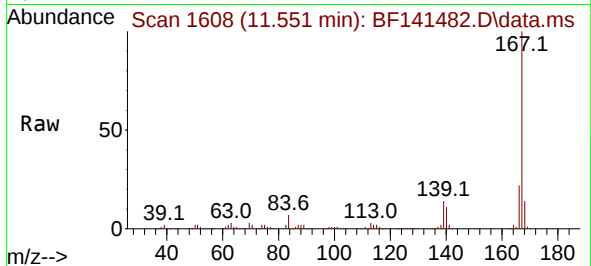
Tgt Ion:178 Resp: 966105
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 47.464 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

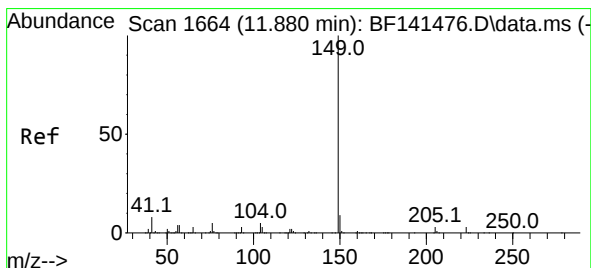
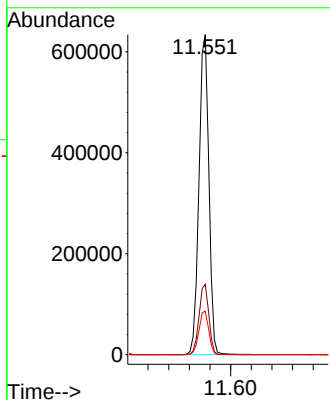
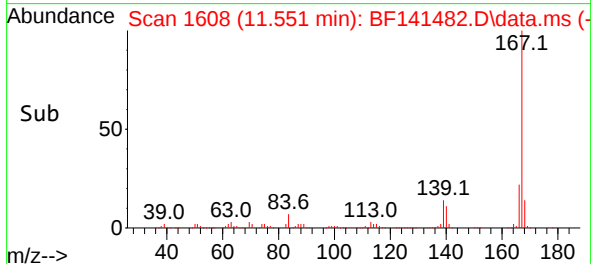
Instrument : BNA_F
 ClientSampleId : PB166468BS



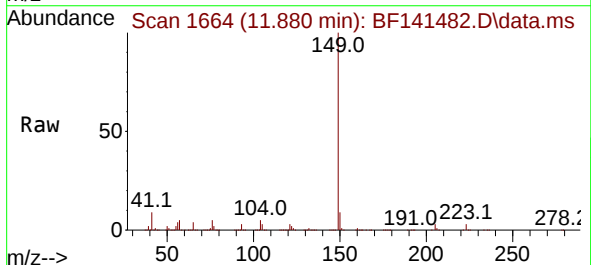
Tgt Ion:167 Resp: 84169
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.6 10.9 16.3

Manual Integrations
 APPROVED

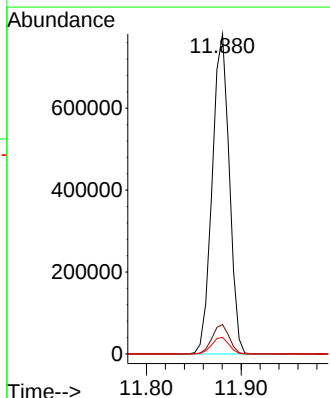
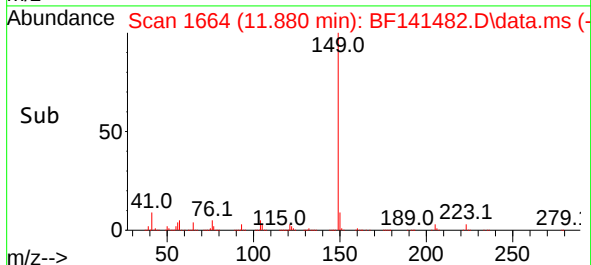
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

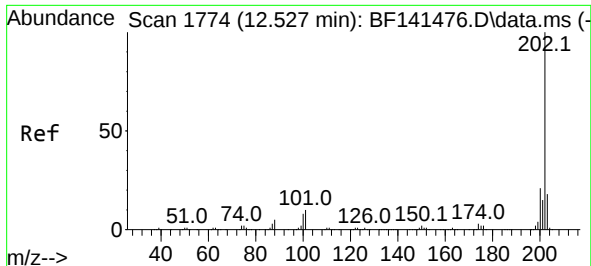


#74
 Di-n-butylphthalate
 Concen: 47.838 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09



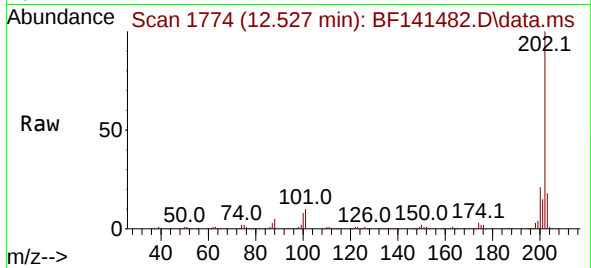
Tgt Ion:149 Resp: 979522
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 47.252 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

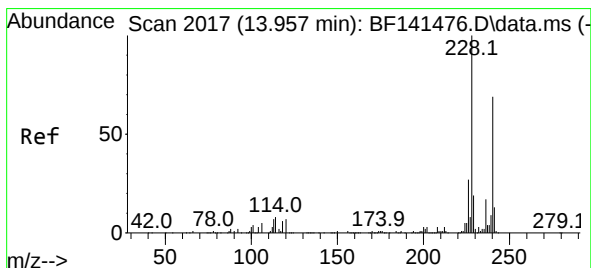
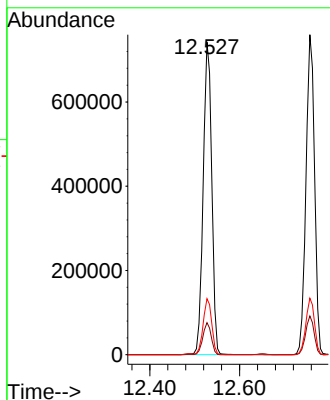
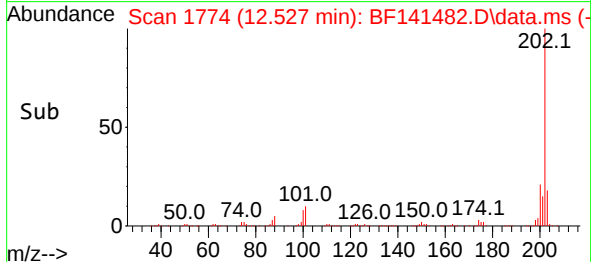
Instrument :
BNA_F
ClientSampleId :
PB166468BS



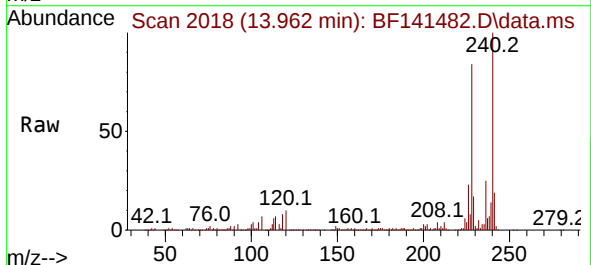
Tgt Ion:202 Resp: 98215
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.9 0.0 37.6

Manual Integrations
APPROVED

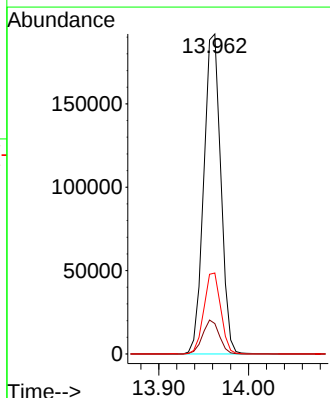
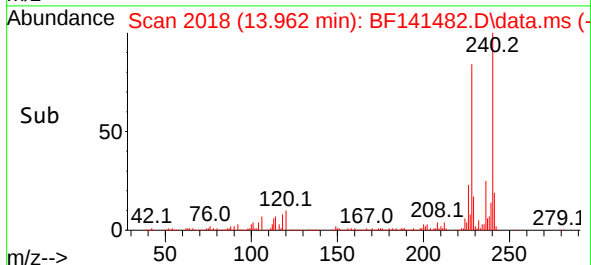
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

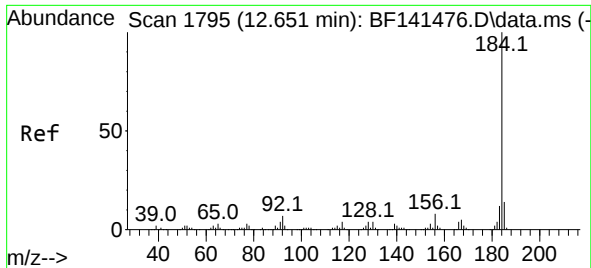


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



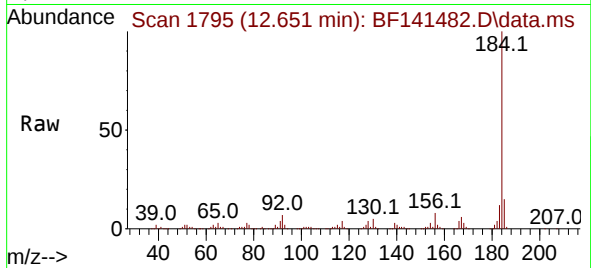
Tgt Ion:240 Resp: 252550
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.3 19.8 29.8





#77
Benzidine
Concen: 64.195 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

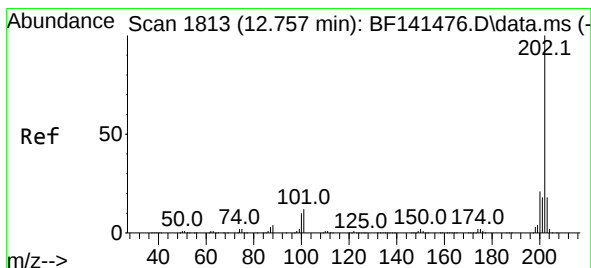
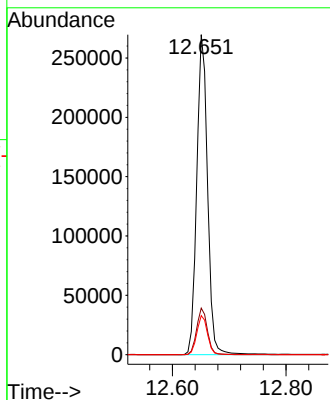
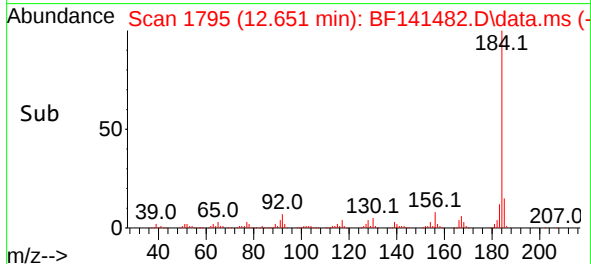
Instrument :
BNA_F
ClientSampleId :
PB166468BS



Tgt Ion:184 Resp: 357554
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.2 9.3 13.9

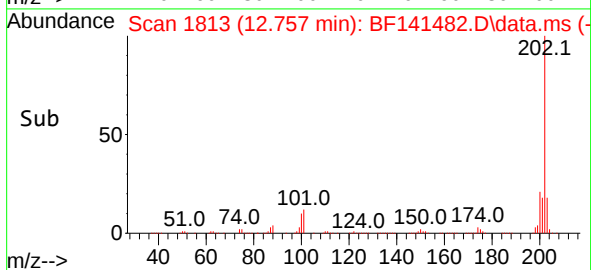
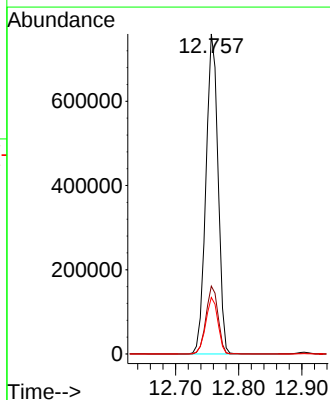
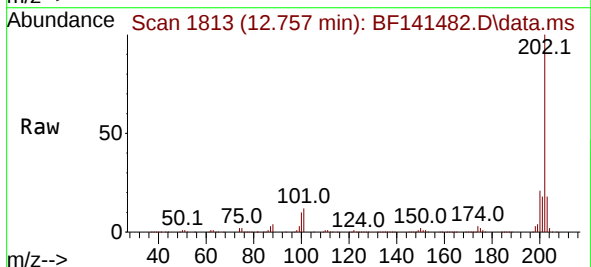
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#78
Pyrene
Concen: 47.008 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:202 Resp: 1010616
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





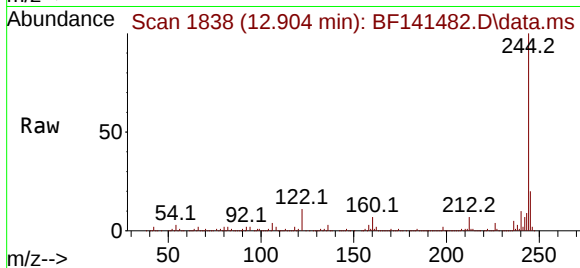
#79
 Terphenyl-d14
 Concen: 103.459 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

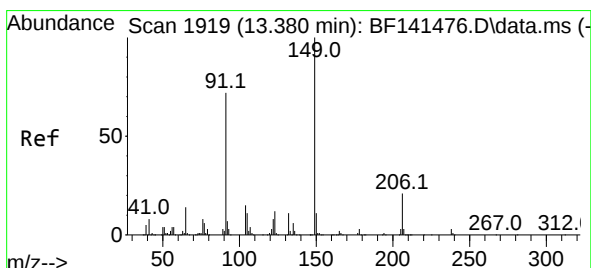
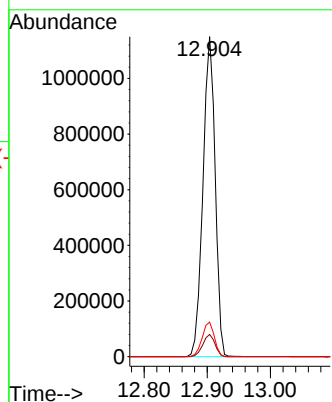
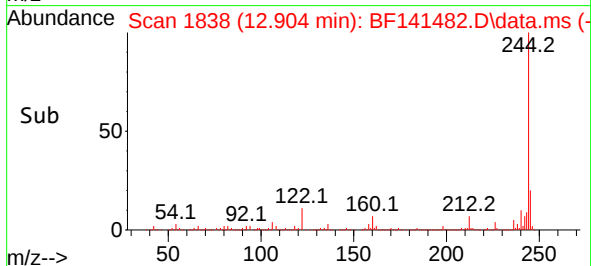


Tgt Ion:244 Resp: 154774
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 8.4 12.6

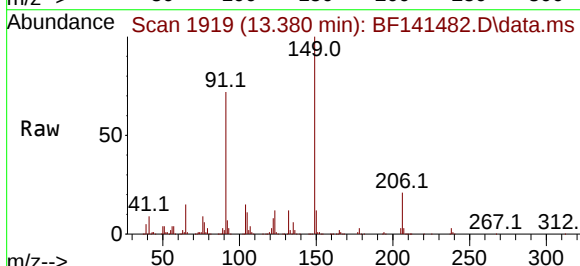
Manual Integrations

APPROVED

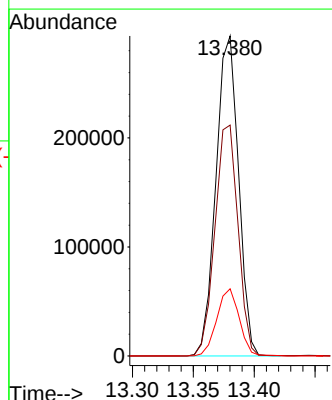
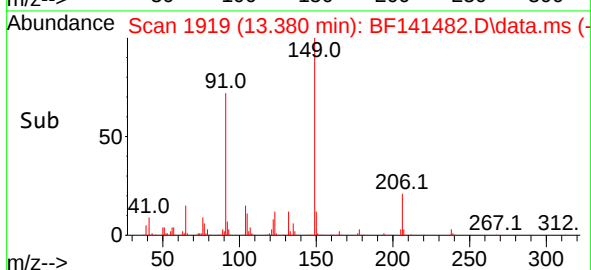
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

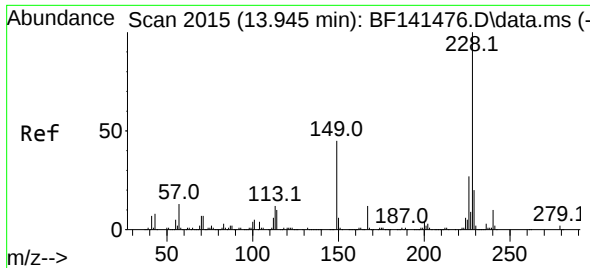


#80
 Butylbenzylphthalate
 Concen: 50.934 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09



Tgt Ion:149 Resp: 379285
 Ion Ratio Lower Upper
 149 100
 91 72.1 57.8 86.8
 206 21.0 16.7 25.1





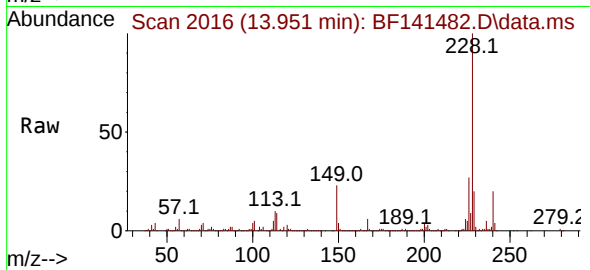
#81
Benzo(a)anthracene
Concen: 48.325 ng
RT: 13.951 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

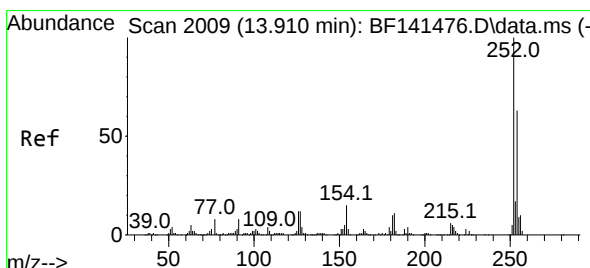
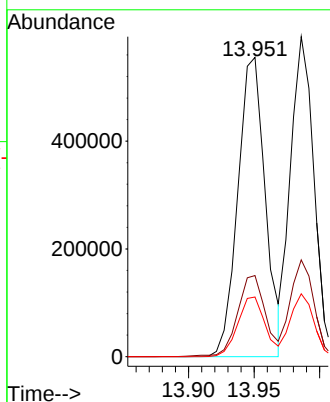
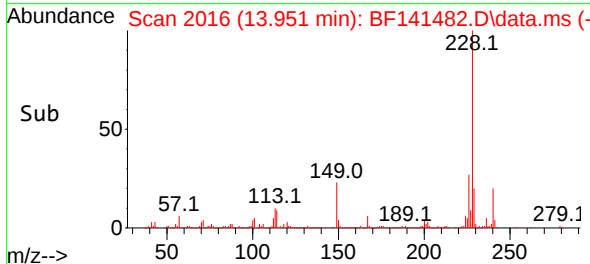


Tgt Ion:228 Resp: 81127
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 15.8 23.6

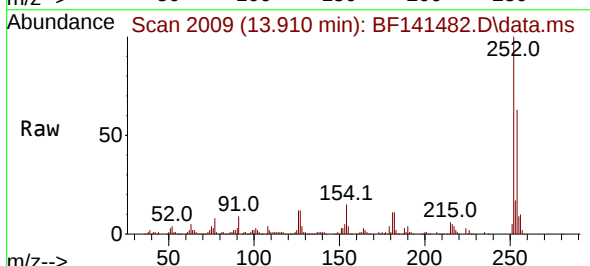
Manual Integrations

APPROVED

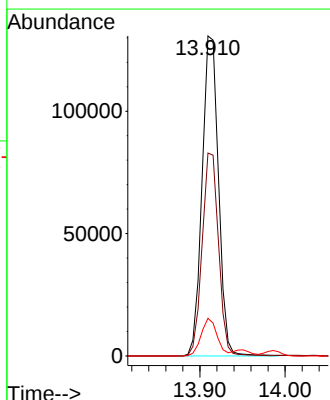
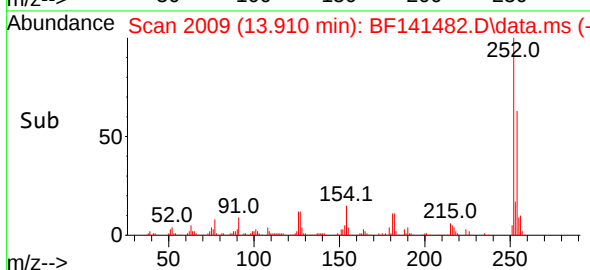
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

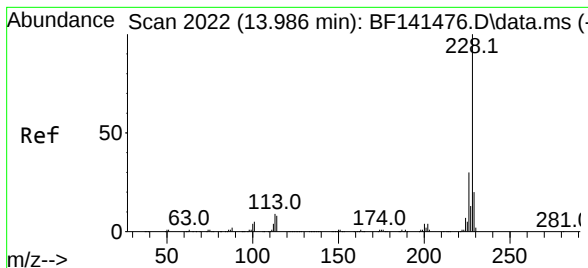


#82
3,3'-Dichlorobenzidine
Concen: 36.404 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:252 Resp: 175065
Ion Ratio Lower Upper
252 100
254 63.4 50.6 76.0
126 11.8 9.3 13.9





#83

Chrysene

Concen: 47.563 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

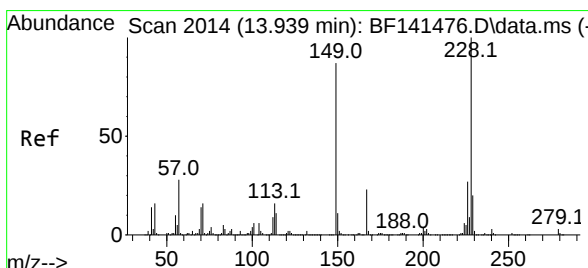
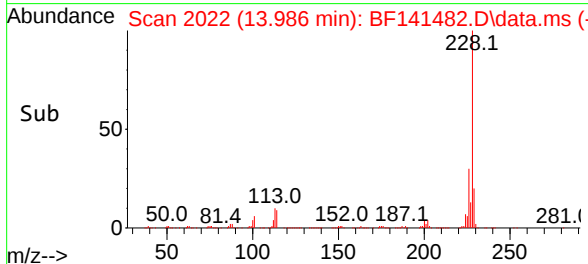
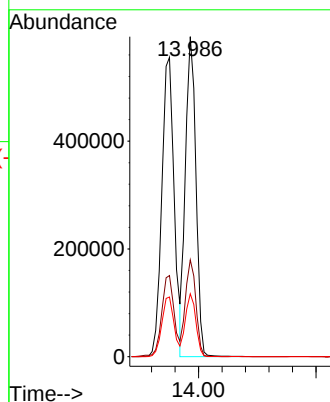
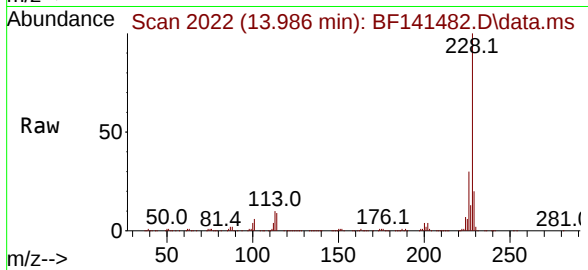
Tgt Ion:228 Resp: 737272

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.540 ng

RT: 13.939 min Scan# 2014

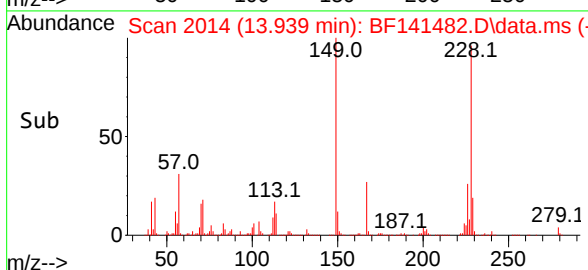
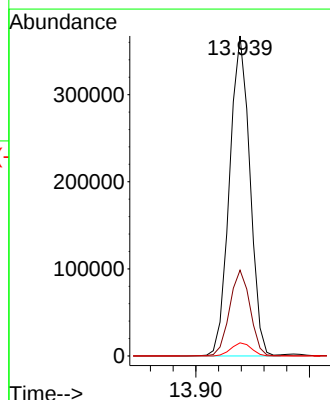
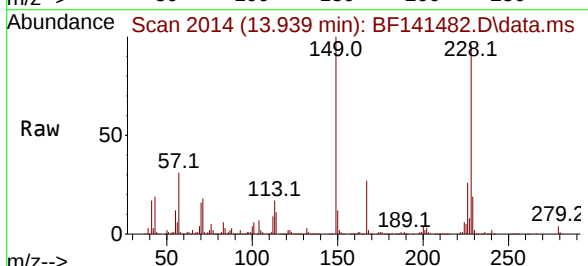
Delta R.T. -0.000 min

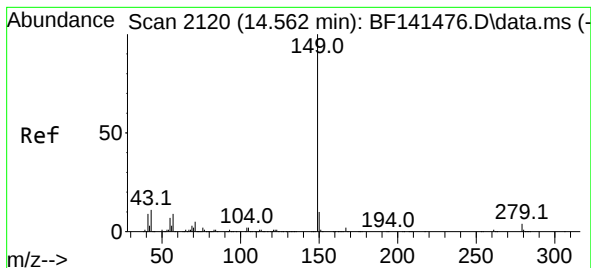
Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:149 Resp: 458061

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	4.1	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 53.850 ng

RT: 14.562 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

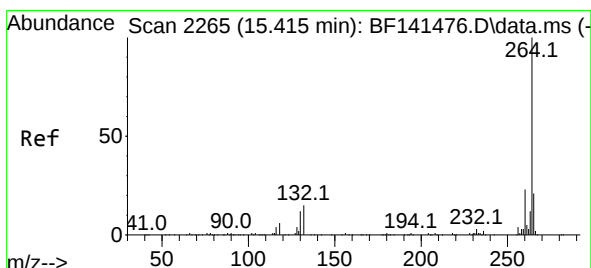
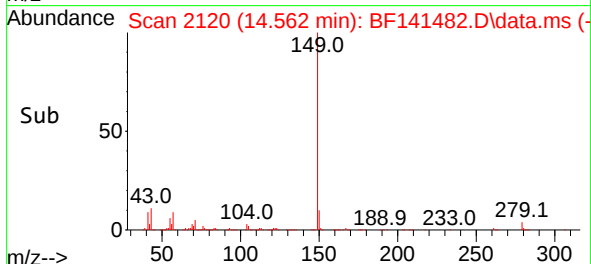
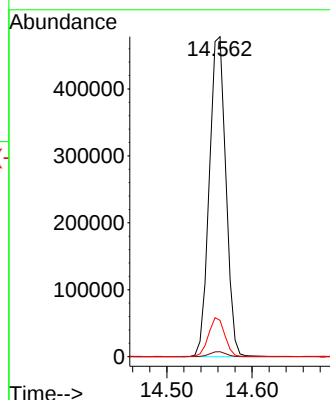
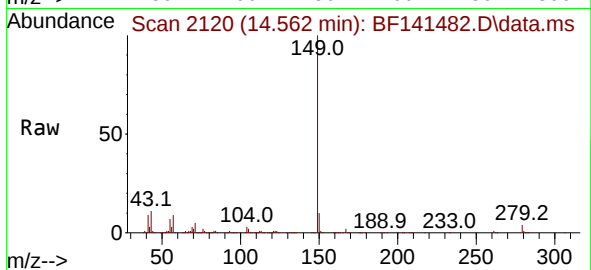
Tgt Ion:149 Resp: 645190

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

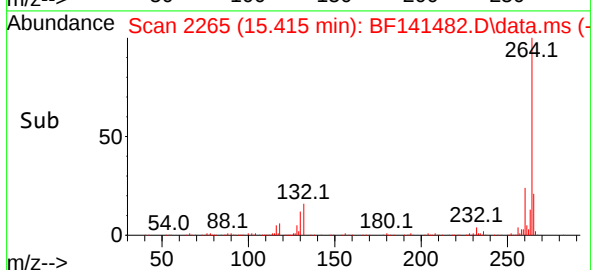
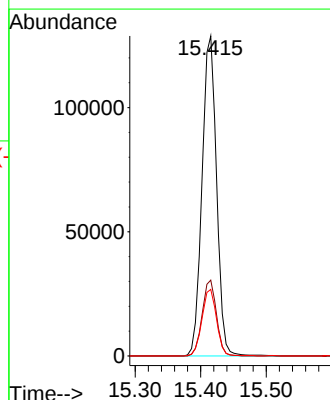
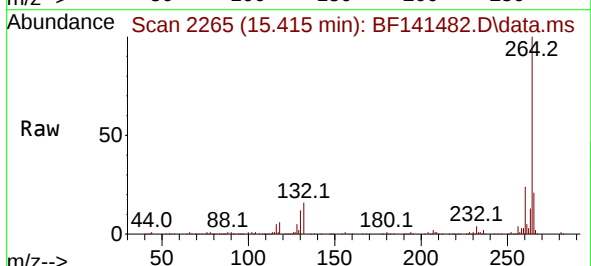
Delta R.T. -0.000 min

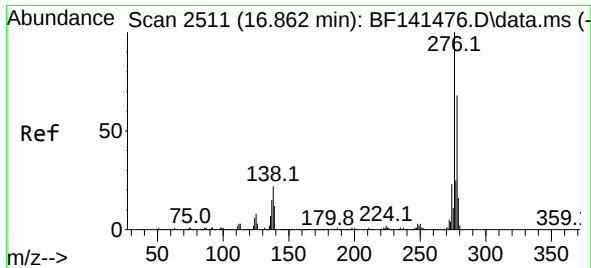
Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:264 Resp: 198967

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	20.8	17.0	25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.471 ng
RT: 16.856 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

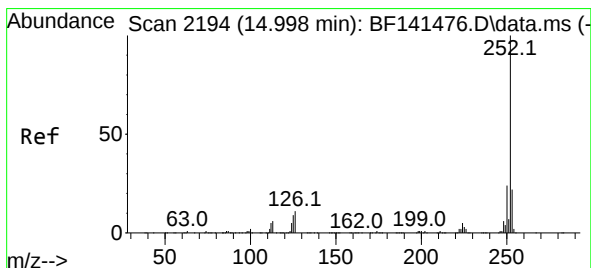
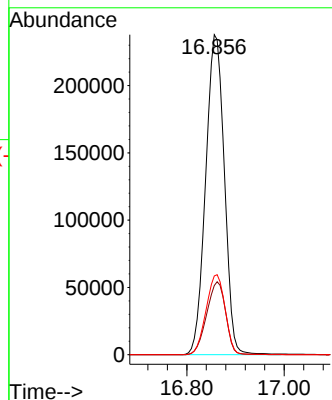
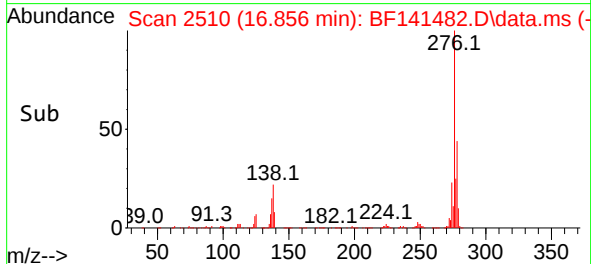
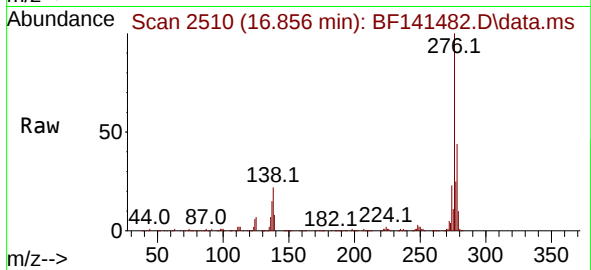
ClientSampleId :

PB166468BS

Tgt Ion:276 Resp: 632780
Ion Ratio Lower Upper
276 100
138 23.2 18.0 27.0
277 25.4 20.4 30.6

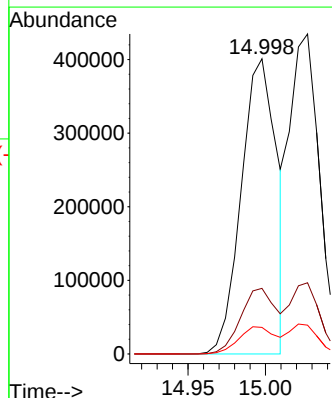
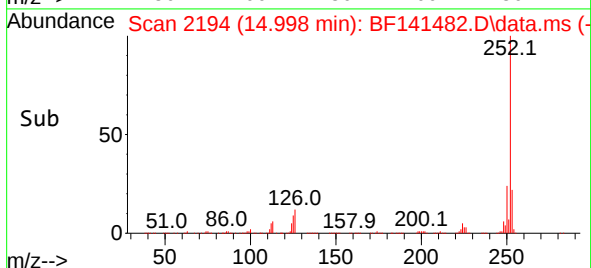
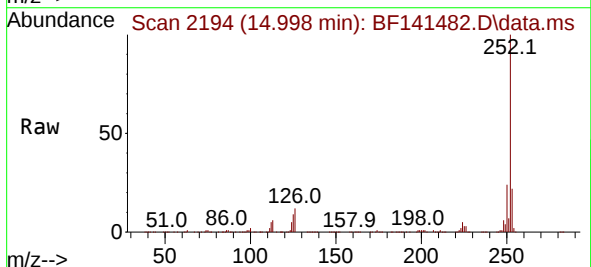
Manual Integrations
APPROVED

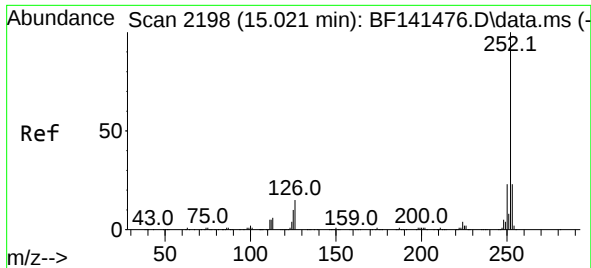
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#88
Benzo(b)fluoranthene
Concen: 47.671 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

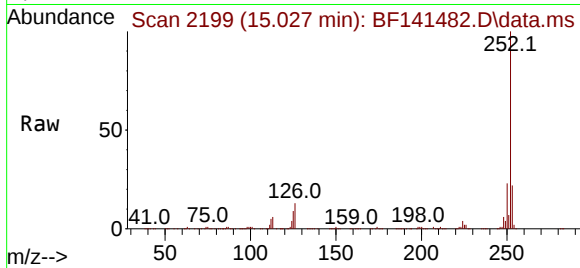
Tgt Ion:252 Resp: 636864
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.0 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 50.531 ng
RT: 15.027 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

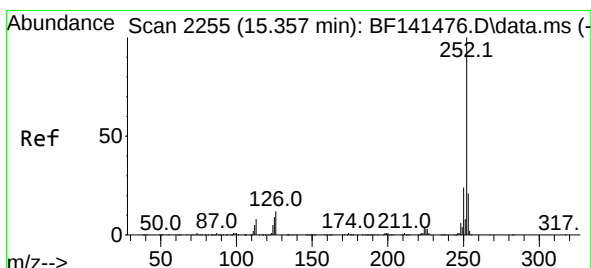
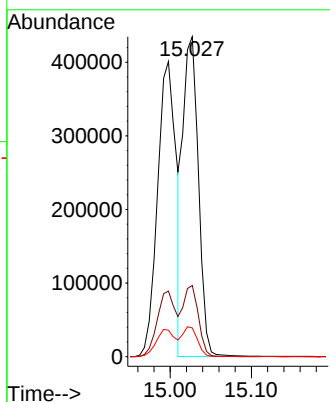
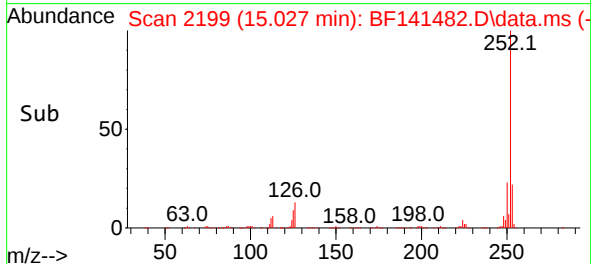
Instrument :
BNA_F
ClientSampleId :
PB166468BS



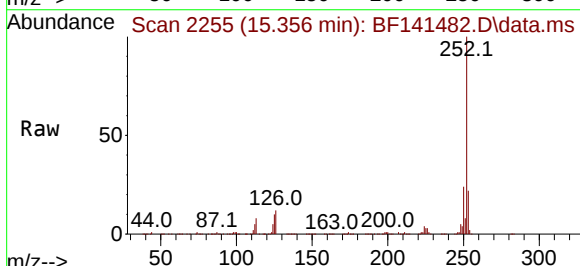
Tgt Ion:252 Resp: 576450
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.0 7.4 11.0

Manual Integrations
APPROVED

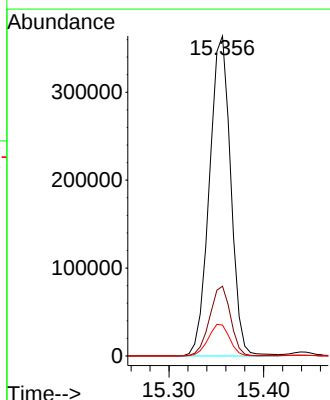
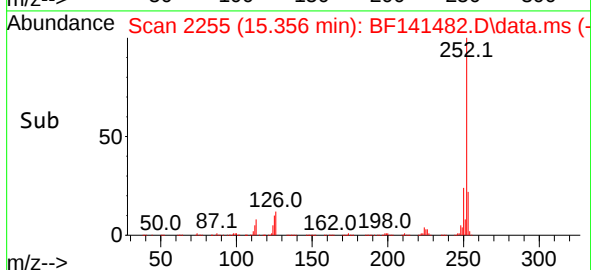
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#90
Benzo(a)pyrene
Concen: 52.669 ng
RT: 15.356 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



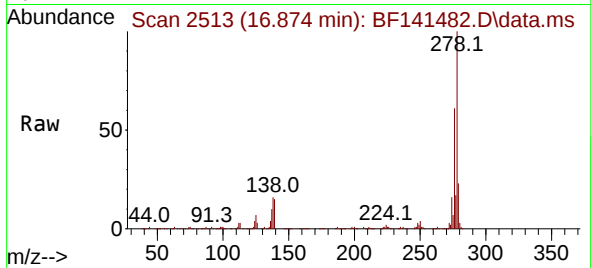
Tgt Ion:252 Resp: 569359
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 51.584 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

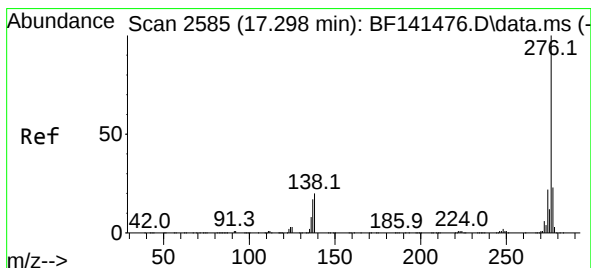
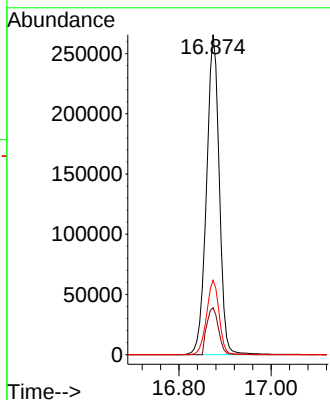
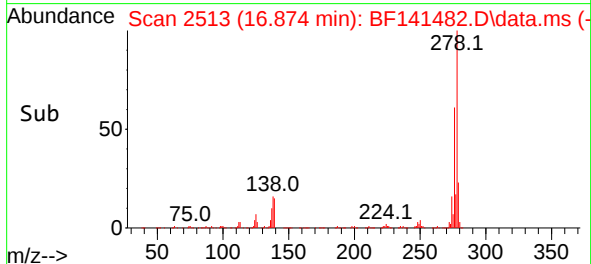
Instrument :
BNA_F
ClientSampleId :
PB166468BS



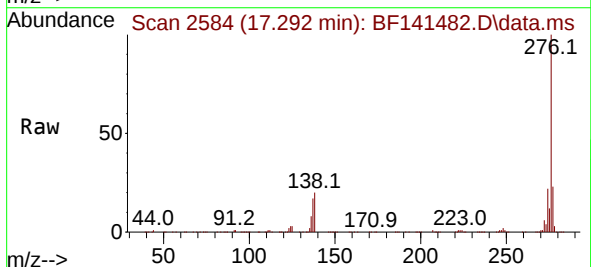
Tgt Ion:278 Resp: 51386
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.2 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#92
Benzo(g,h,i)perylene
Concen: 47.762 ng
RT: 17.292 min Scan# 2584
Delta R.T. -0.024 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:276 Resp: 497892
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 20.2 15.9 23.9

