

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141555.D
 Acq On : 11 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166641BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 12:40:42 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98554	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	391258	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	220324	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382864	20.000	ng	0.00
76) Chrysene-d12	13.957	240	259250	20.000	ng	0.00
86) Perylene-d12	15.404	264	202543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	791057	125.837	ng	0.01
7) Phenol-d6	6.434	99	993283	125.013	ng	0.00
23) Nitrobenzene-d5	7.357	82	662200	88.277	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	291680	131.788	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1266144	88.537	ng	0.00
79) Terphenyl-d14	12.898	244	1493792	97.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	100772	39.829	ng	99
3) Pyridine	3.316	79	242963	40.354	ng	98
4) n-Nitrosodimethylamine	3.269	42	162958	40.876	ng	98
6) Aniline	6.451	93	286812	38.482	ng	88
8) 2-Chlorophenol	6.575	128	294241	43.318	ng	98
9) Benzaldehyde	6.340	77	173724	41.145	ng	99
10) Phenol	6.445	94	348685	42.164	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	264747	42.623	ng	100
12) 1,3-Dichlorobenzene	6.728	146	301623	42.061	ng	99
13) 1,4-Dichlorobenzene	6.804	146	310923	42.436	ng	99
14) 1,2-Dichlorobenzene	6.957	146	295105	43.397	ng	99
15) Benzyl Alcohol	6.934	79	258049	42.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	455151	42.806	ng	79
17) 2-Methylphenol	7.051	107	233550	43.936	ng	98
18) Hexachloroethane	7.298	117	117449	43.314	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	204888	43.110	ng	100
20) 3+4-Methylphenols	7.204	107	295706	43.773	ng	99
22) Acetophenone	7.198	105	449779	46.213	ng	# 98
24) Nitrobenzene	7.375	77	308363	42.156	ng	100
25) Isophorone	7.616	82	561611	46.955	ng	98
26) 2-Nitrophenol	7.686	139	160199	44.020	ng	97
27) 2,4-Dimethylphenol	7.728	122	234630	55.189	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	335627	43.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	251335	43.754	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	264468	42.279	ng	100
31) Naphthalene	8.092	128	854031	41.933	ng	100
32) Benzoic acid	7.869	122	189911	43.005	ng	99
33) 4-Chloroaniline	8.145	127	170881	24.032	ng	97
34) Hexachlorobutadiene	8.210	225	165112	43.968	ng	99
35) Caprolactam	8.522	113	86733m	49.591	ng	
36) 4-Chloro-3-methylphenol	8.633	107	276514	43.457	ng	99
37) 2-Methylnaphthalene	8.786	142	549494	41.461	ng	99
38) 1-Methylnaphthalene	8.881	142	534725	41.658	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	296238	46.474	ng	99
41) Hexachlorocyclopentadiene	8.939	237	323436	152.555	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	180200	43.740	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141555.D
 Acq On : 11 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166641BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 12:40:42 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

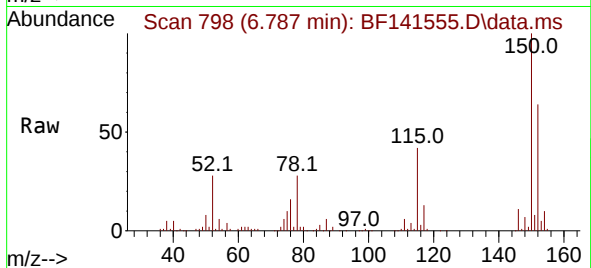
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187190	41.925	ng	99
46) 1,1'-Biphenyl	9.251	154	798452	46.744	ng	100
47) 2-Chloronaphthalene	9.275	162	543735	43.047	ng	99
48) 2-Nitroaniline	9.375	65	183710	43.338	ng	98
49) Acenaphthylene	9.686	152	847399	45.105	ng	99
50) Dimethylphthalate	9.551	163	648306	43.344	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143153	43.781	ng	99
52) Acenaphthene	9.863	154	531720	42.098	ng	99
53) 3-Nitroaniline	9.786	138	95888	27.247	ng	98
54) 2,4-Dinitrophenol	9.898	184	186814	96.132	ng	95
55) Dibenzofuran	10.033	168	762826	41.146	ng	100
56) 4-Nitrophenol	9.963	139	235458	90.129	ng	97
57) 2,4-Dinitrotoluene	10.022	165	195342	44.877	ng	99
58) Fluorene	10.375	166	617507	43.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166933	43.427	ng	96
60) Diethylphthalate	10.251	149	630385	42.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	297608	43.155	ng	98
62) 4-Nitroaniline	10.404	138	148745	41.625	ng	98
63) Azobenzene	10.527	77	613471	41.933	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	118527	44.566	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533140	43.501	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	185946	43.455	ng	97
68) Hexachlorobenzene	10.922	284	195967	44.475	ng	97
69) Atrazine	11.022	200	211913	57.636	ng	99
70) Pentachlorophenol	11.122	266	239236	84.913	ng	99
71) Phenanthrene	11.339	178	920349	43.670	ng	100
72) Anthracene	11.392	178	953911	45.027	ng	100
73) Carbazole	11.545	167	820868	43.062	ng	100
74) Di-n-butylphthalate	11.874	149	984268	44.718	ng	100
75) Fluoranthene	12.527	202	969771	43.403	ng	99
77) Benzidine	12.651	184	375352	65.649	ng	99
78) Pyrene	12.757	202	973088	44.093	ng	100
80) Butylbenzylphthalate	13.374	149	366834	47.989	ng	99
81) Benzo(a)anthracene	13.945	228	750425	43.545	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	144570	29.286	ng	100
83) Chrysene	13.980	228	679672	42.714	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	443280	51.416	ng	100
85) Di-n-octyl phthalate	14.551	149	598210	48.638	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	587411	46.937	ng	99
88) Benzo(b)fluoranthene	14.986	252	589857	43.373	ng	99
89) Benzo(k)fluoranthene	15.015	252	476256	41.011	ng	99
90) Benzo(a)pyrene	15.345	252	494581	44.944	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	474734	46.815	ng	99
92) Benzo(g,h,i)perylene	17.286	276	462433	43.577	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

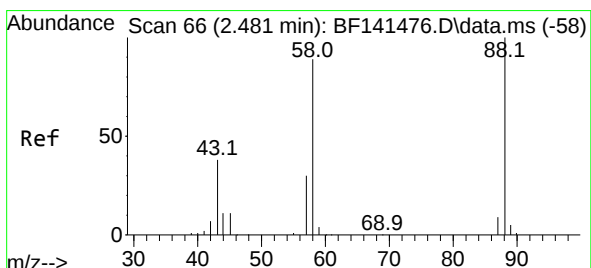
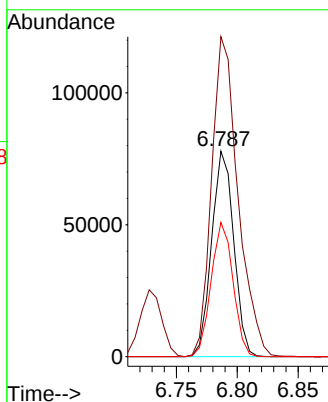
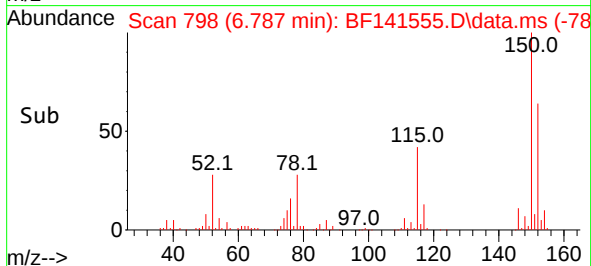
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:152 Resp: 98554
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 65.3 53.6 80.4

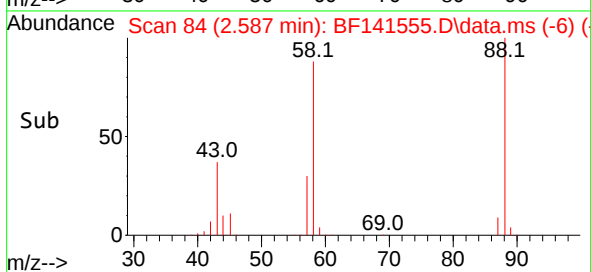
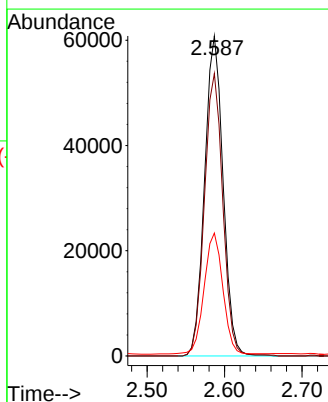
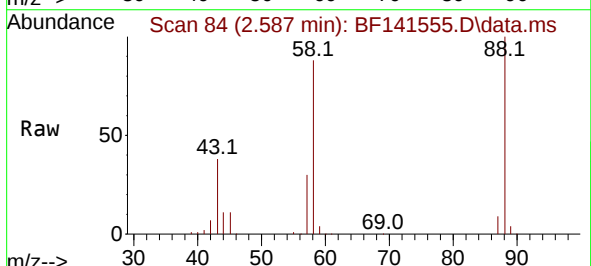
Manual Integrations
APPROVED

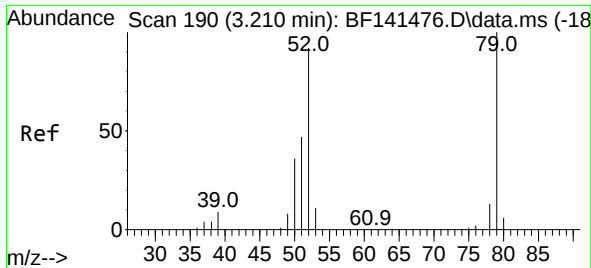
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 39.829 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.106 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 88 Resp: 100772
Ion Ratio Lower Upper
88 100
58 87.8 71.1 106.7
43 38.5 30.6 46.0





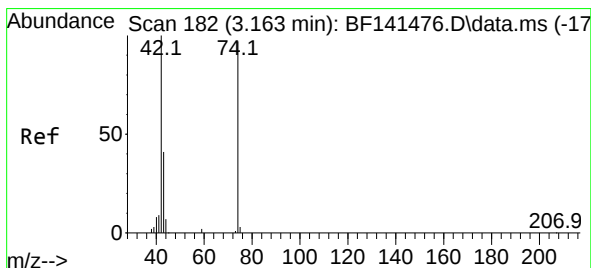
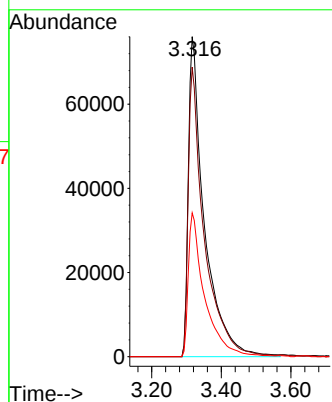
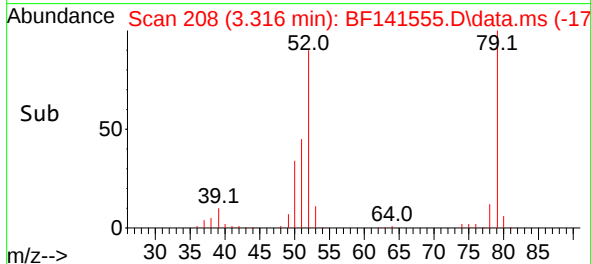
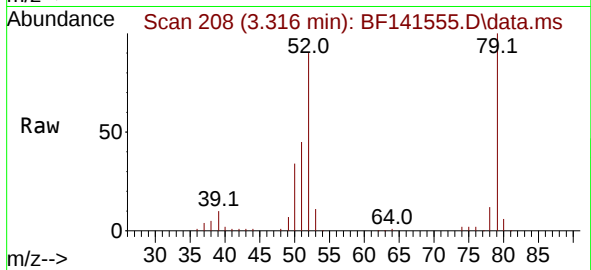
#3
Pyridine
Concen: 40.354 ng
RT: 3.316 min Scan# 200
Delta R.T. 0.100 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion: 79 Resp: 24296
Ion Ratio Lower Upper
79 100
52 90.5 73.7 110.5
51 44.9 37.5 56.3

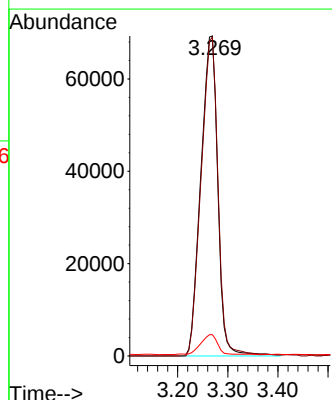
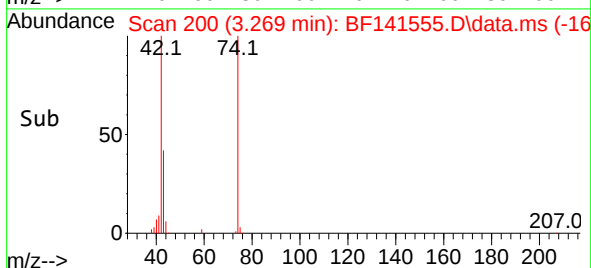
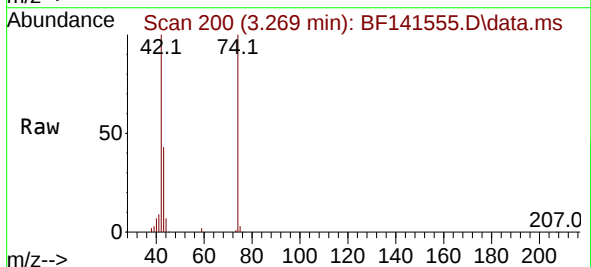
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#4
n-Nitrosodimethylamine
Concen: 40.876 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.082 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

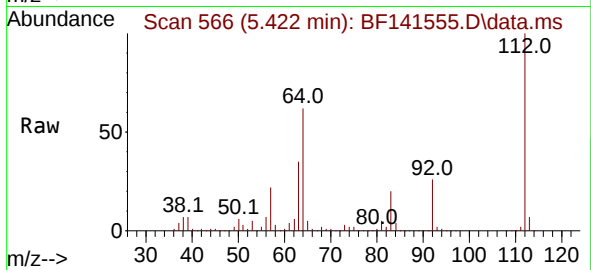
Tgt Ion: 42 Resp: 162958
Ion Ratio Lower Upper
42 100
74 99.6 78.0 117.0
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 125.837 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

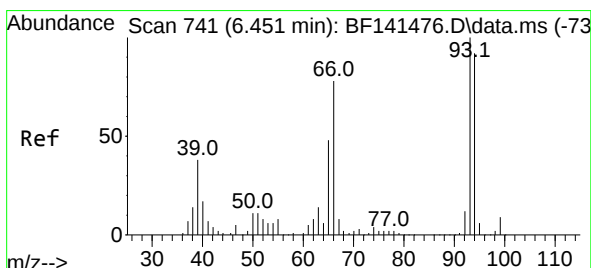
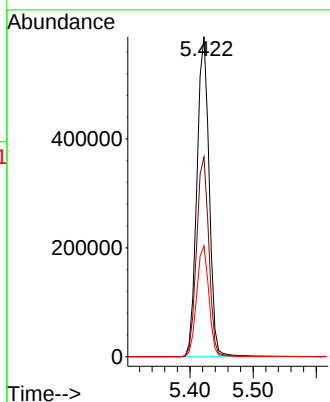
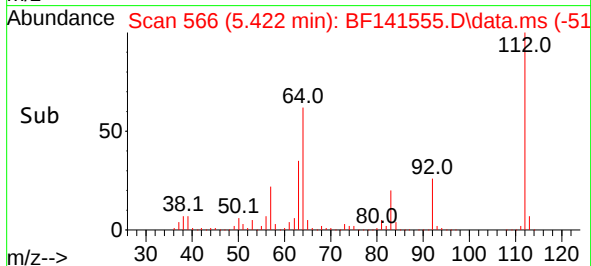
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:112 Resp: 79105
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 34.6 28.4 42.6

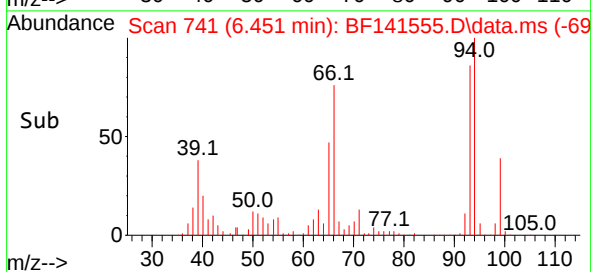
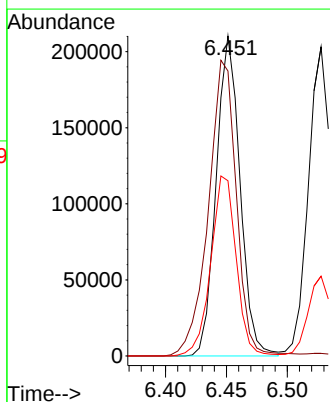
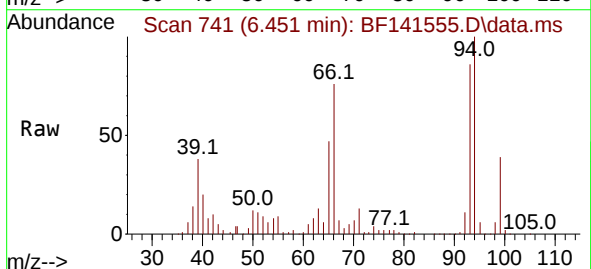
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 38.482 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

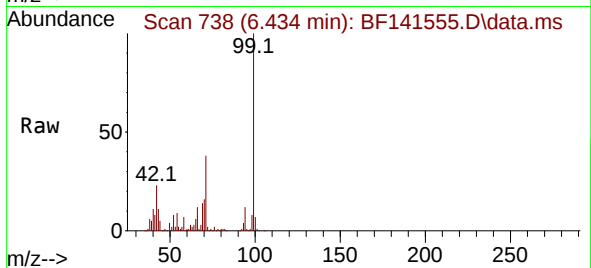
Tgt Ion: 93 Resp: 286812
Ion Ratio Lower Upper
93 100
66 89.1 62.6 94.0
65 54.8 38.3 57.5





#7
Phenol-d6
Concen: 125.013 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

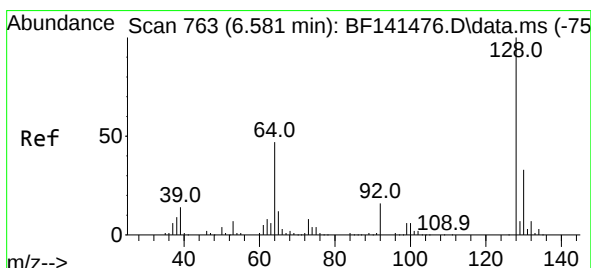
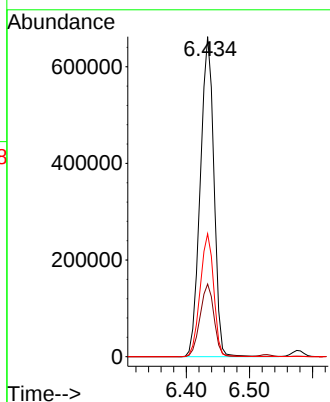
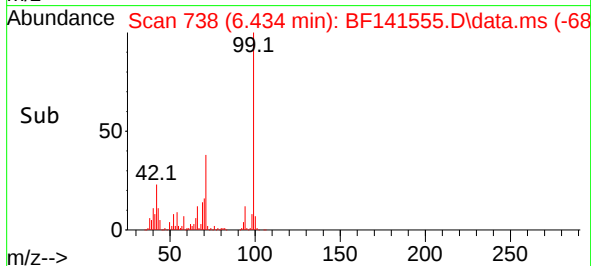
Instrument :
BNA_F
ClientSampleId :
PB166641BS



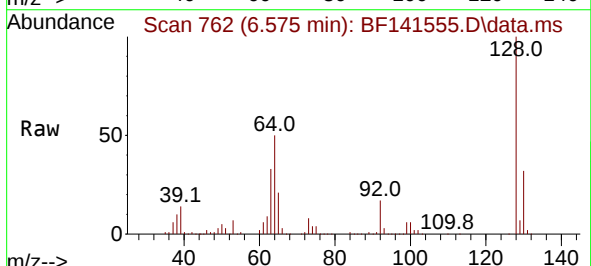
Tgt Ion: 99 Resp: 99328
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 38.4 31.1 46.7

Manual Integrations
APPROVED

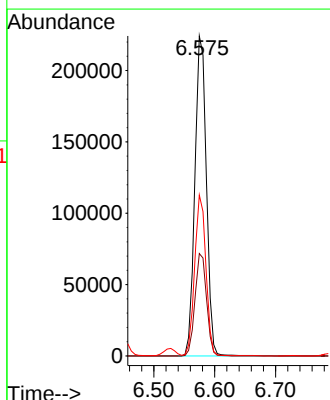
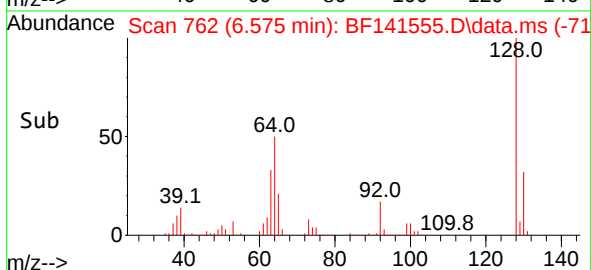
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

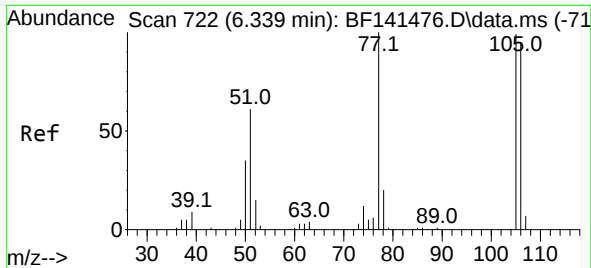


#8
2-Chlorophenol
Concen: 43.318 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:128 Resp: 294241
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 50.3 28.3 68.3





#9

Benzaldehyde

Concen: 41.145 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

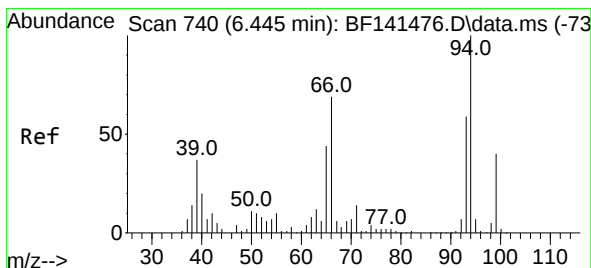
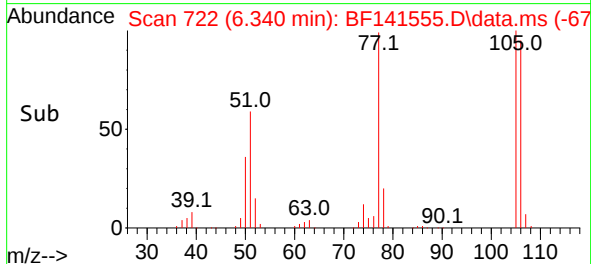
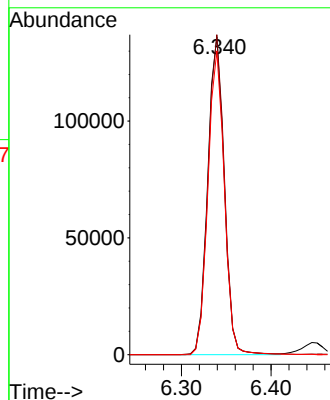
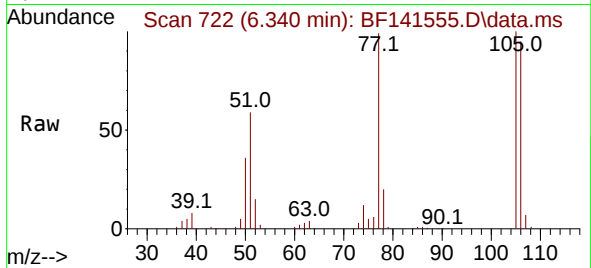
PB166641BS

Tgt Ion: 77 Resp: 173724
 Ion Ratio Lower Upper
 77 100
 105 100.7 79.4 119.4
 106 95.6 75.1 115.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#10

Phenol

Concen: 42.164 ng

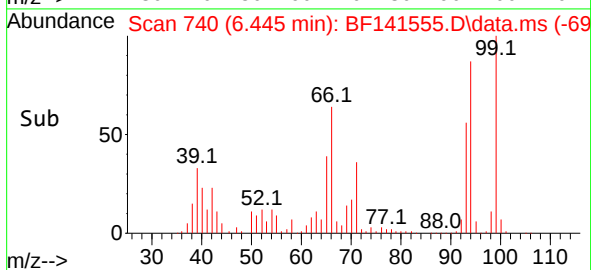
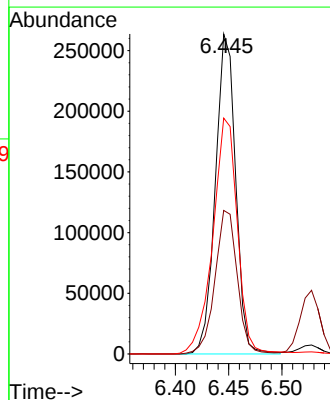
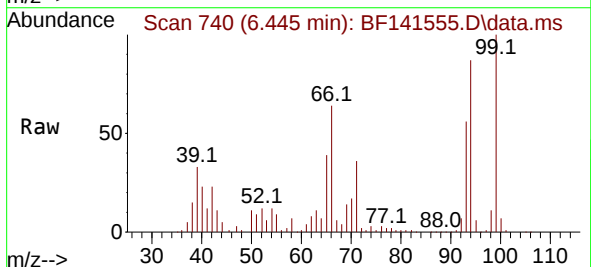
RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion: 94 Resp: 348685
 Ion Ratio Lower Upper
 94 100
 65 44.9 23.7 63.7
 66 73.7 49.3 89.3





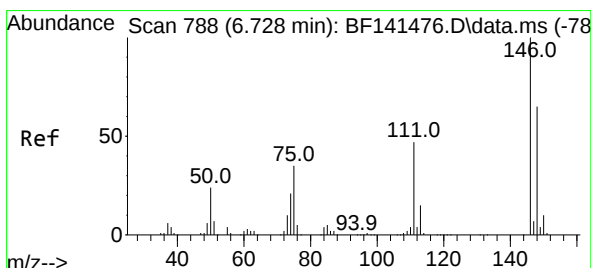
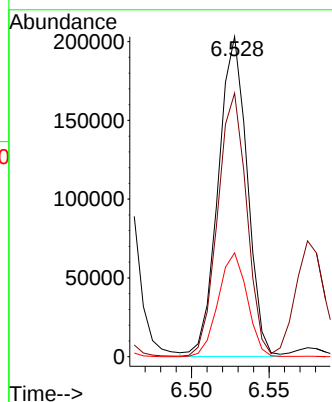
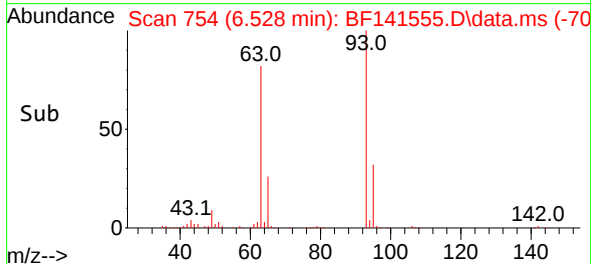
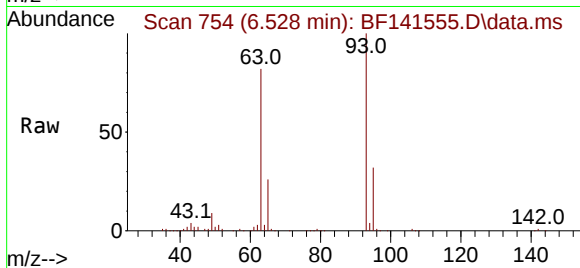
#11
bis(2-Chloroethyl)ether
Concen: 42.623 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion: 93 Resp: 26474
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 32.5 12.6 52.6

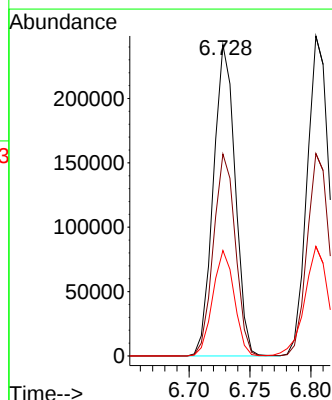
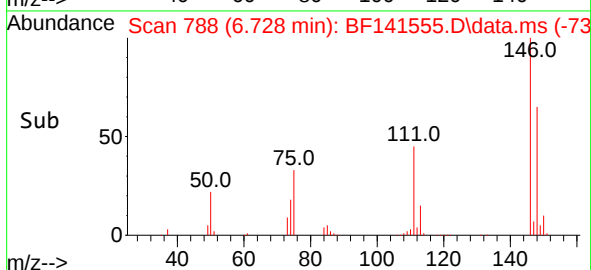
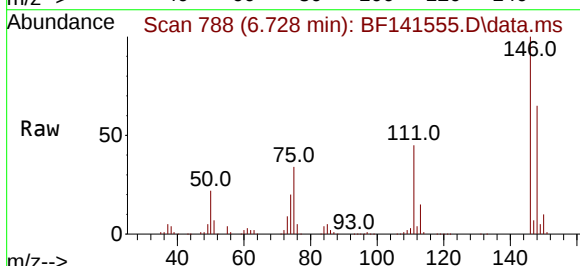
Manual Integrations
APPROVED

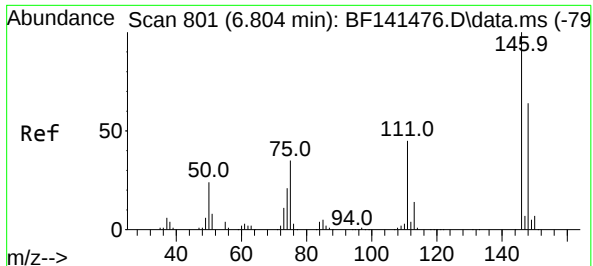
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.061 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:146 Resp: 301623
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 33.9 28.2 42.2





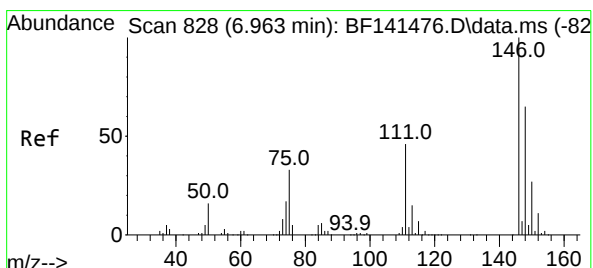
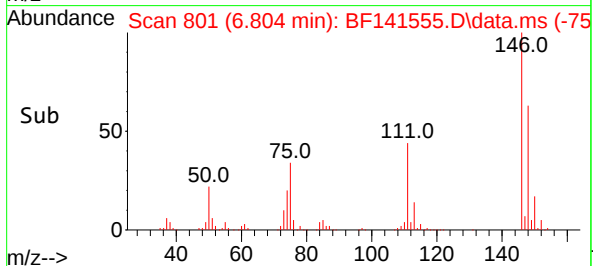
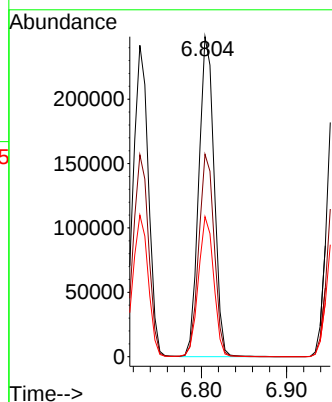
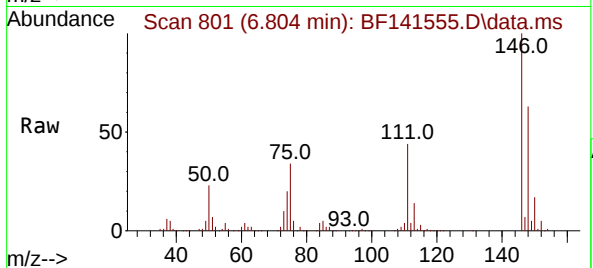
#13
1,4-Dichlorobenzene
Concen: 42.436 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion:146 Resp: 31092
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 43.7 35.9 53.9

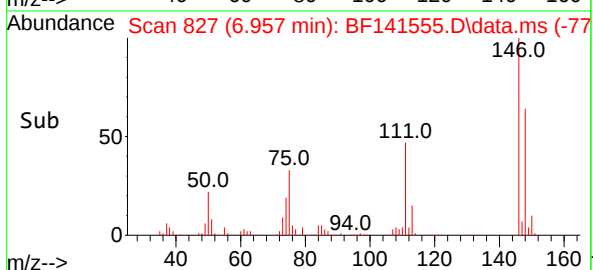
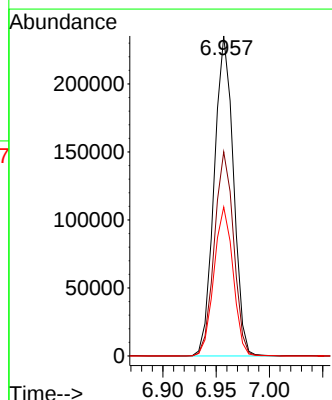
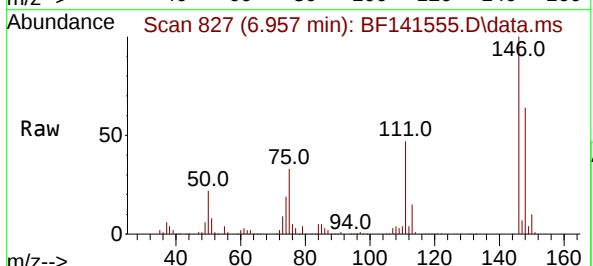
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 43.397 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

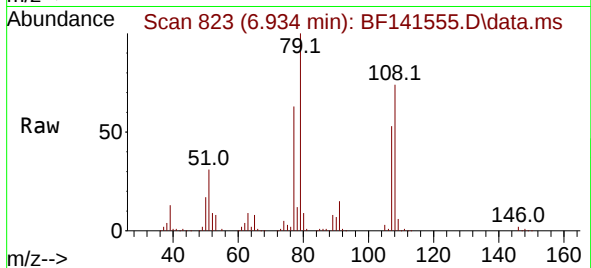
Tgt Ion:146 Resp: 295105
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 46.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.352 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

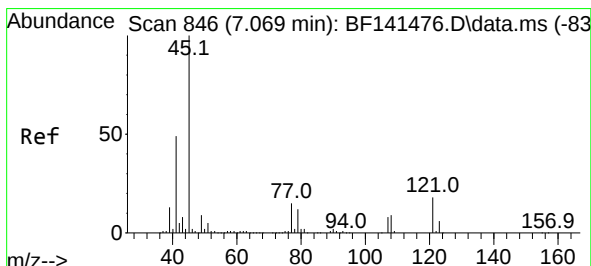
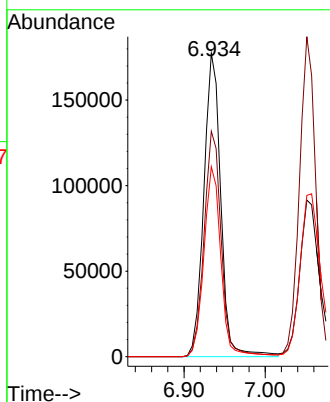
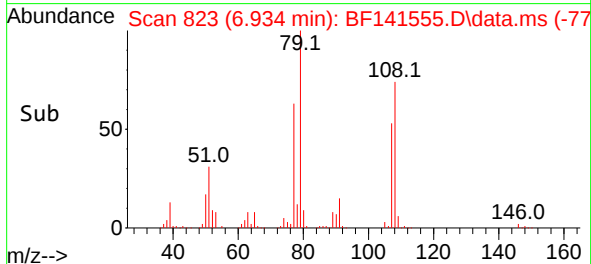
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion: 79 Resp: 258049
Ion Ratio Lower Upper
79 100
108 74.3 57.4 86.2
77 62.6 50.9 76.3

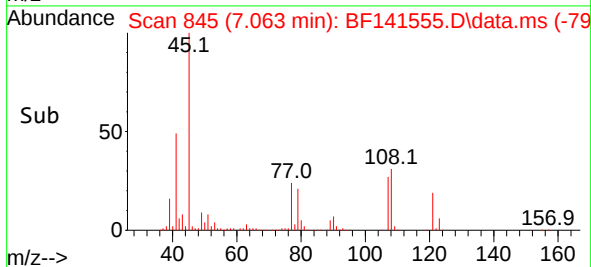
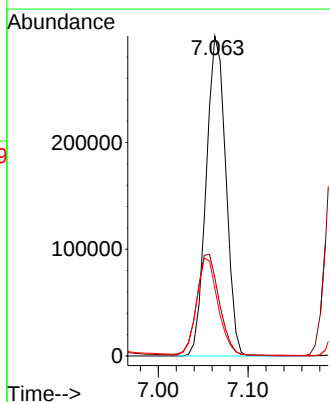
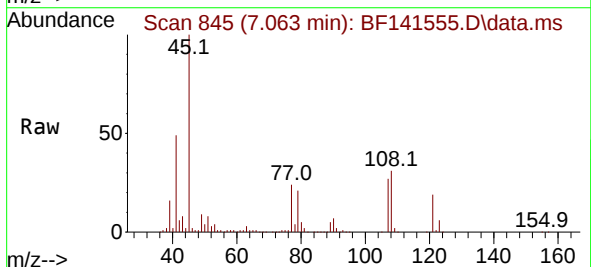
Manual Integrations
APPROVED

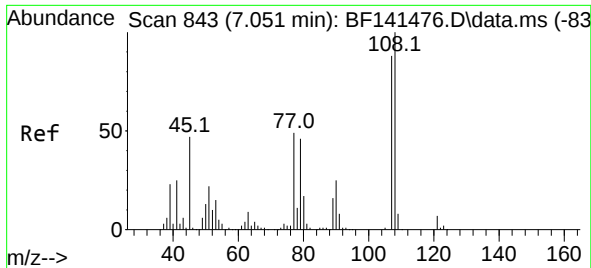
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.806 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

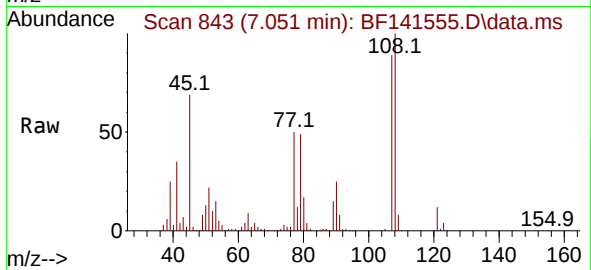
Tgt Ion: 45 Resp: 455151
Ion Ratio Lower Upper
45 100
77 24.4 0.0 35.8
79 21.1 0.0 32.7





#17
2-Methylphenol
Concen: 43.936 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

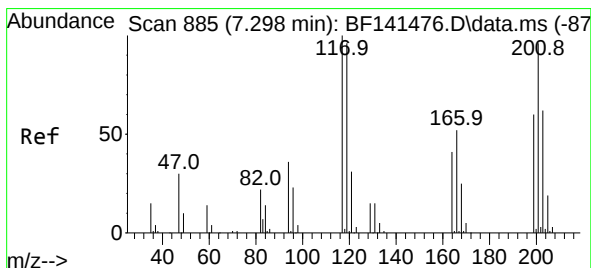
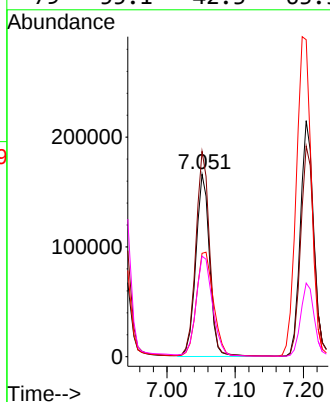
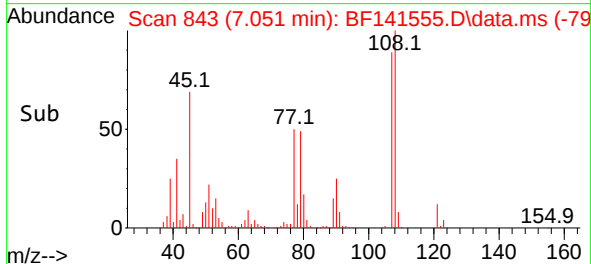


Tgt Ion:107 Resp: 233550

Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.6	136.0
77	56.7	44.4	66.6
79	55.1	42.3	63.5

Manual Integrations
APPROVED

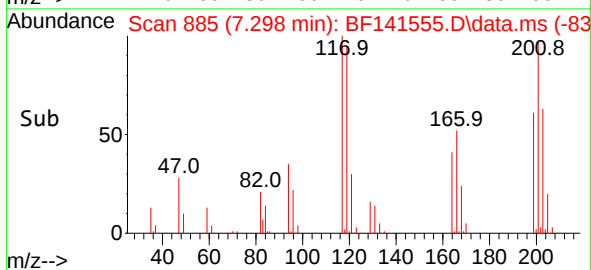
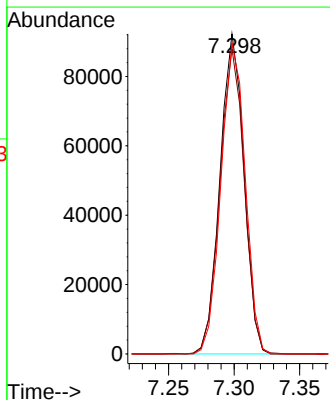
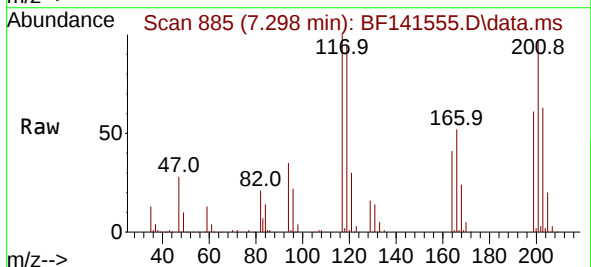
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#18
Hexachloroethane
Concen: 43.314 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:117 Resp: 117449

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.5	114.7
201	97.1	76.7	115.1





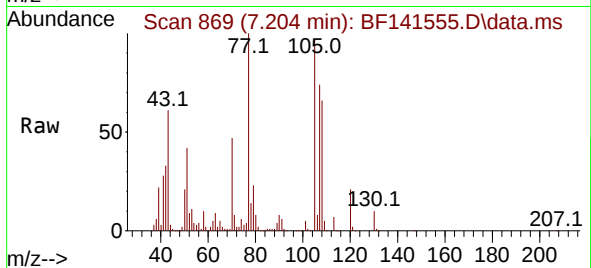
#19
n-Nitroso-di-n-propylamine
Concen: 43.110 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

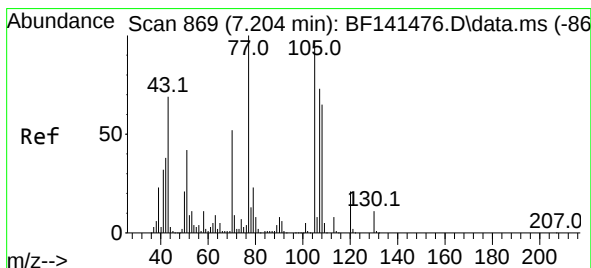
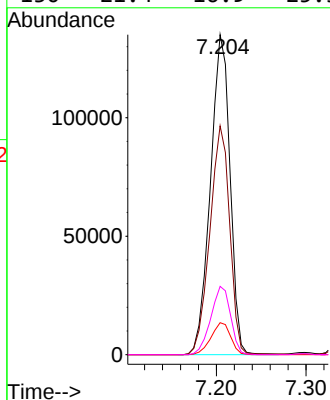
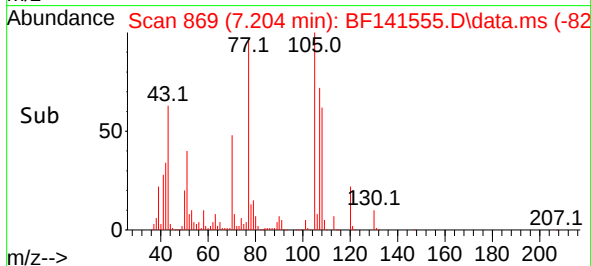
PB166641BS



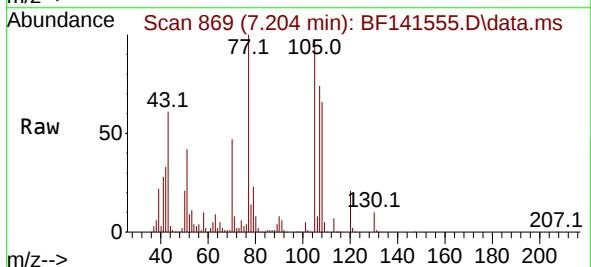
Tgt Ion: 70 Resp: 20488
Ion Ratio Lower Upper
70 100
42 71.5 57.4 86.2
101 10.0 8.0 12.0
130 21.4 16.9 25.3

Manual Integrations
APPROVED

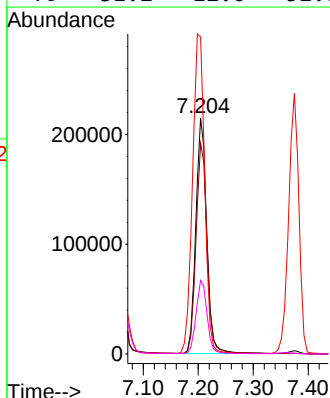
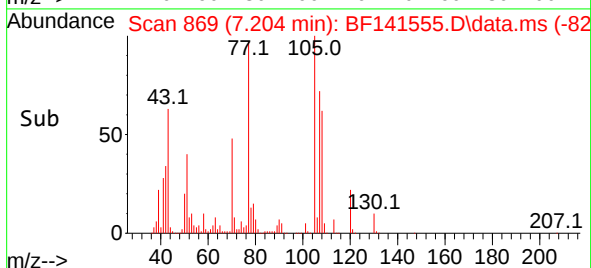
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

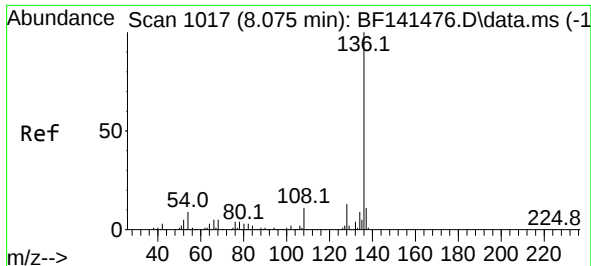


#20
3+4-Methylphenols
Concen: 43.773 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:107 Resp: 295706
Ion Ratio Lower Upper
107 100
108 89.3 68.5 108.5
77 134.3 116.5 156.5
79 31.2 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: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

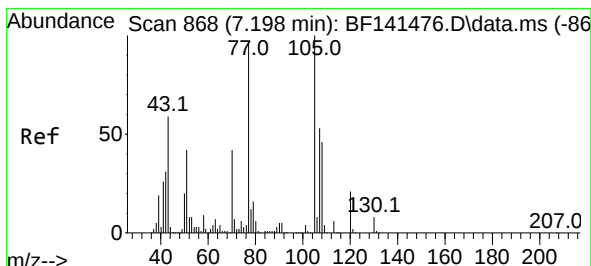
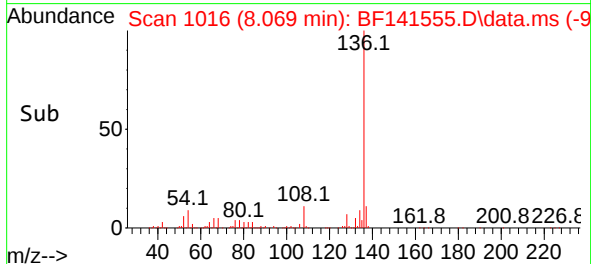
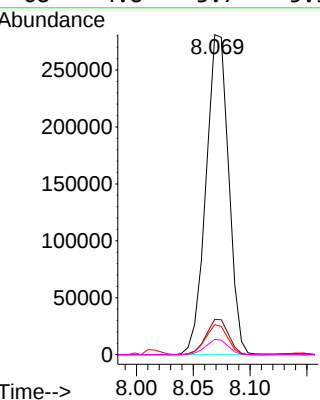
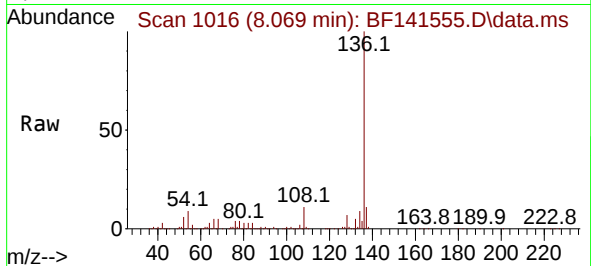
PB166641BS

Tgt Ion:136 Resp: 391258
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 7.2 10.8
68 4.8 3.7 5.5

Manual Integrations

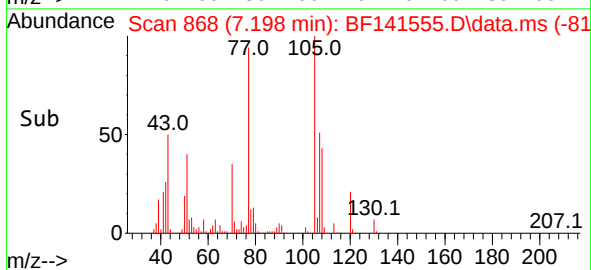
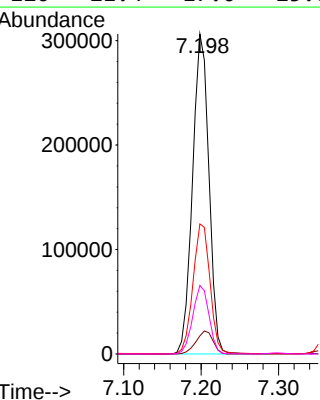
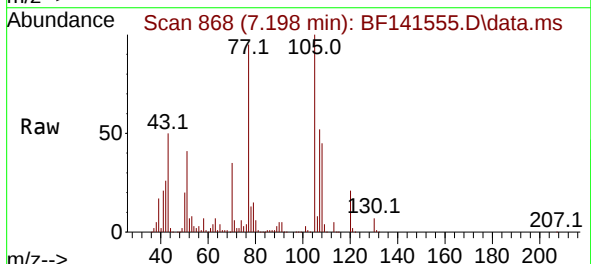
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 46.213 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:105 Resp: 449779
Ion Ratio Lower Upper
105 100
71 5.7 5.7 8.5#
51 40.7 33.7 50.5
120 21.4 17.0 25.6





#23
Nitrobenzene-d5
Concen: 88.277 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

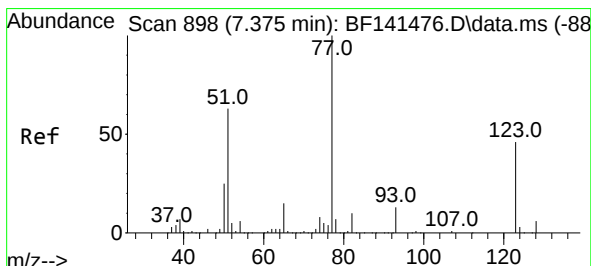
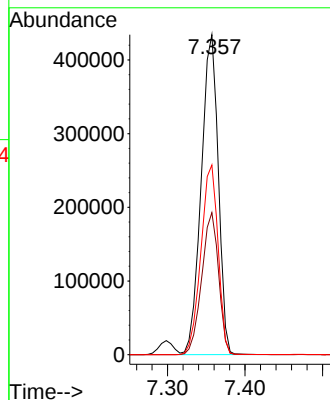
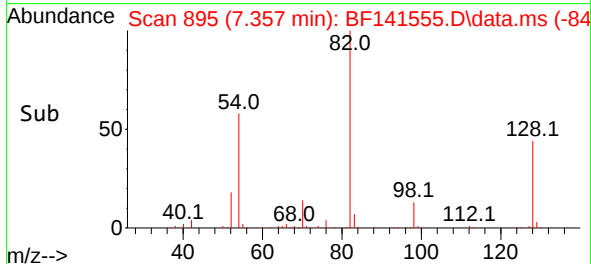
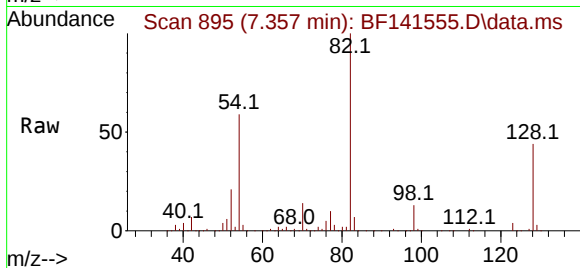
PB166641BS

Tgt Ion: 82 Resp: 662200
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 59.3 48.2 72.4

Manual Integrations

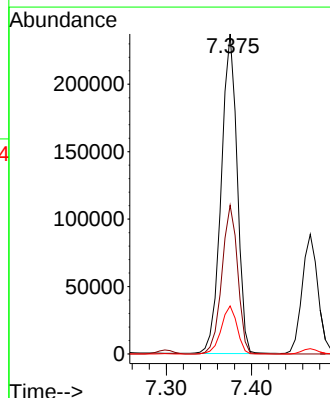
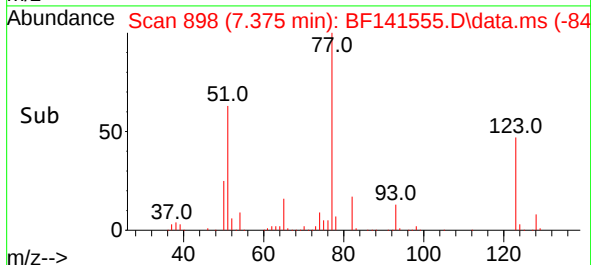
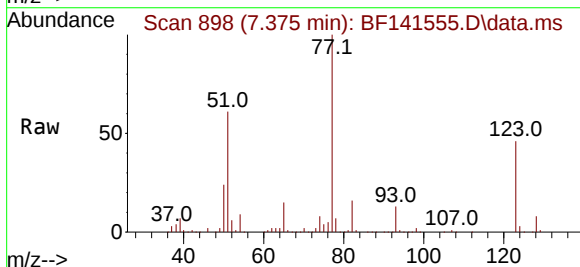
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#24
Nitrobenzene
Concen: 42.156 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 77 Resp: 308363
Ion Ratio Lower Upper
77 100
123 46.5 36.9 55.3
65 15.0 11.9 17.9





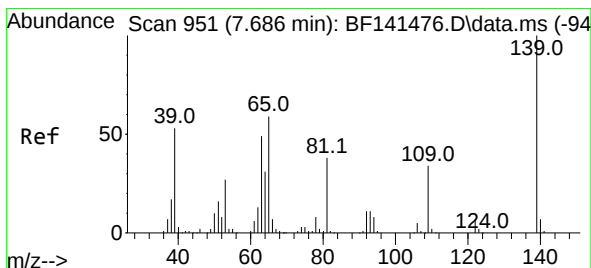
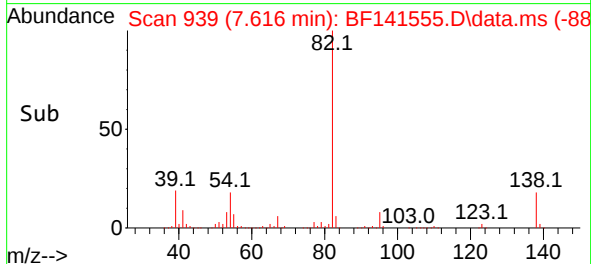
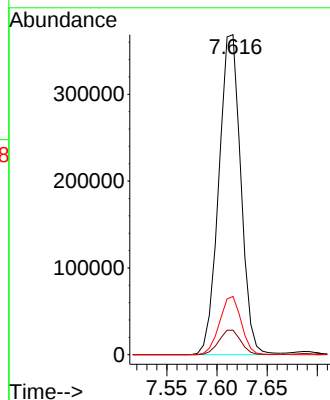
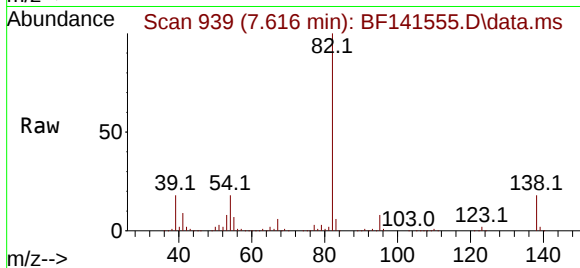
#25
Isophorone
Concen: 46.955 ng
RT: 7.616 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion: 82 Resp: 56161
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.2 13.9 20.9

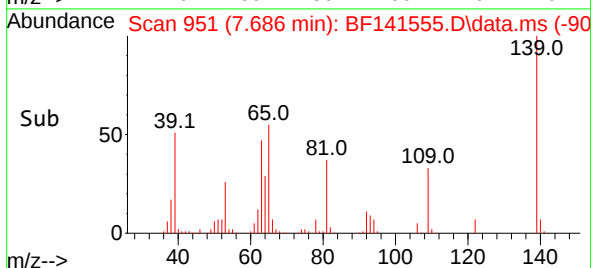
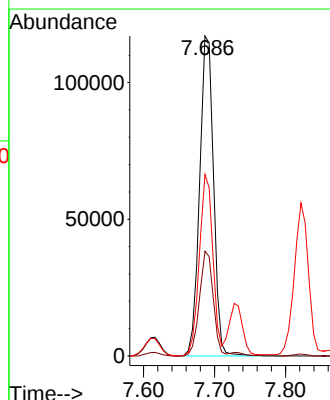
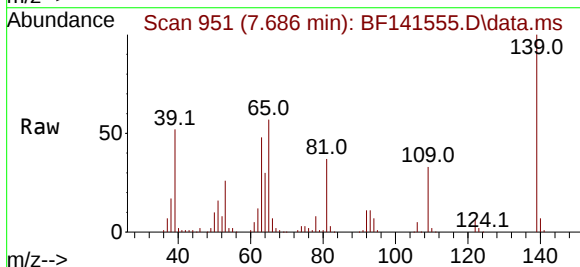
Manual Integrations
APPROVED

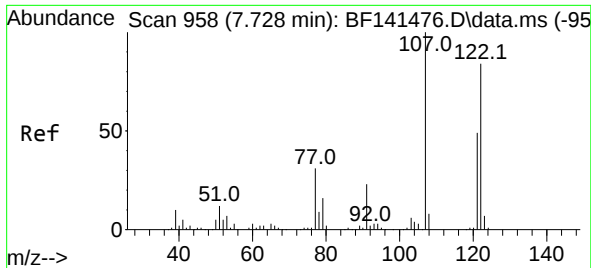
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 44.020 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:139 Resp: 160199
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 56.7 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 55.189 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

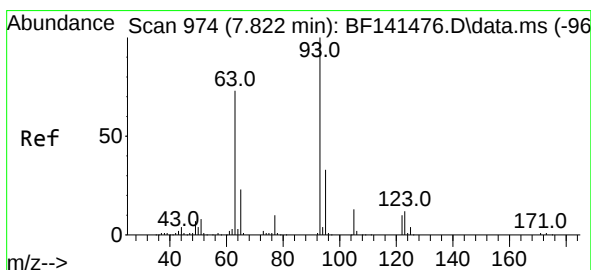
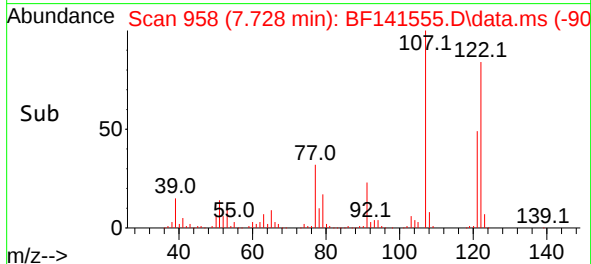
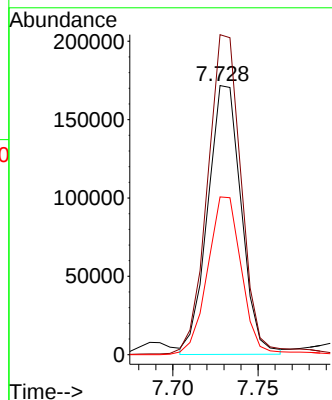
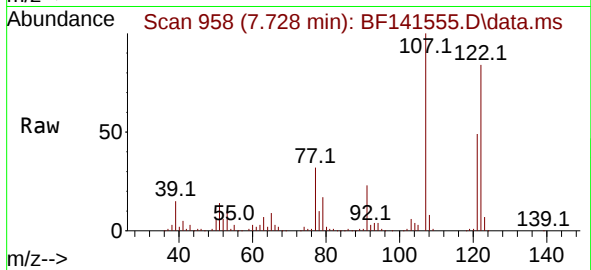
PB166641BS

Tgt Ion:122 Resp: 234630
Ion Ratio Lower Upper
122 100
107 118.9 94.3 141.5
121 58.6 46.0 69.0

Manual Integrations

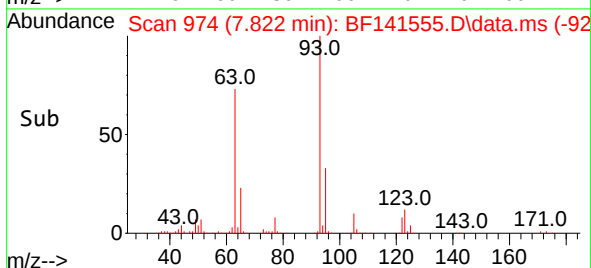
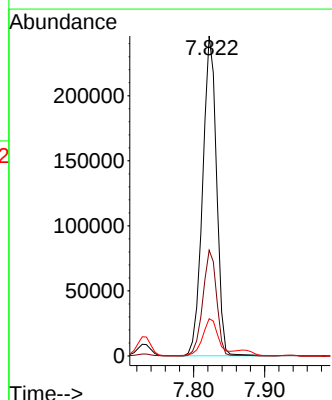
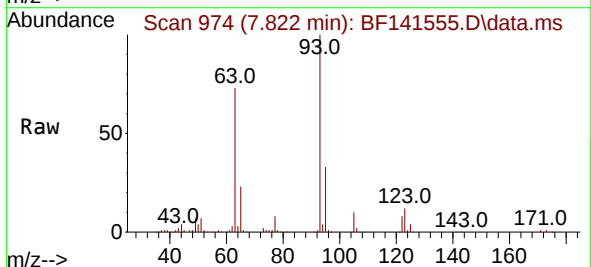
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.791 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 93 Resp: 335627
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.754 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

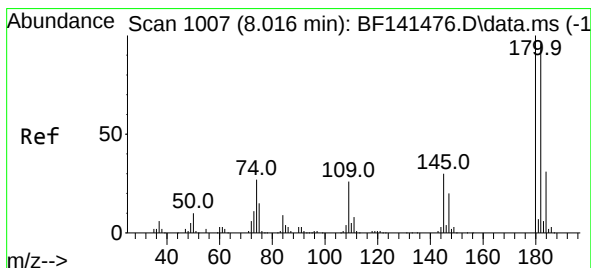
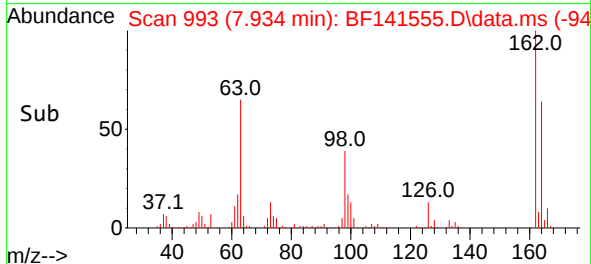
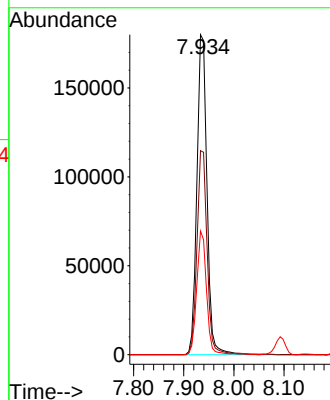
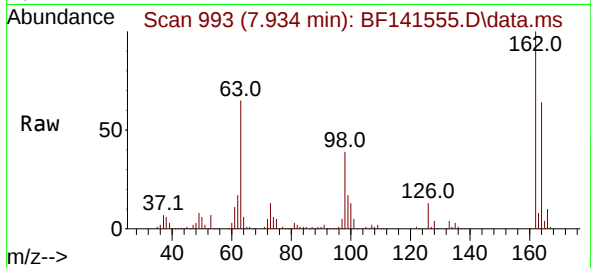
PB166641BS

Tgt Ion:162 Resp: 251335
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 38.7 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.279 ng

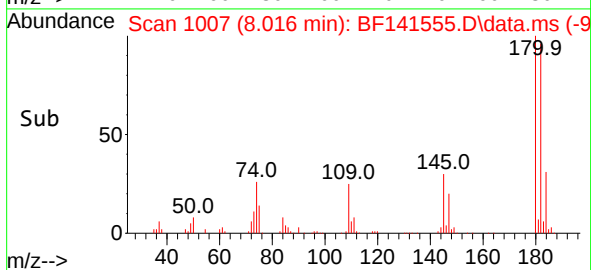
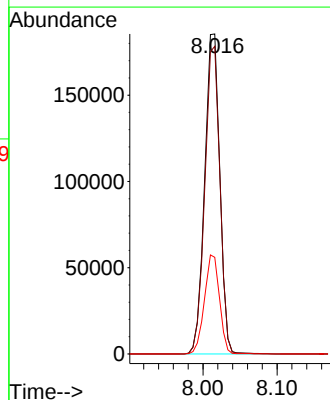
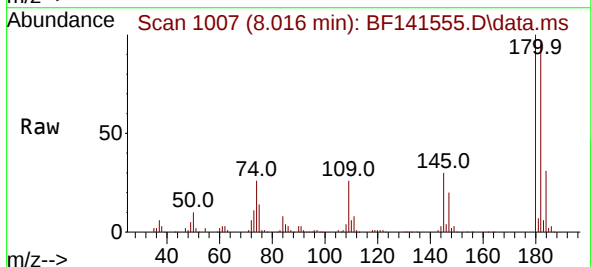
RT: 8.016 min Scan# 1007

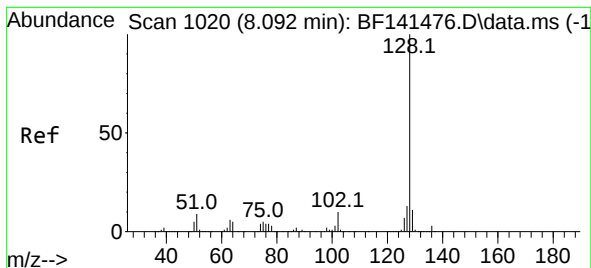
Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:180 Resp: 264468
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.8 115.2
 145 30.2 24.2 36.4





#31

Naphthalene

Concen: 41.933 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

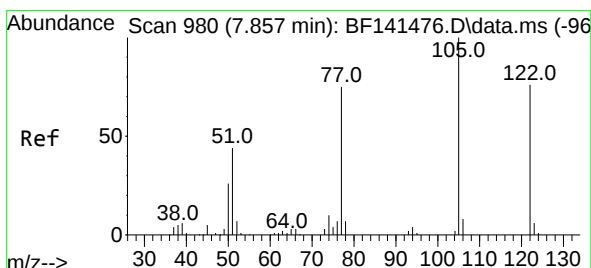
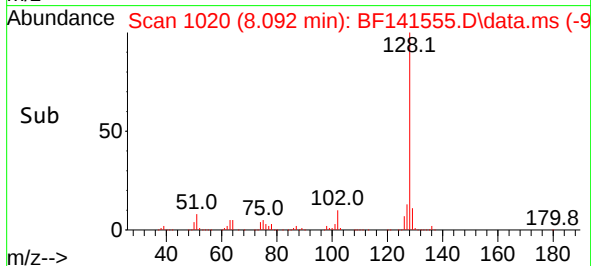
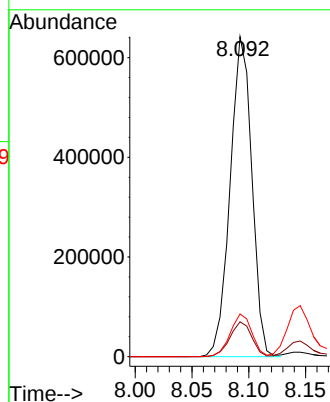
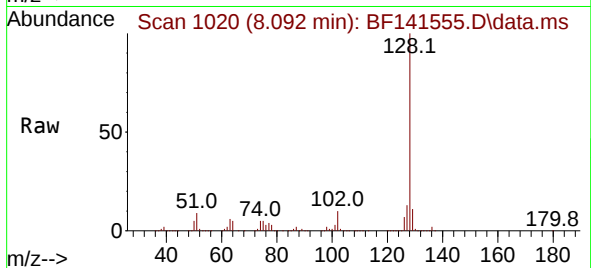
Tgt Ion:128 Resp: 85403

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#32

Benzoic acid

Concen: 43.005 ng

RT: 7.869 min Scan# 982

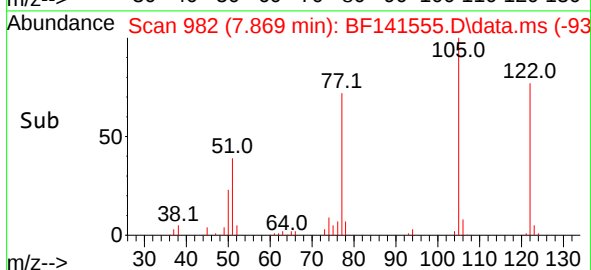
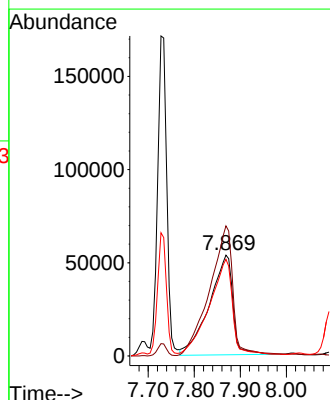
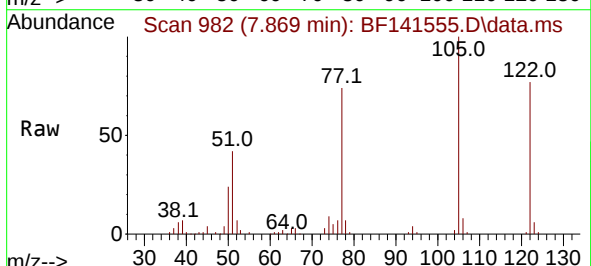
Delta R.T. -0.023 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:122 Resp: 189911

Ion	Ratio	Lower	Upper
122	100		
105	129.1	106.5	146.5
77	96.0	76.3	116.3





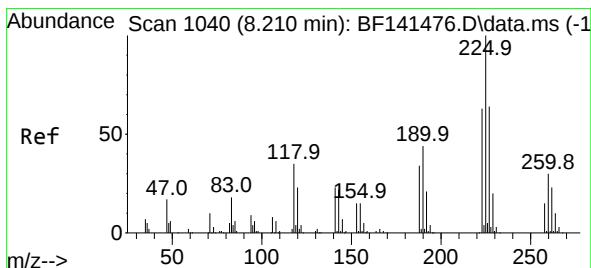
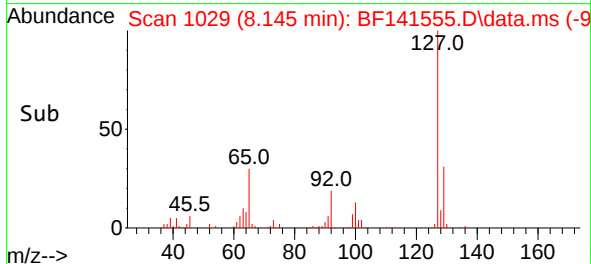
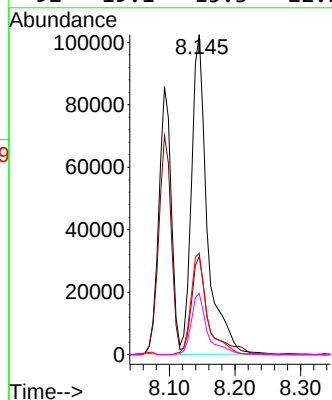
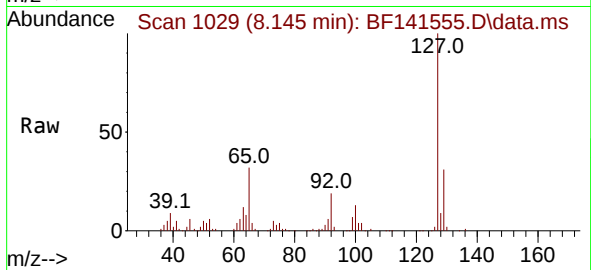
#33
4-Chloroaniline
Concen: 24.032 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion:	127	Resp:	17088
Ion Ratio	Lower	Upper	
127	100		
129	30.7	26.5	39.7
65	31.7	26.4	39.6
92	19.1	15.3	22.9

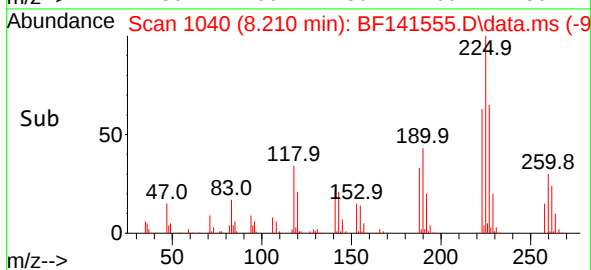
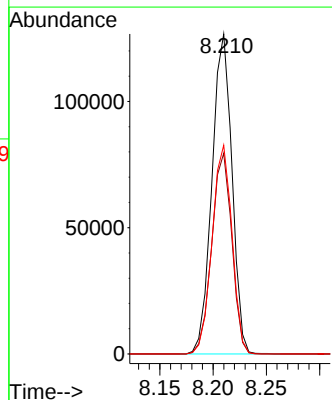
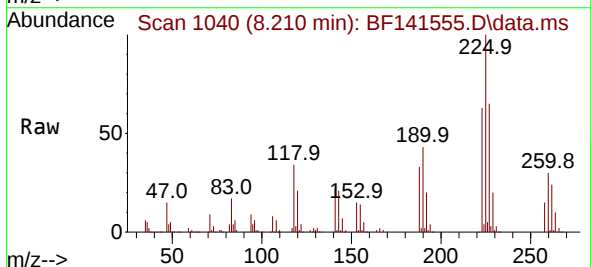
Manual Integrations
APPROVED

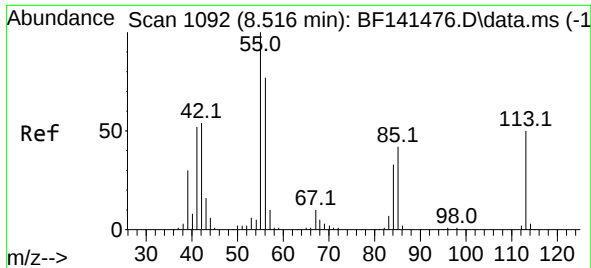
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#34
Hexachlorobutadiene
Concen: 43.968 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

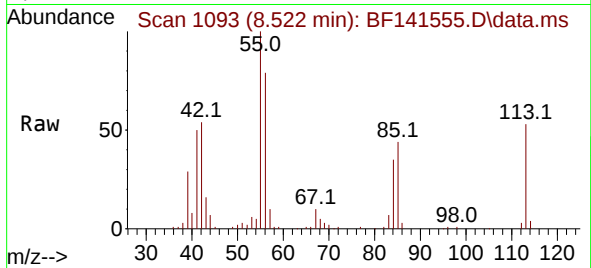
Tgt Ion:	225	Resp:	165112
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.1	75.1
227	65.3	51.0	76.6





#35
Caprolactam
Concen: 49.591 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

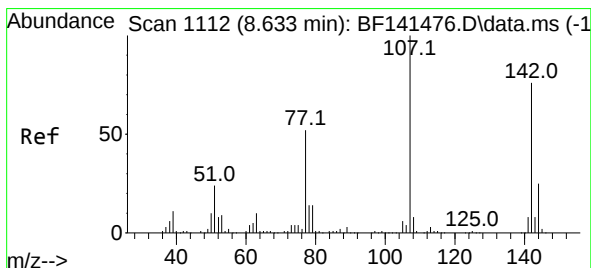
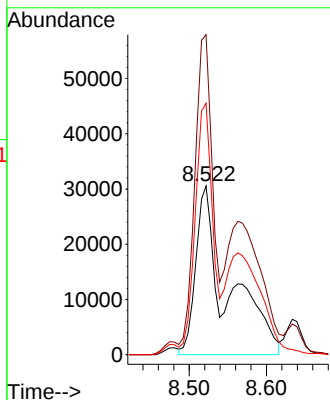
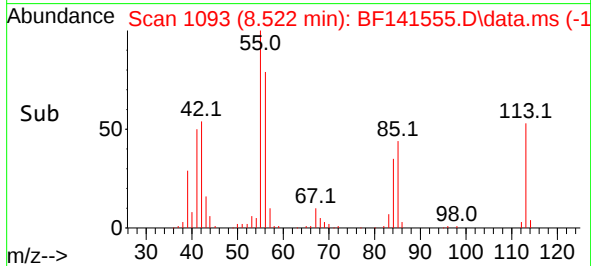
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:113 Resp: 8673
Ion Ratio Lower Upper
113 100
55 189.8 180.8 220.8
56 149.1 133.6 173.6

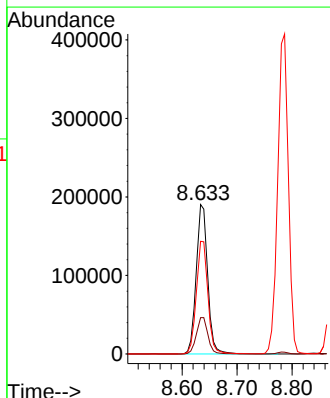
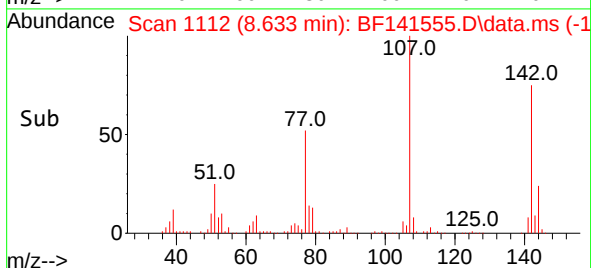
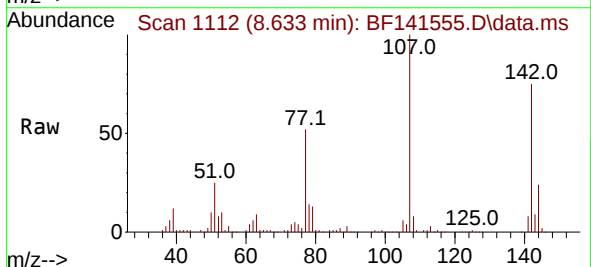
Manual Integrations
APPROVED

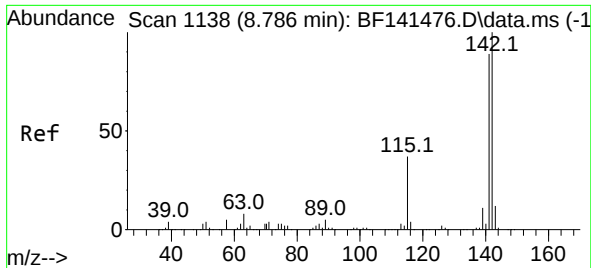
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 43.457 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

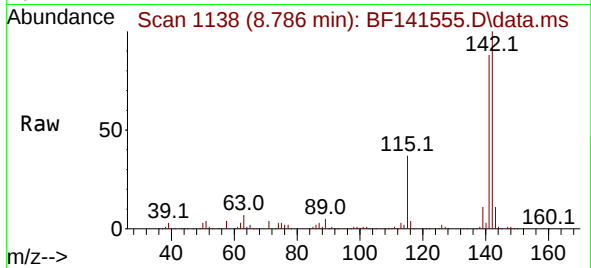
Tgt Ion:107 Resp: 276514
Ion Ratio Lower Upper
107 100
144 24.3 19.7 29.5
142 75.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.461 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

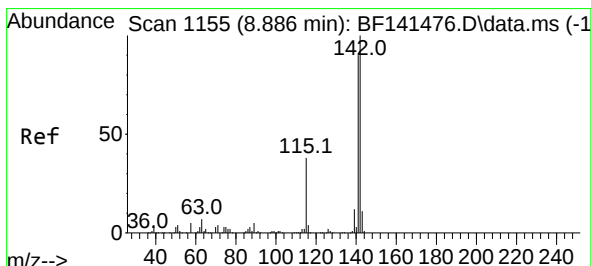
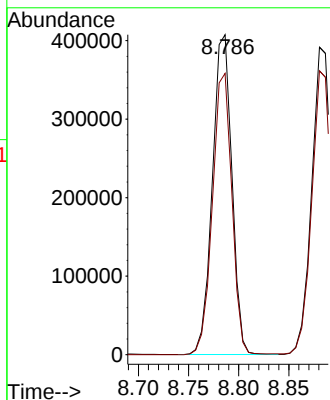
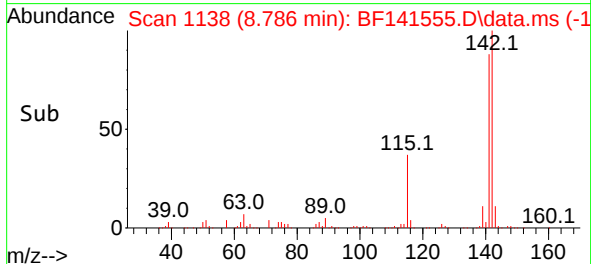
Instrument :
BNA_F
ClientSampleId :
PB166641BS



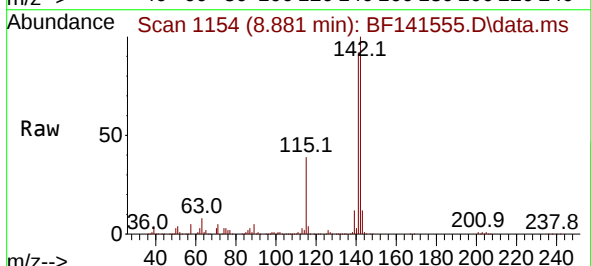
Tgt Ion:142 Resp: 549494
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

Manual Integrations
APPROVED

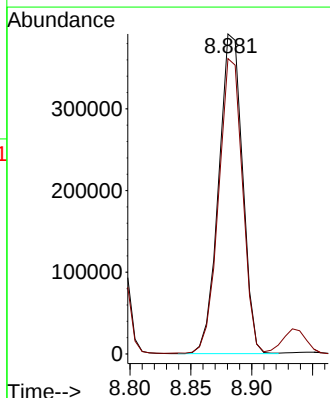
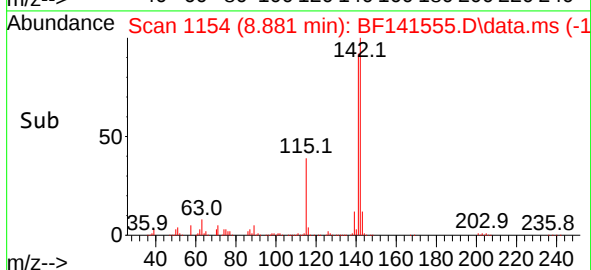
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

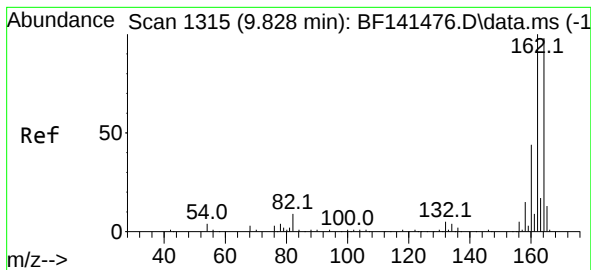


#38
1-Methylnaphthalene
Concen: 41.658 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:142 Resp: 534725
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141555.D

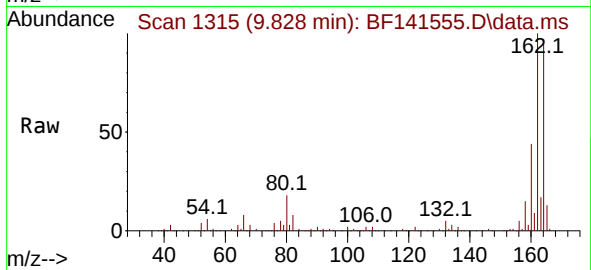
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



Tgt Ion:164 Resp: 220324

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

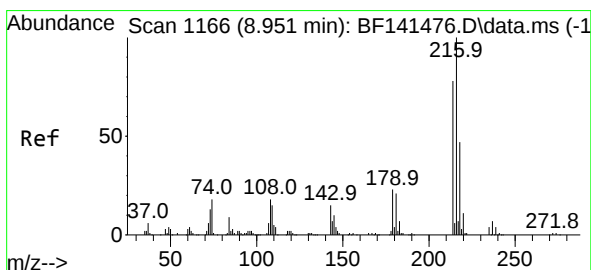
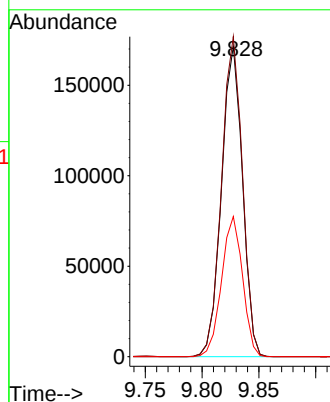
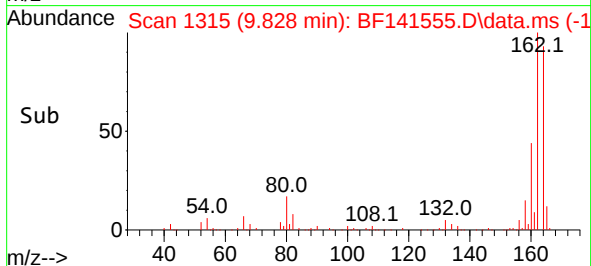
160 45.2 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.474 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:216 Resp: 296238

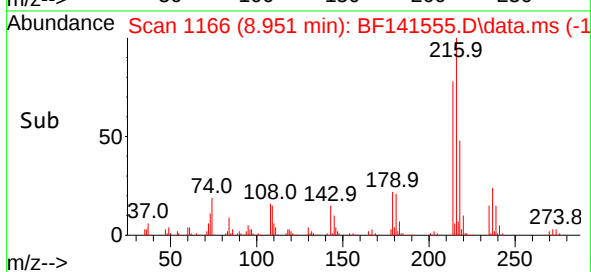
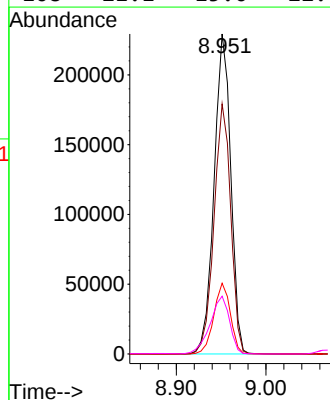
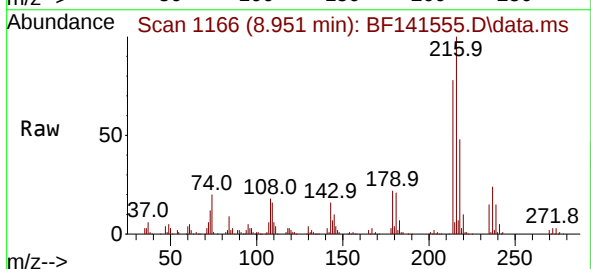
Ion Ratio Lower Upper

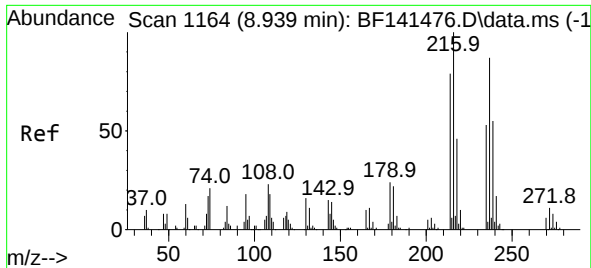
216 100

214 78.3 62.3 93.5

179 21.9 18.0 27.0

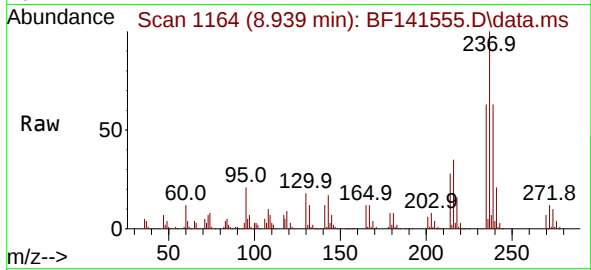
108 21.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 152.555 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

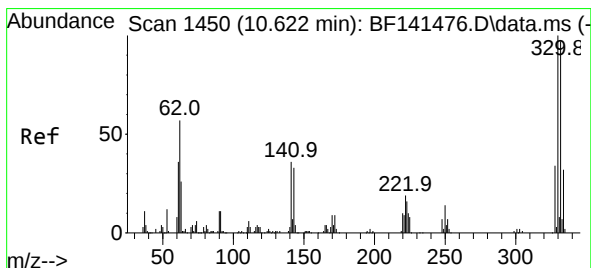
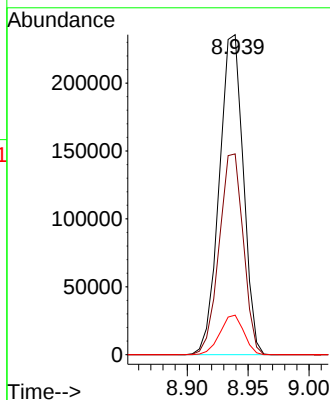
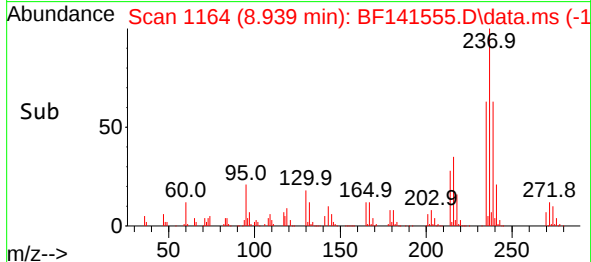
Instrument :
BNA_F
ClientSampleId :
PB166641BS



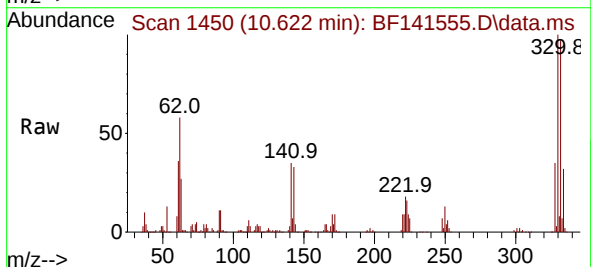
Tgt Ion:237 Resp: 323430
Ion Ratio Lower Upper
237 100
235 62.7 41.4 81.4
272 12.4 0.0 32.4

Manual Integrations
APPROVED

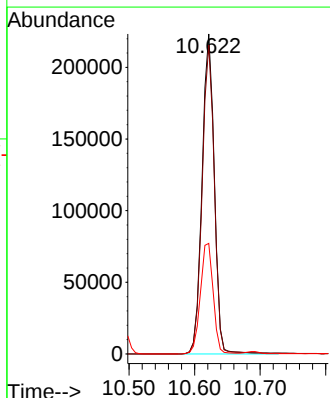
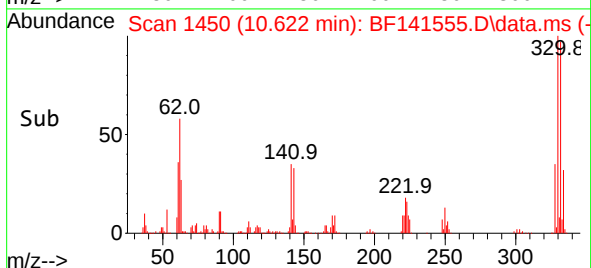
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#42
2,4,6-Tribromophenol
Concen: 131.788 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



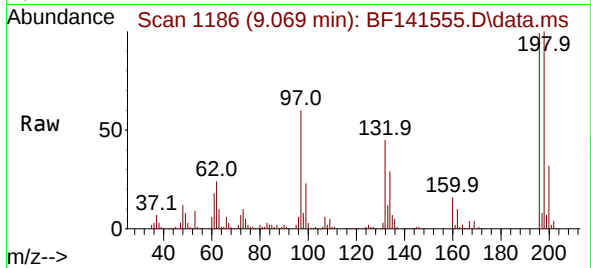
Tgt Ion:330 Resp: 291680
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 36.1 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.740 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

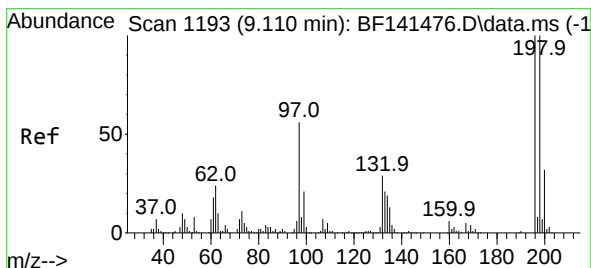
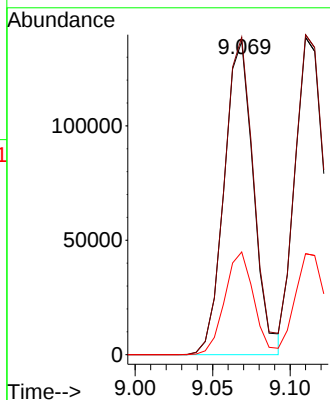
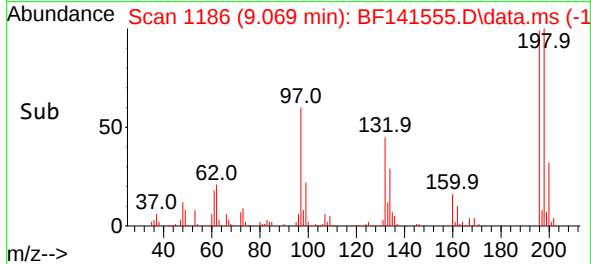
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:196 Resp: 180200
Ion Ratio Lower Upper
196 100
198 101.4 80.6 121.0
200 32.8 25.5 38.3

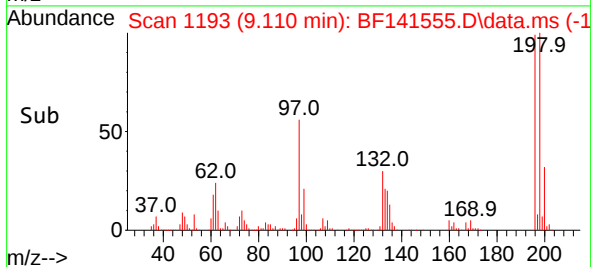
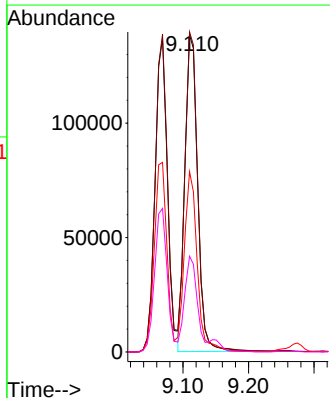
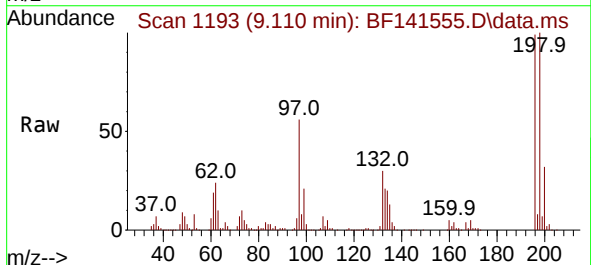
Manual Integrations
APPROVED

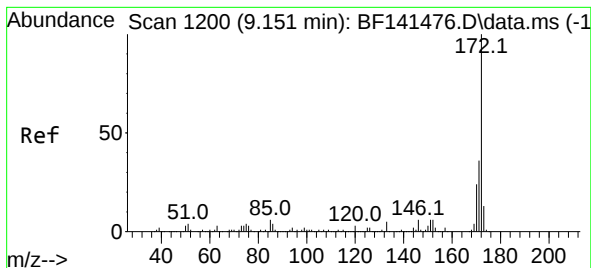
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#44
2,4,5-Trichlorophenol
Concen: 41.925 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

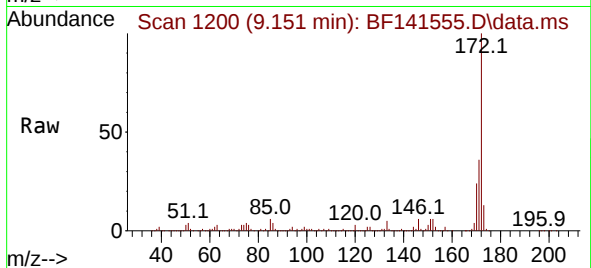
Tgt Ion:196 Resp: 187190
Ion Ratio Lower Upper
196 100
198 100.8 79.8 119.8
97 56.8 44.8 67.2
132 30.1 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 88.537 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

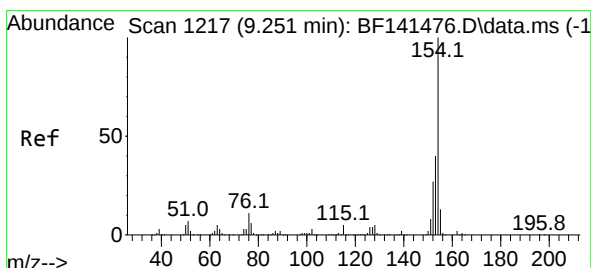
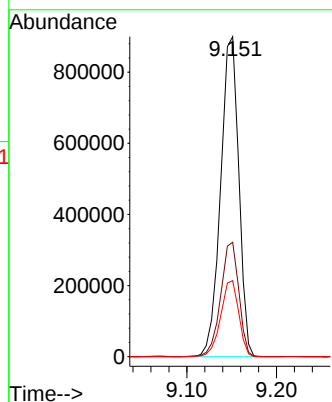
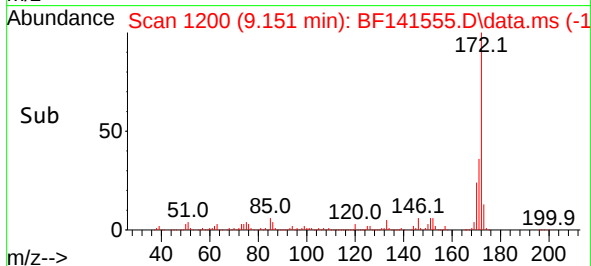
Instrument :
BNA_F
ClientSampleId :
PB166641BS



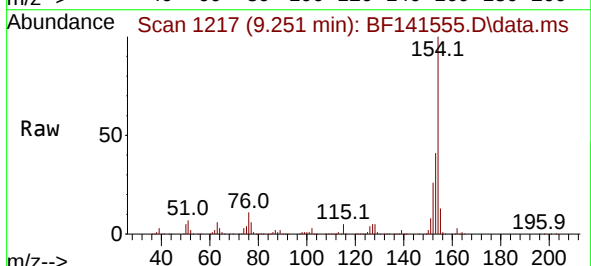
Tgt Ion:172 Resp: 126614
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.8 18.9 28.3

Manual Integrations
APPROVED

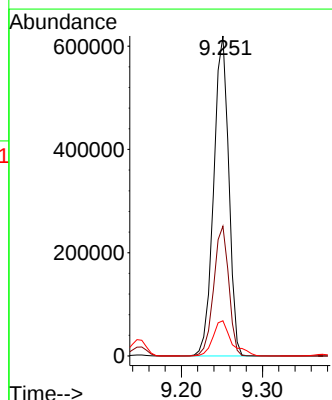
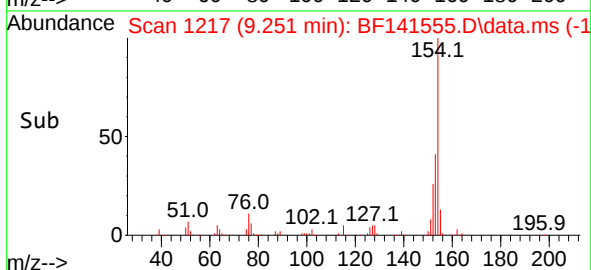
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#46
1,1'-Biphenyl
Concen: 46.744 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:154 Resp: 798452
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.0 0.0 30.8





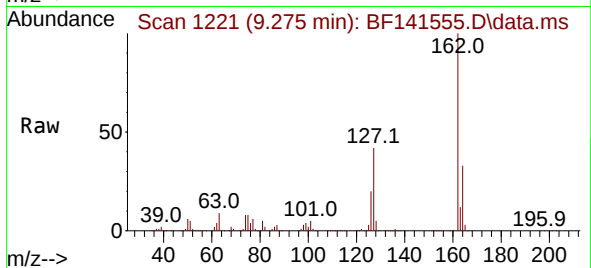
#47
2-Chloronaphthalene
Concen: 43.047 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

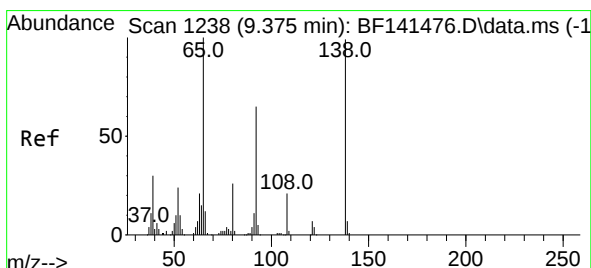
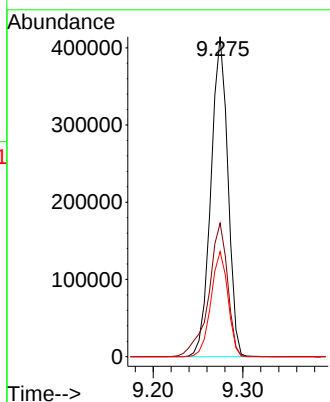
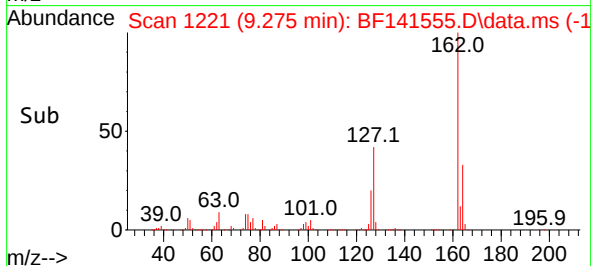


Tgt Ion:162 Resp: 543735
Ion Ratio Lower Upper
162 100
127 41.7 34.1 51.1
164 32.8 26.3 39.5

Manual Integrations

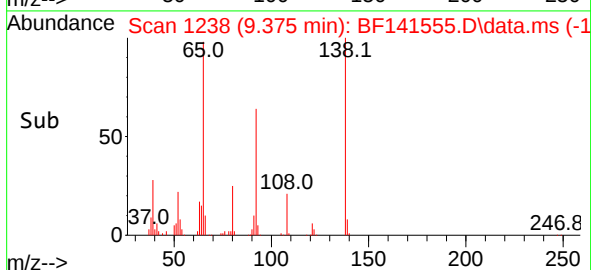
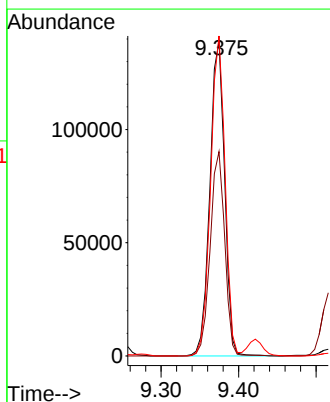
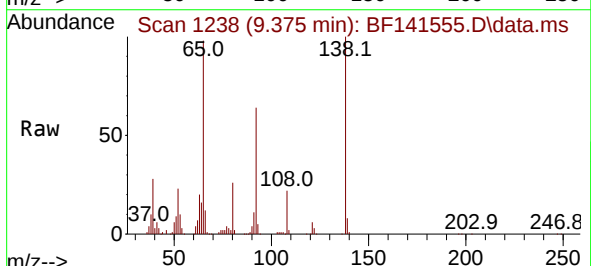
APPROVED

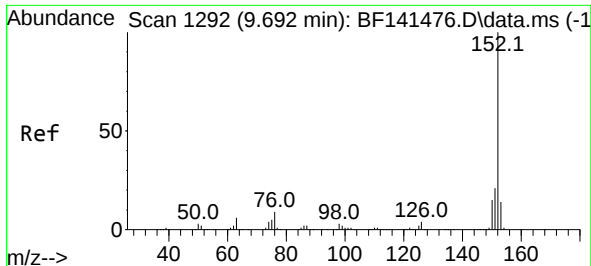
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#48
2-Nitroaniline
Concen: 43.338 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 65 Resp: 183710
Ion Ratio Lower Upper
65 100
92 64.9 52.2 78.2
138 101.6 79.5 119.3





#49

Acenaphthylene

Concen: 45.105 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

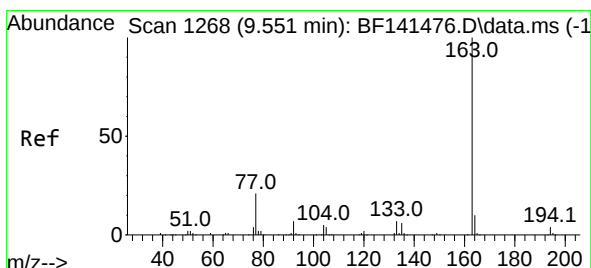
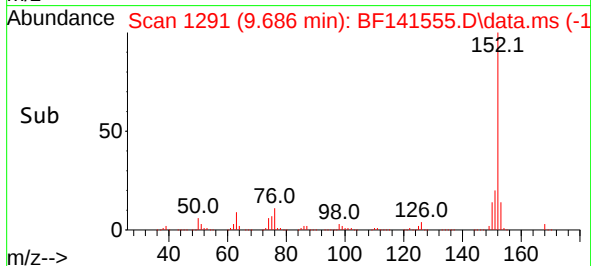
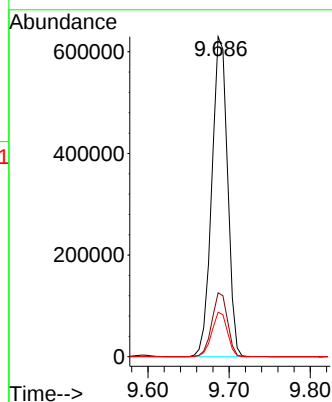
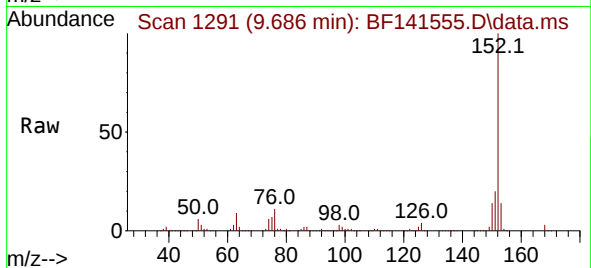
PB166641BS

Tgt Ion:152 Resp: 847395
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.4 24.6
 153 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#50

Dimethylphthalate

Concen: 43.344 ng

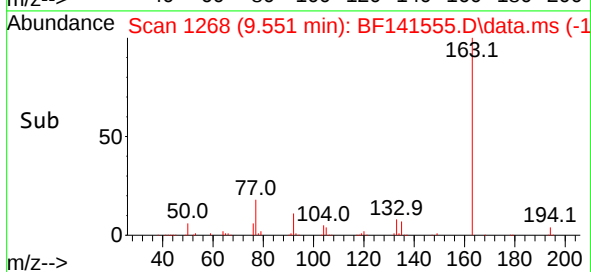
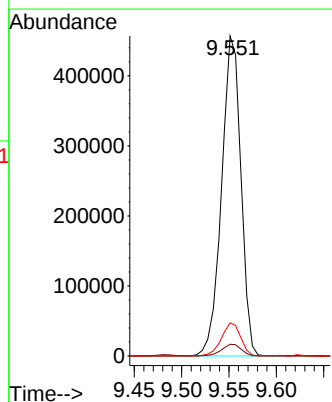
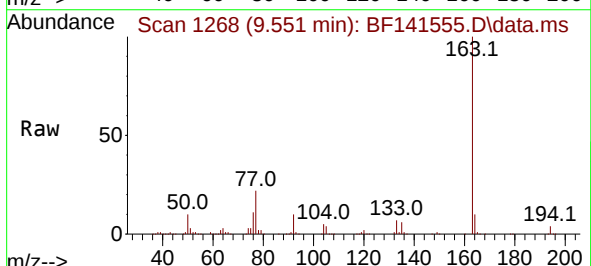
RT: 9.551 min Scan# 1268

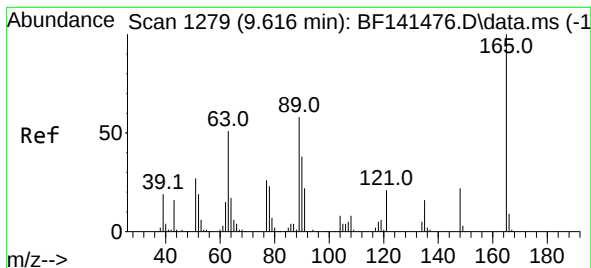
Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

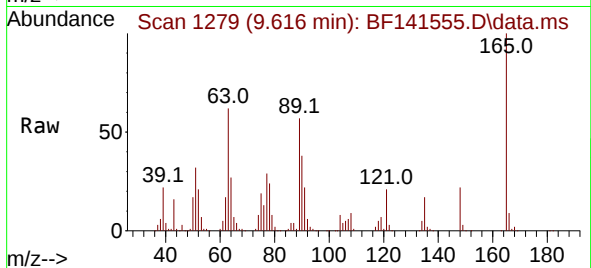
Tgt Ion:163 Resp: 648306
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.781 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

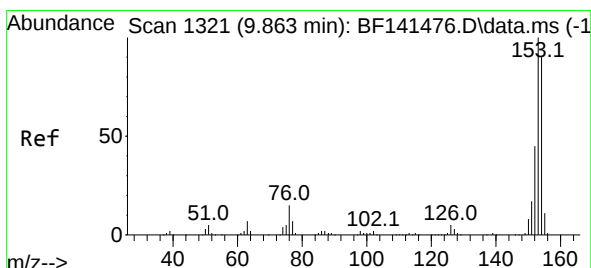
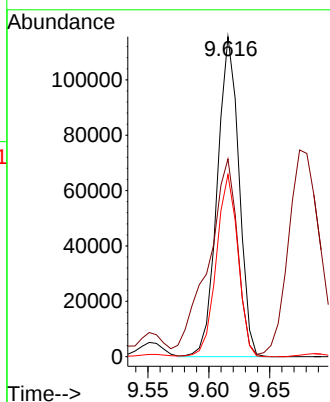
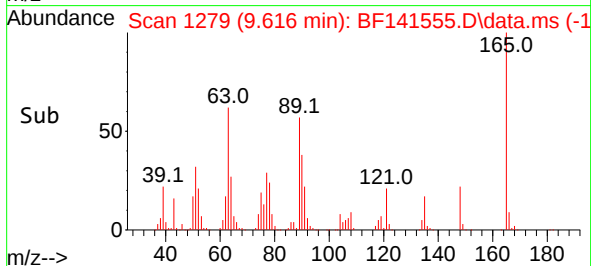
Instrument :
BNA_F
ClientSampleId :
PB166641BS



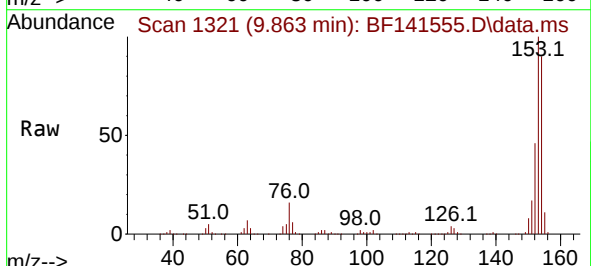
Tgt Ion:165 Resp: 14315
Ion Ratio Lower Upper
165 100
63 61.8 49.4 74.0
89 56.9 46.5 69.7

Manual Integrations
APPROVED

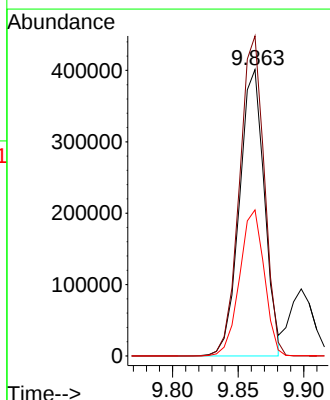
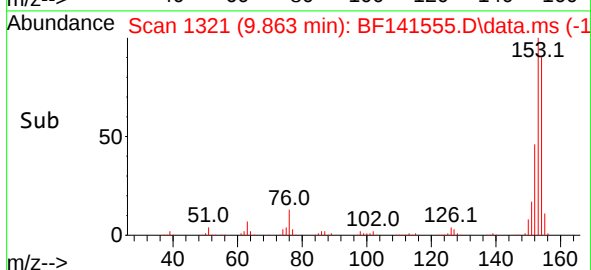
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

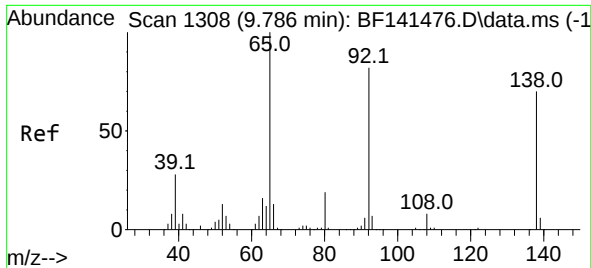


#52
Acenaphthene
Concen: 42.098 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:154 Resp: 531720
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 51.0 39.8 59.8





#53
3-Nitroaniline
Concen: 27.247 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

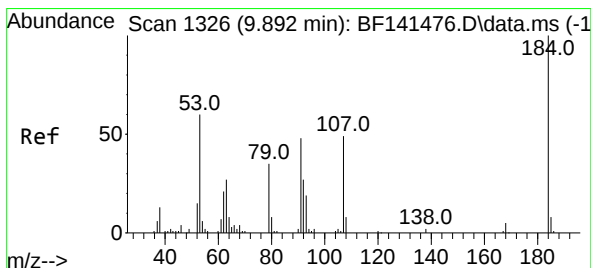
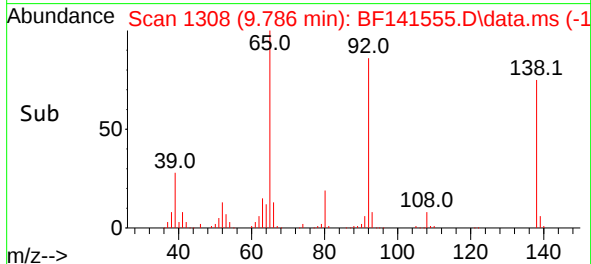
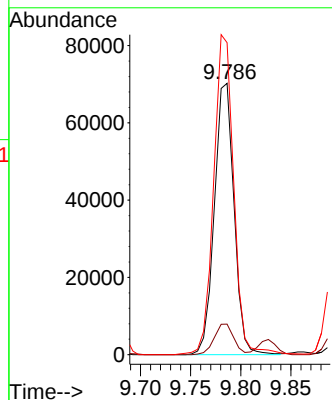
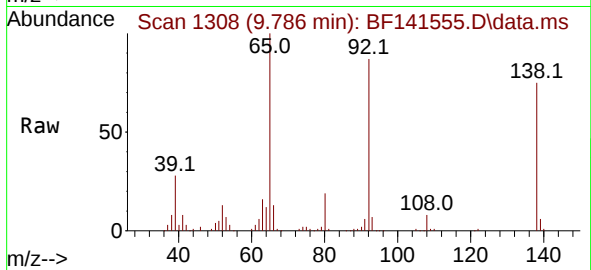
ClientSampleId :

PB166641BS

Tgt Ion:138 Resp: 9588
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 115.0 93.7 140.5

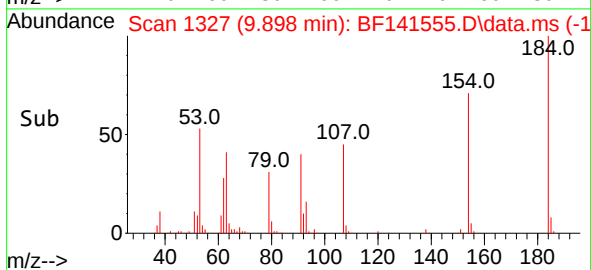
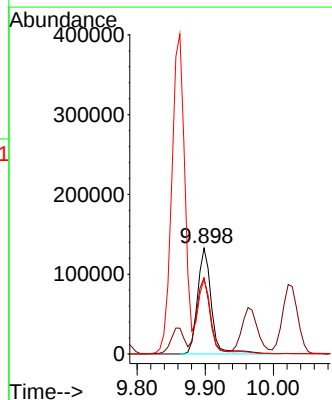
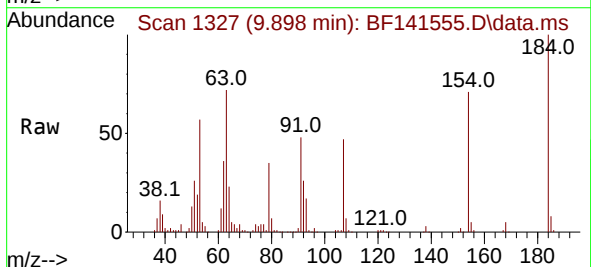
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#54
2,4-Dinitrophenol
Concen: 96.132 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

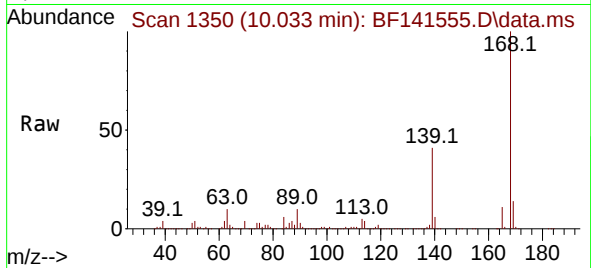
Tgt Ion:184 Resp: 186814
Ion Ratio Lower Upper
184 100
63 71.8 61.0 91.6
154 70.8 59.9 89.9





#55
Dibenzenofuran
Concen: 41.146 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

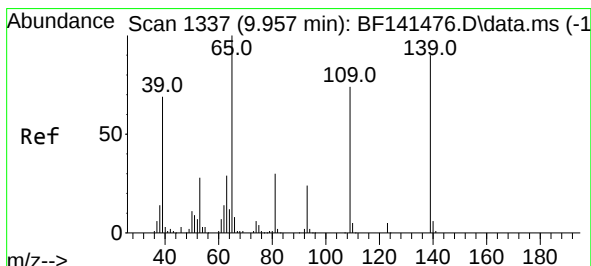
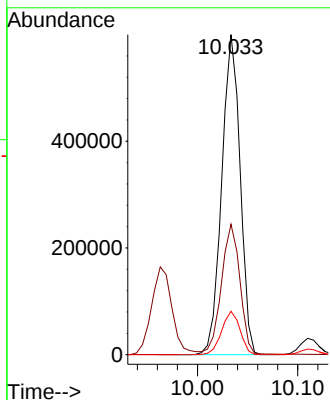
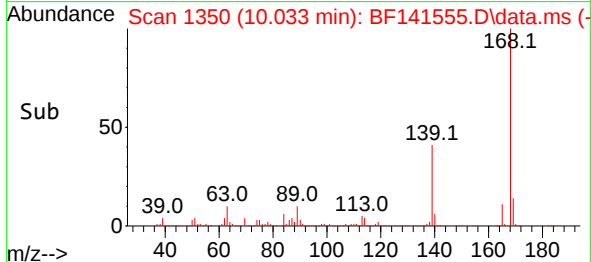
Instrument : BNA_F
ClientSampleId : PB166641BS



Tgt Ion:168 Resp: 762820
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.6 10.8 16.2

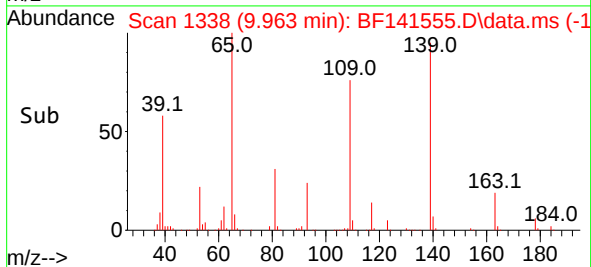
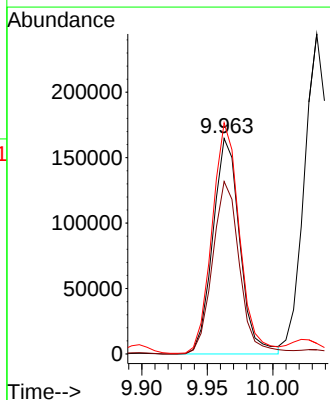
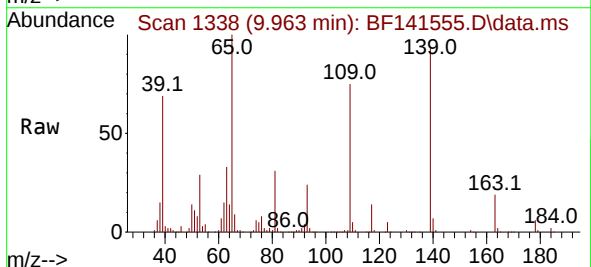
Manual Integrations
APPROVED

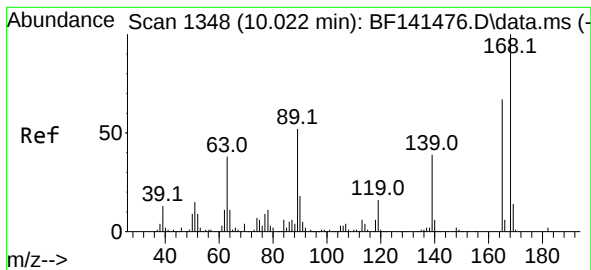
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 90.129 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:139 Resp: 235458
Ion Ratio Lower Upper
139 100
109 80.0 62.0 102.0
65 107.3 91.2 131.2





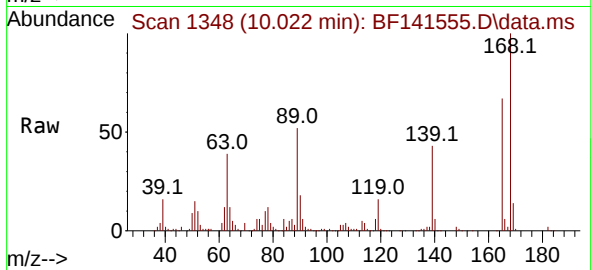
#57
2,4-Dinitrotoluene
Concen: 44.877 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

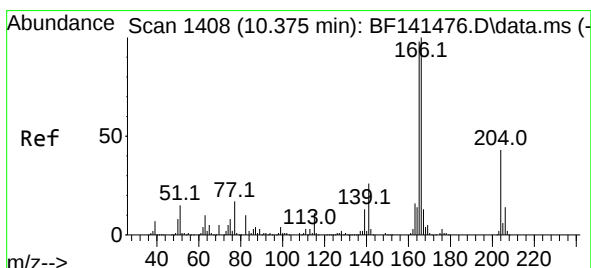
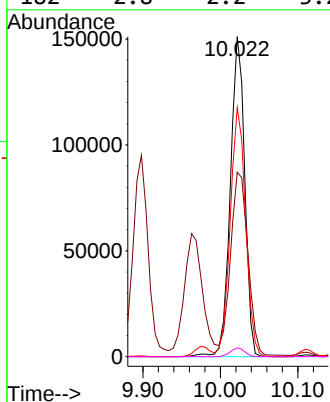
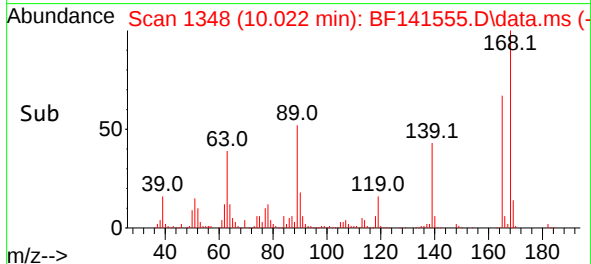


Tgt Ion:165 Resp: 19534
Ion Ratio Lower Upper
165 100
63 57.6 46.4 69.6
89 77.8 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations

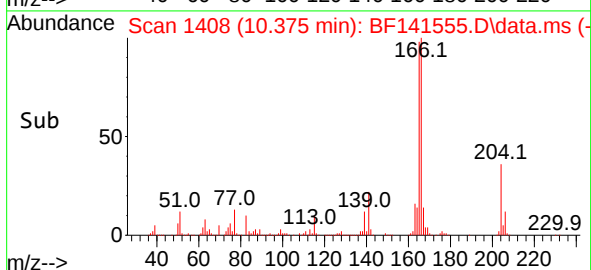
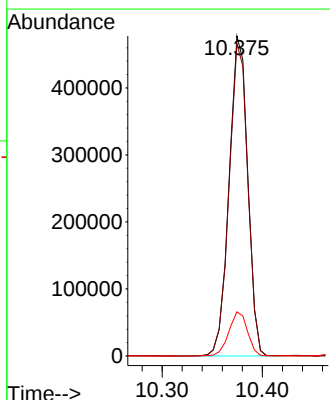
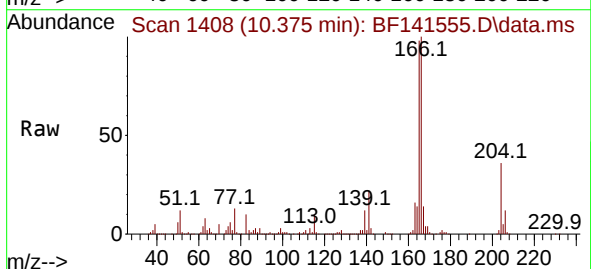
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#58
Fluorene
Concen: 43.078 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

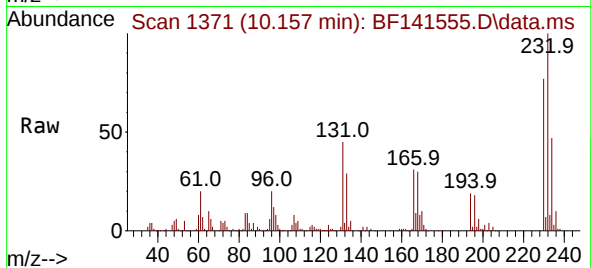
Tgt Ion:166 Resp: 617507
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.427 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

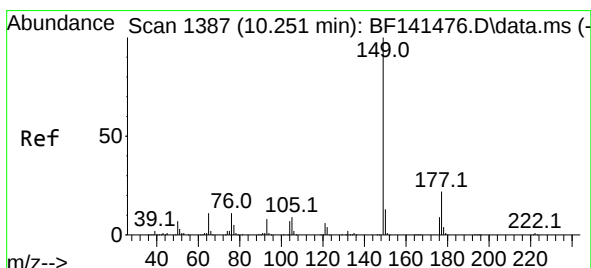
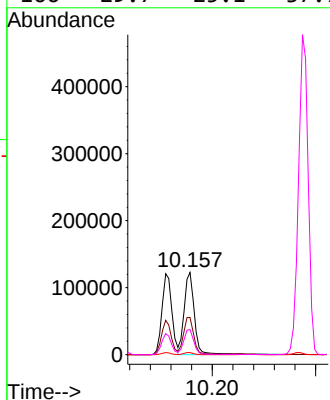
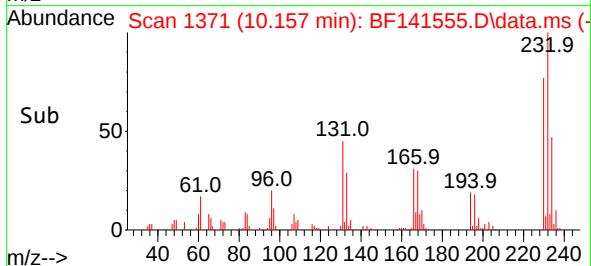
Instrument :
BNA_F
ClientSampleId :
PB166641BS



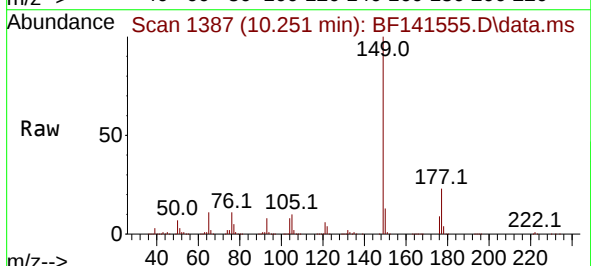
Tgt Ion:232 Resp: 16693
Ion Ratio Lower Upper
232 100
131 46.0 39.2 58.8
130 2.4 2.1 3.1
166 29.7 25.1 37.7

Manual Integrations
APPROVED

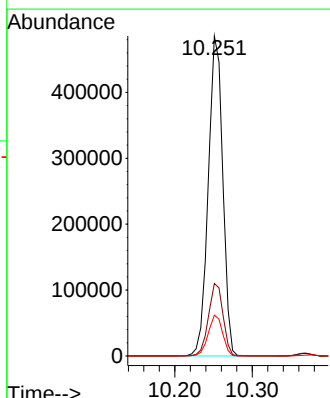
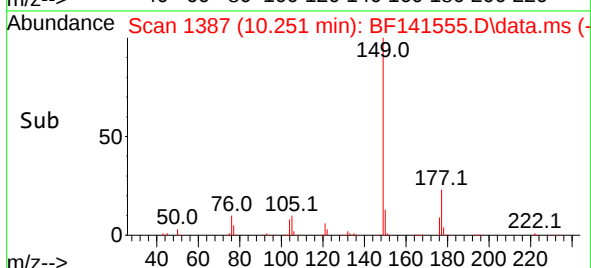
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

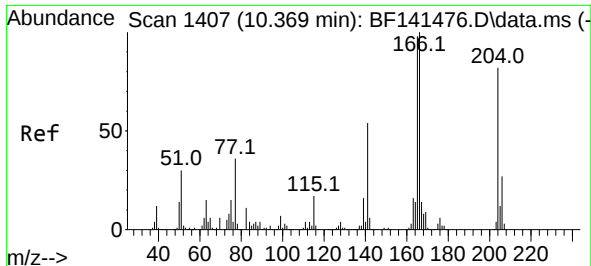


#60
Diethylphthalate
Concen: 42.836 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



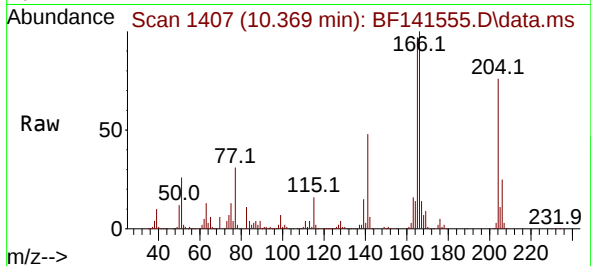
Tgt Ion:149 Resp: 630385
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.155 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

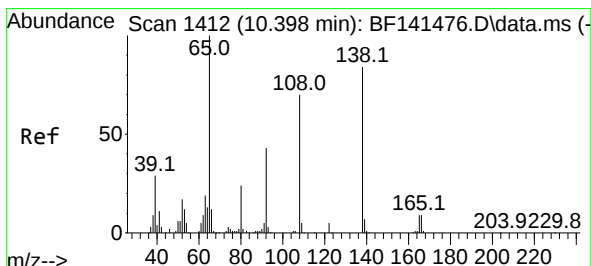
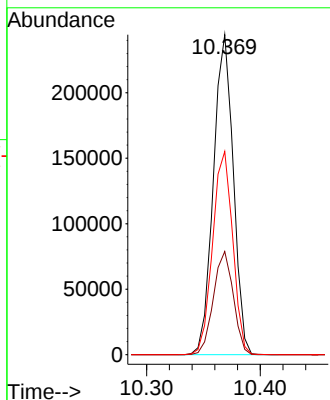
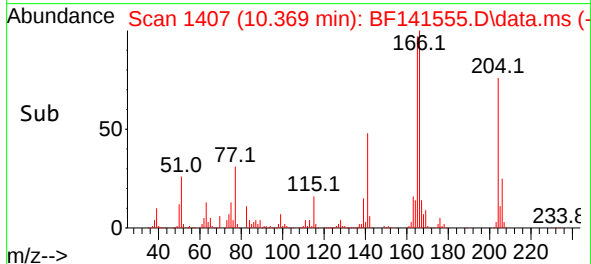
Instrument :
BNA_F
ClientSampleId :
PB166641BS



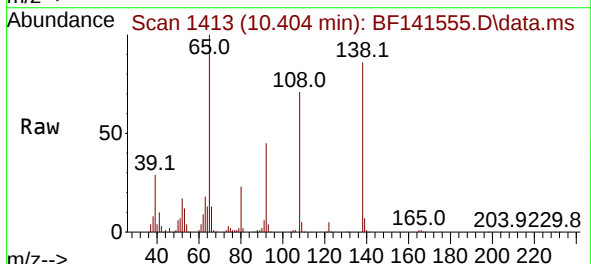
Tgt Ion:204 Resp: 297608
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 63.5 51.9 77.9

Manual Integrations
APPROVED

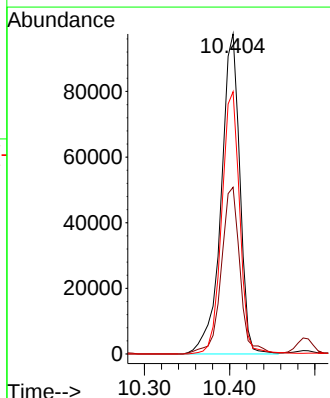
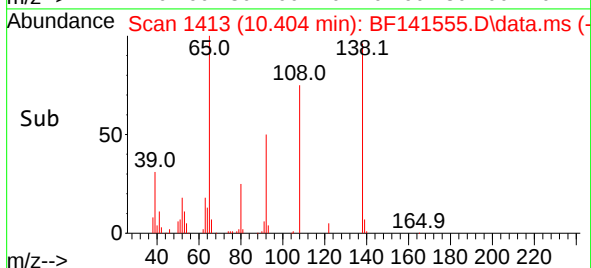
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

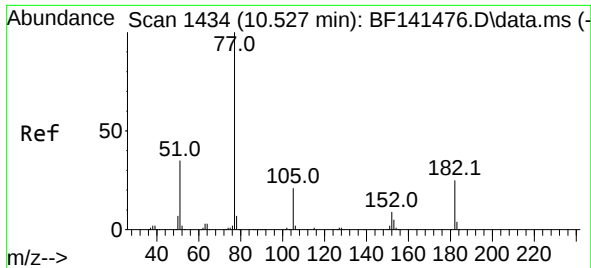


#62
4-Nitroaniline
Concen: 41.625 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



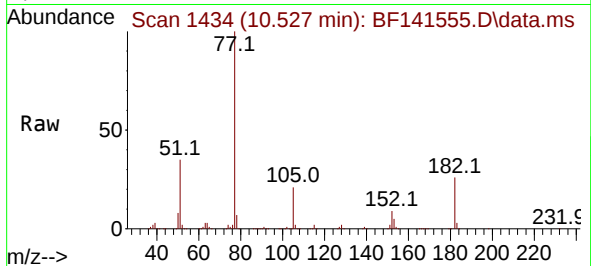
Tgt Ion:138 Resp: 148745
Ion Ratio Lower Upper
138 100
92 52.1 31.3 71.3
108 82.0 63.7 103.7





#63
Azobenzene
Concen: 41.933 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

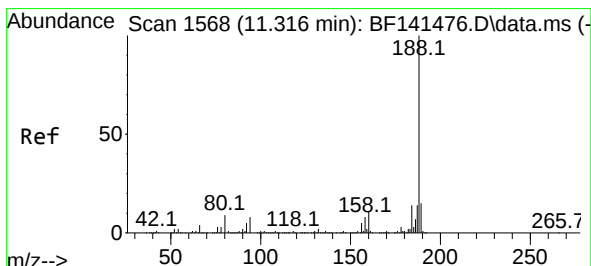
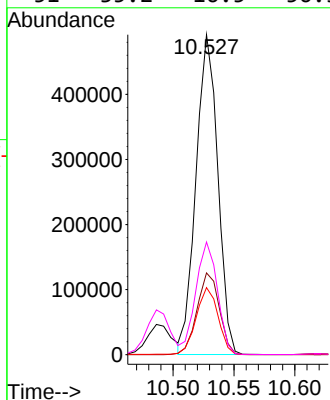
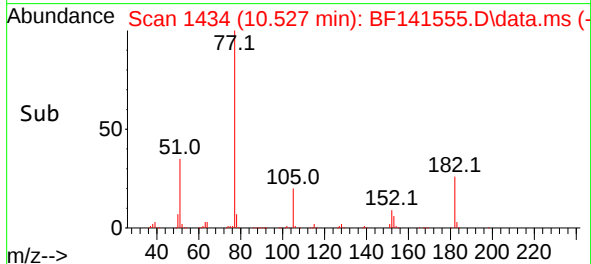
Instrument :
BNA_F
ClientSampleId :
PB166641BS



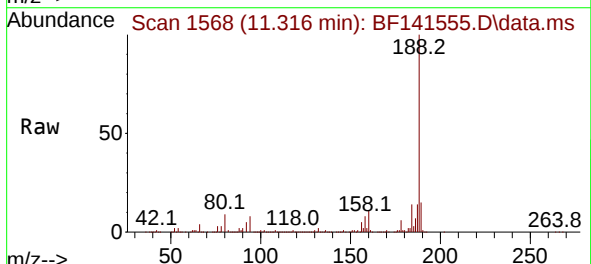
Tgt Ion: 77 Resp: 61347
Ion Ratio Lower Upper
77 100
182 25.5 4.7 44.7
105 21.0 0.4 40.4
51 35.2 16.5 56.5

Manual Integrations
APPROVED

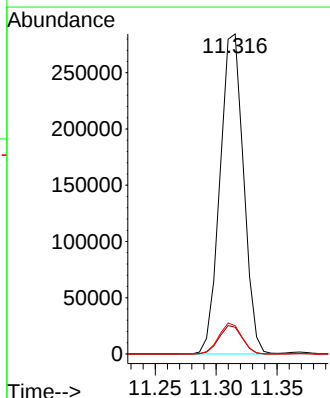
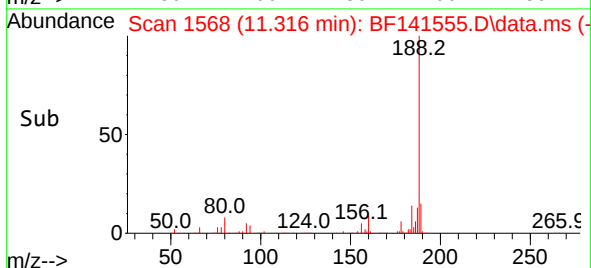
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:188 Resp: 382864
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.3 10.9





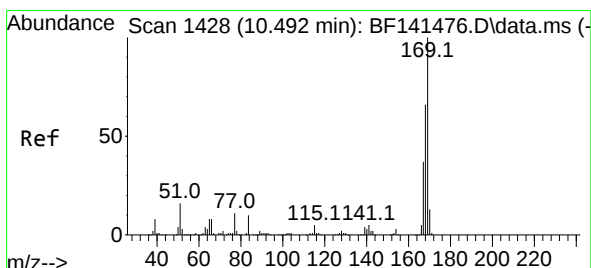
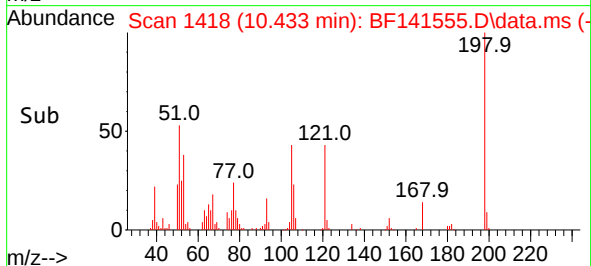
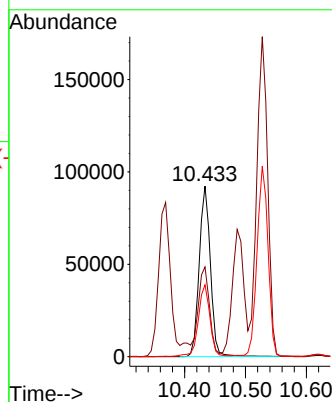
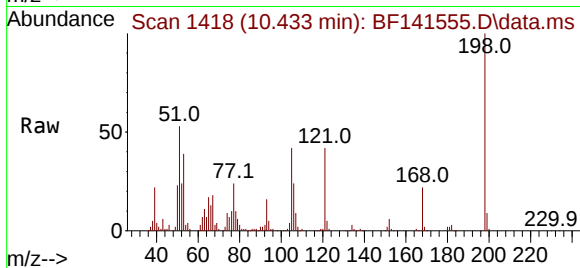
#65
4,6-Dinitro-2-methylphenol
Concen: 44.566 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion:198 Resp: 11852
Ion Ratio Lower Upper
198 100
51 52.7 37.4 77.4
105 42.1 25.2 65.2

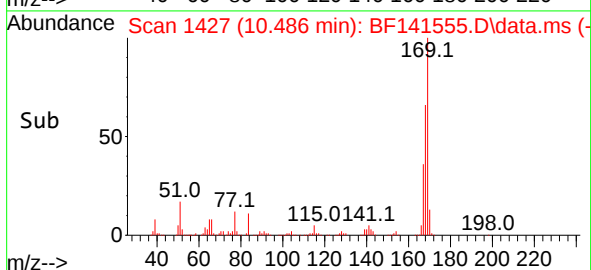
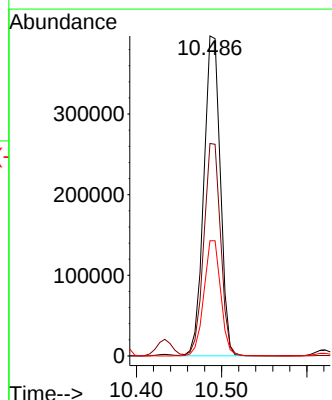
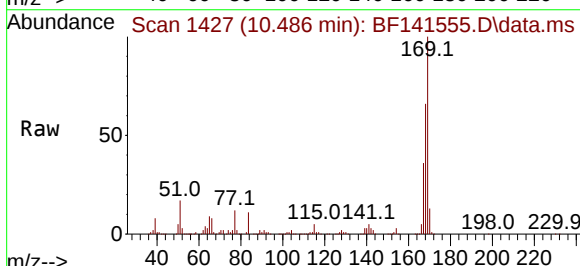
Manual Integrations
APPROVED

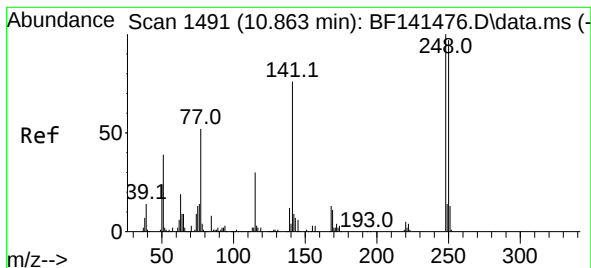
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 43.501 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:169 Resp: 533140
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.455 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

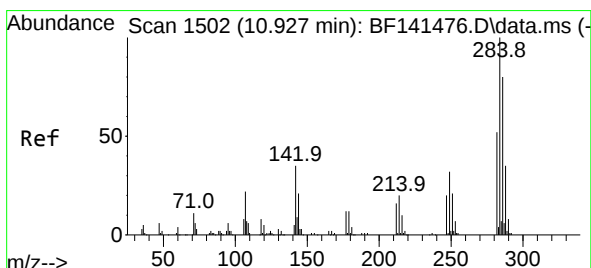
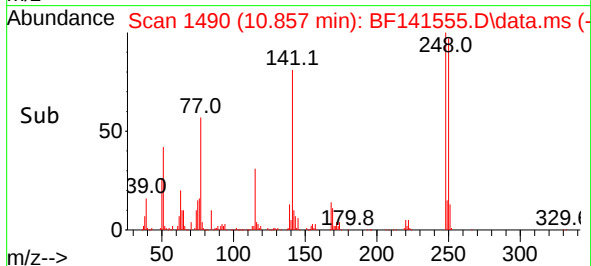
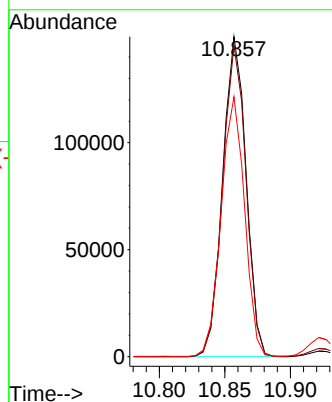
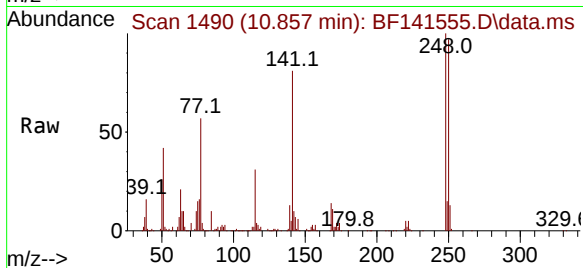
PB166641BS

Tgt Ion:248 Resp: 185940
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 81.2 60.6 90.8

Manual Integrations

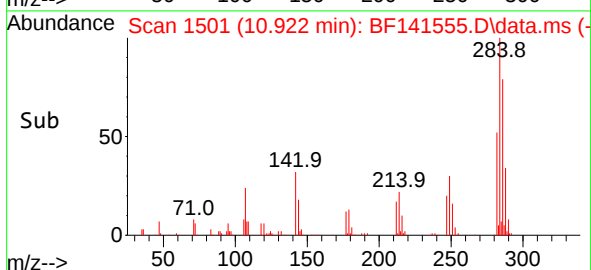
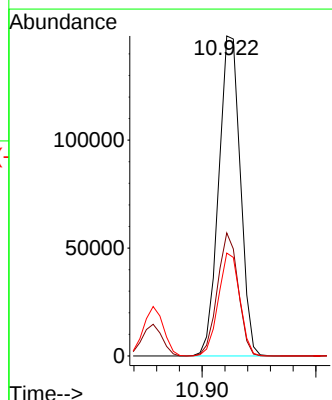
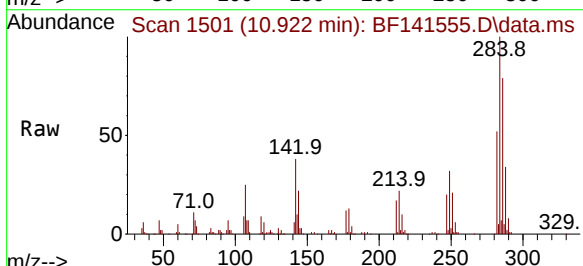
APPROVED

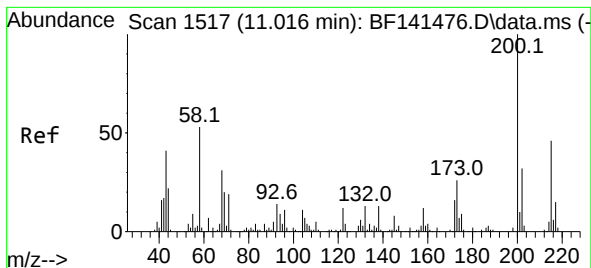
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#68
Hexachlorobenzene
Concen: 44.475 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:284 Resp: 195967
Ion Ratio Lower Upper
284 100
142 38.5 28.0 42.0
249 32.1 25.8 38.8





#69

Atrazine

Concen: 57.636 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

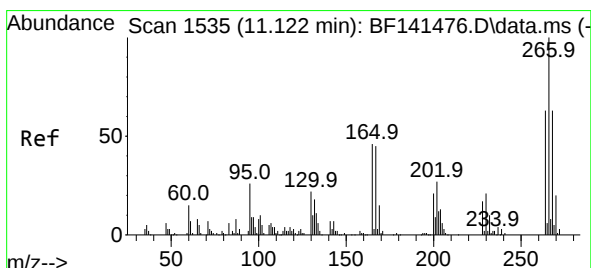
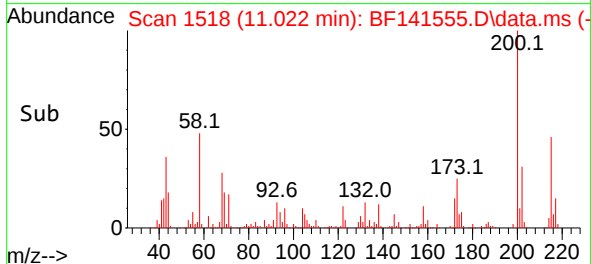
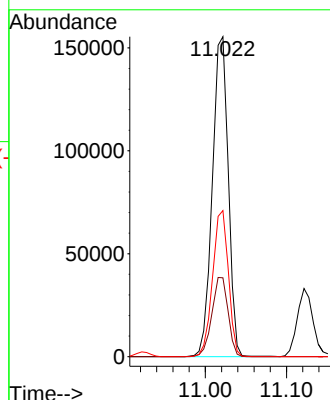
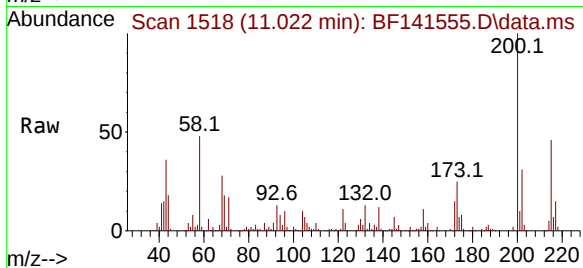
PB166641BS

Tgt Ion:200 Resp: 21191
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.9 45.9
 215 45.7 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 84.913 ng

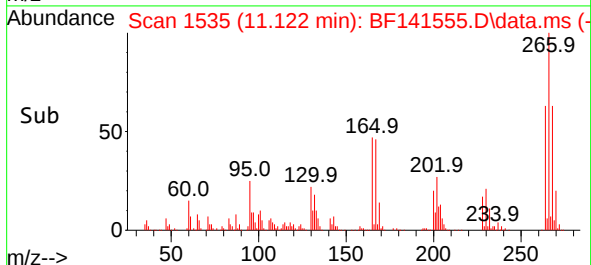
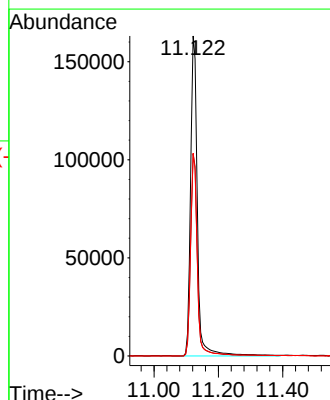
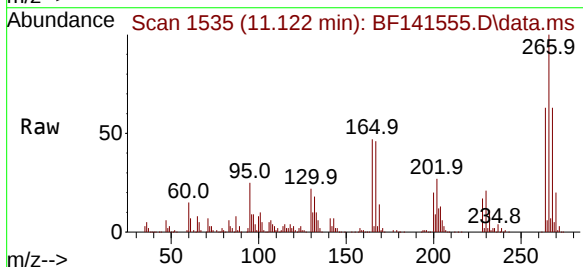
RT: 11.122 min Scan# 1535

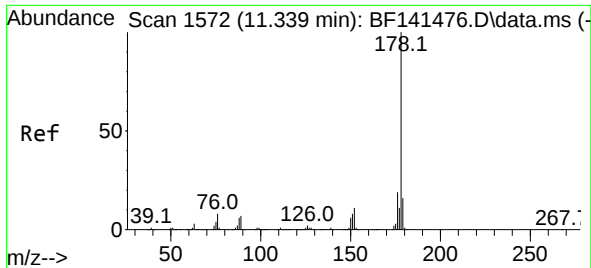
Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

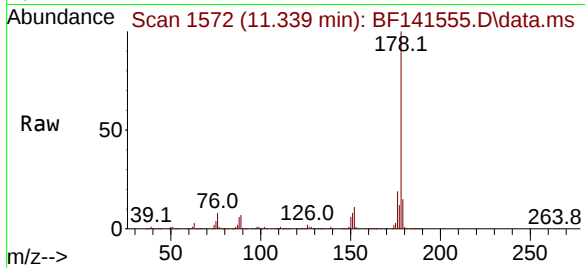
Tgt Ion:266 Resp: 239236
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.1 75.1
 264 63.4 50.1 75.1





#71
Phenanthrene
Concen: 43.670 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

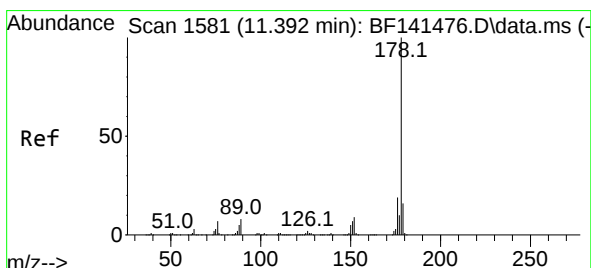
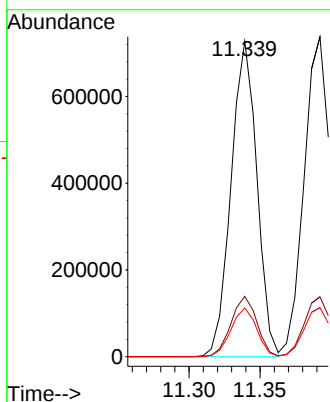
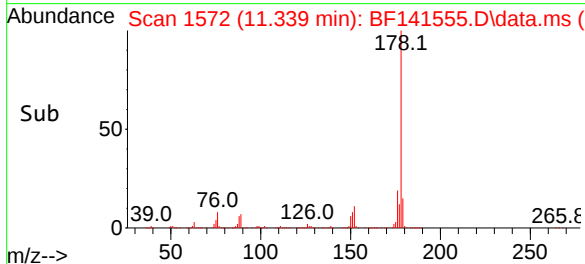
Instrument :
BNA_F
ClientSampleId :
PB166641BS



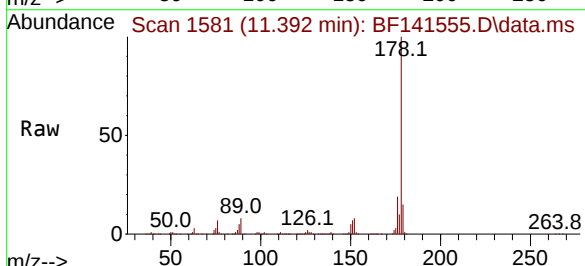
Tgt Ion:178 Resp: 920349
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

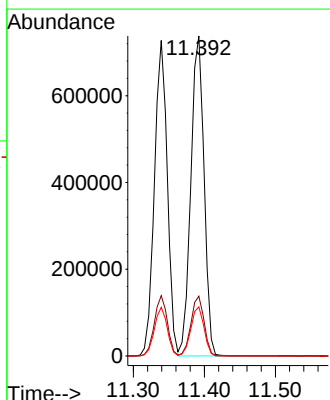
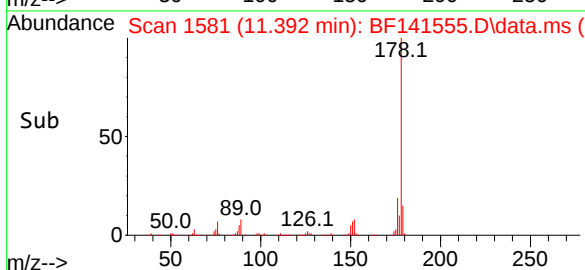
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

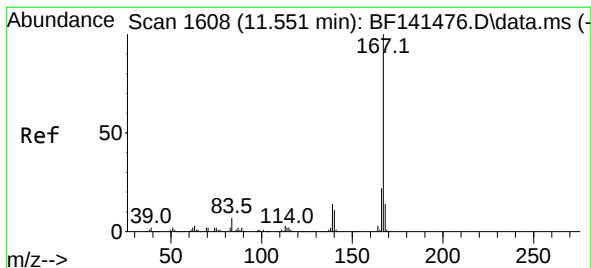


#72
Anthracene
Concen: 45.027 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:178 Resp: 953911
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 43.062 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:167 Resp: 82086

Ion Ratio Lower Upper

167 100

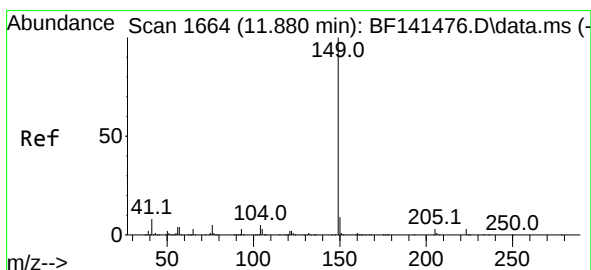
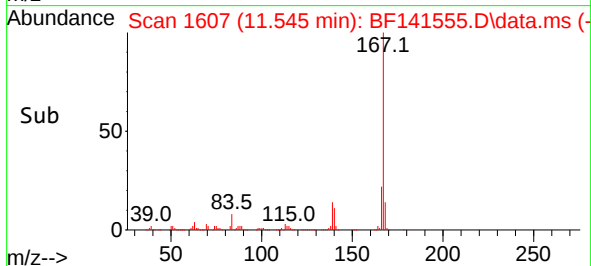
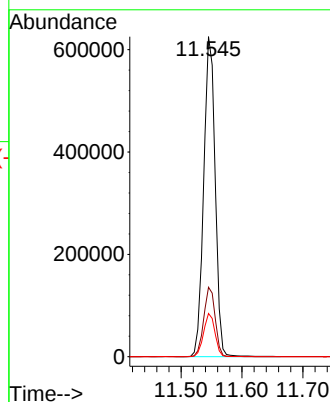
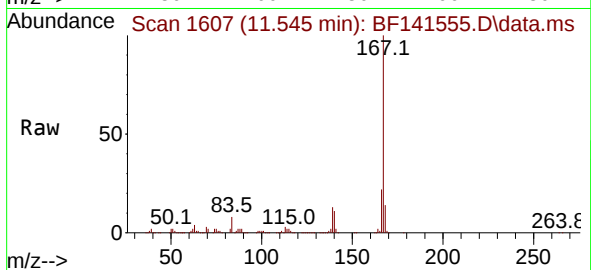
166 21.7 17.4 26.2

139 13.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#74

Di-n-butylphthalate

Concen: 44.718 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

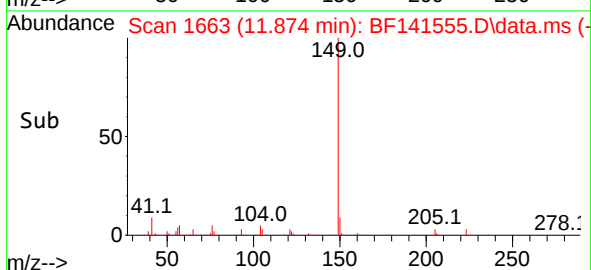
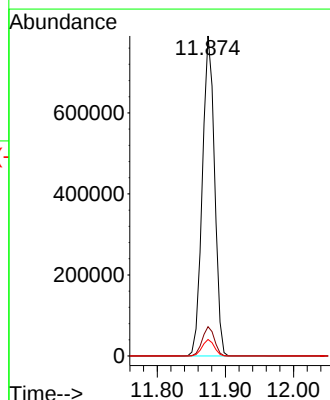
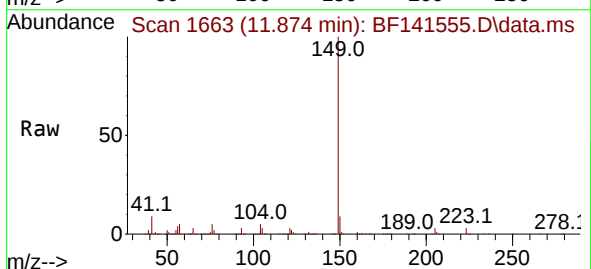
Tgt Ion:149 Resp: 984268

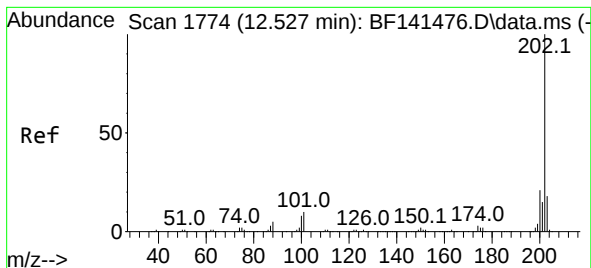
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 43.403 ng

RT: 12.527 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

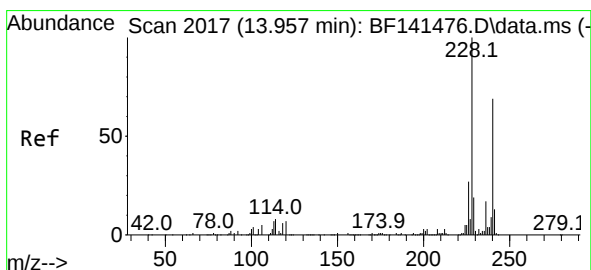
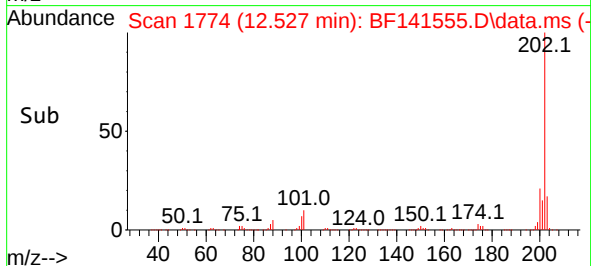
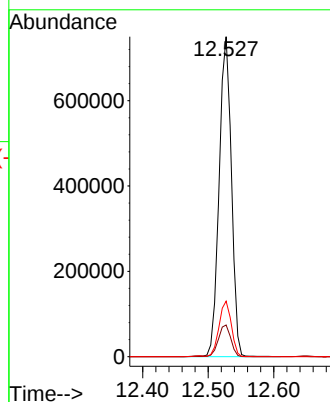
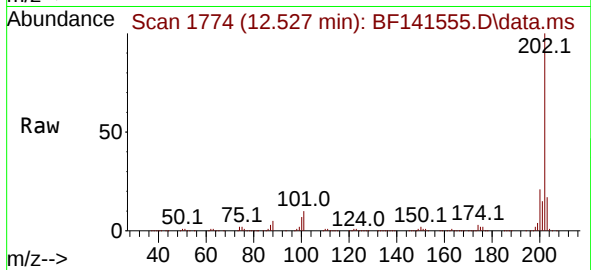
Tgt Ion:202 Resp: 96977

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.2
203	17.3	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

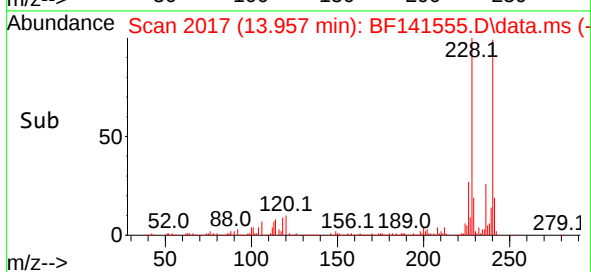
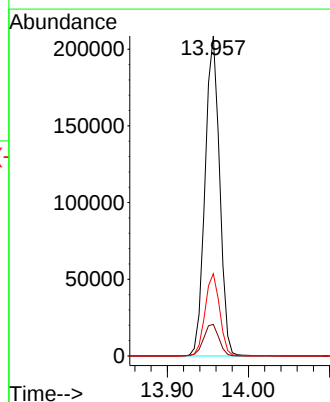
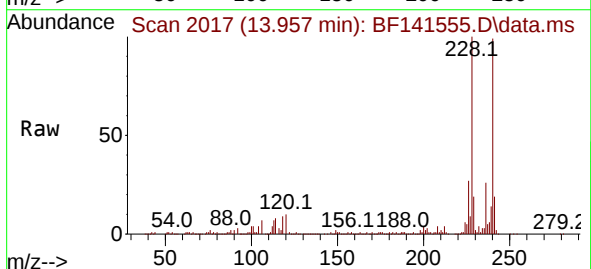
Delta R.T. -0.006 min

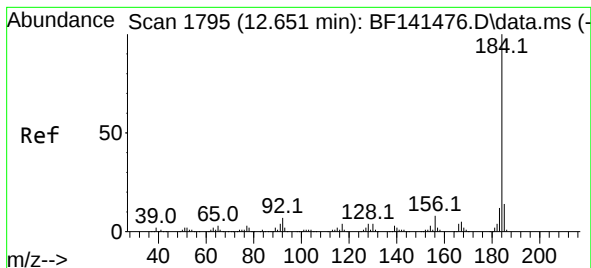
Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:240 Resp: 259250

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.0	12.0
236	25.7	19.8	29.8





#77

Benzidine

Concen: 65.649 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

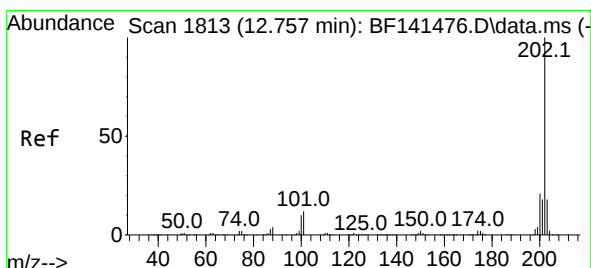
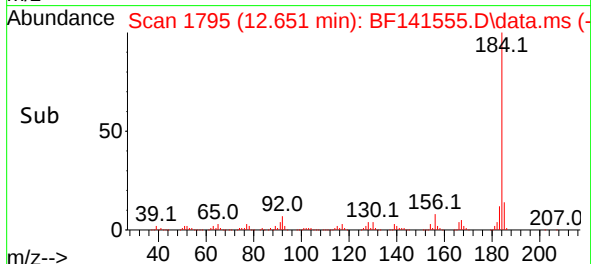
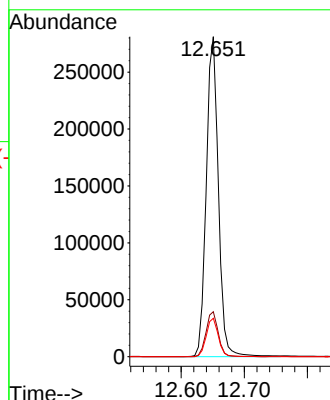
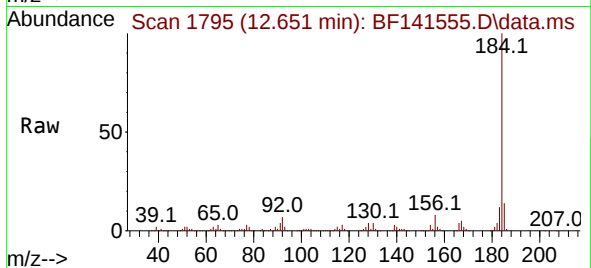
PB166641BS

Tgt Ion:184 Resp: 375352
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.3 16.9
 183 12.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 44.093 ng

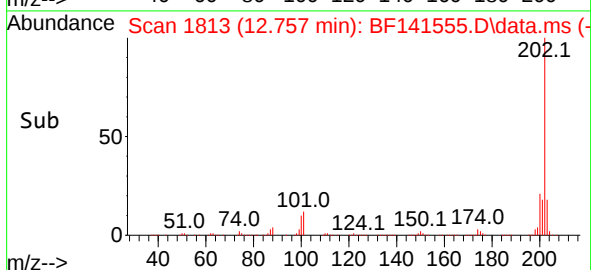
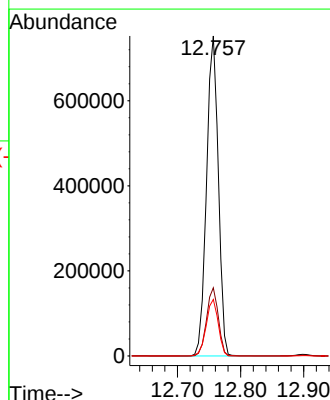
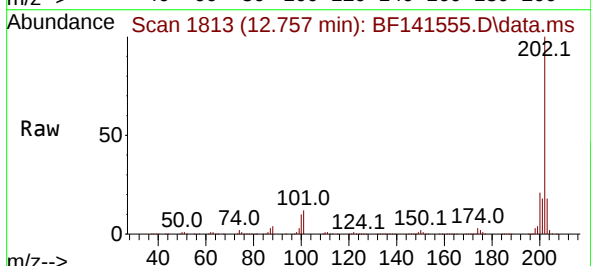
RT: 12.757 min Scan# 1813

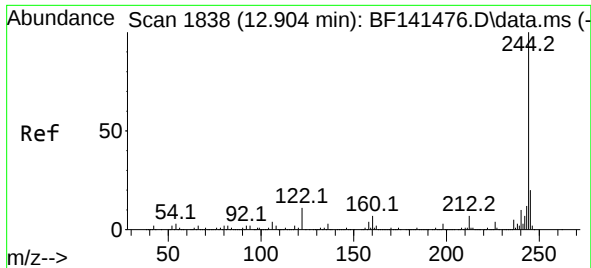
Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

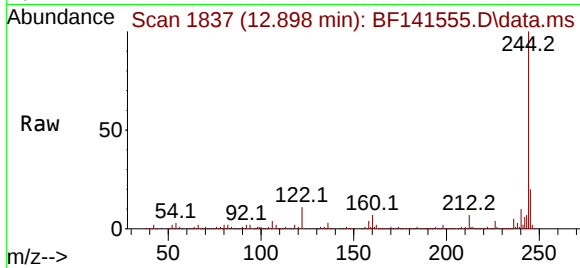
Tgt Ion:202 Resp: 973088
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.7 14.3 21.5





#79
Terphenyl-d14
Concen: 97.272 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

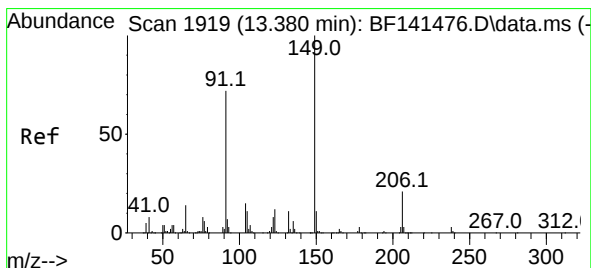
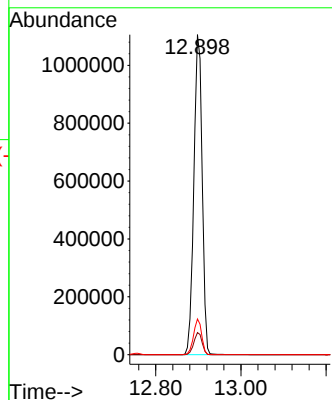
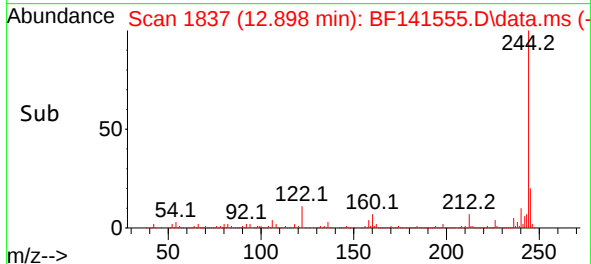
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:244 Resp: 1493792
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.1 8.4 12.6

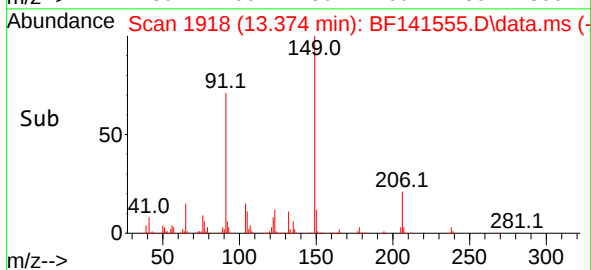
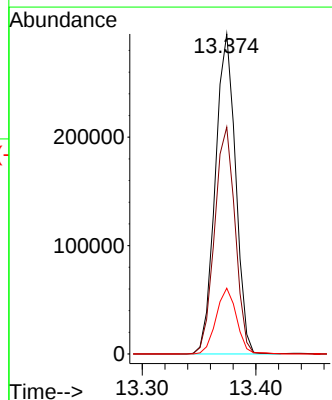
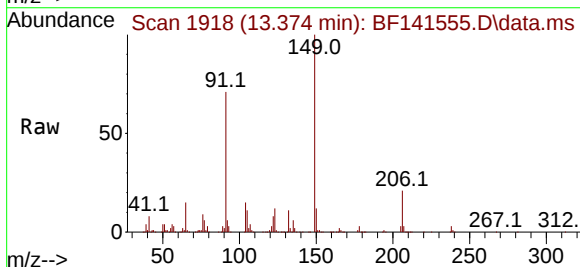
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#80
Butylbenzylphthalate
Concen: 47.989 ng
RT: 13.374 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:149 Resp: 366834
Ion Ratio Lower Upper
149 100
91 70.9 57.8 86.8
206 20.6 16.7 25.1





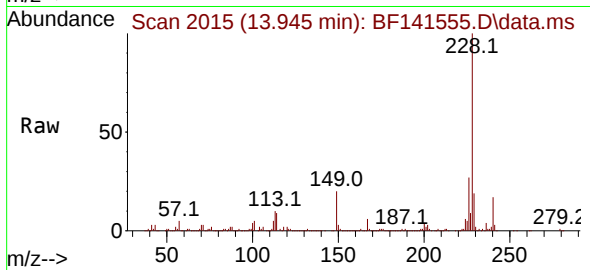
#81
Benzo(a)anthracene
Concen: 43.545 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

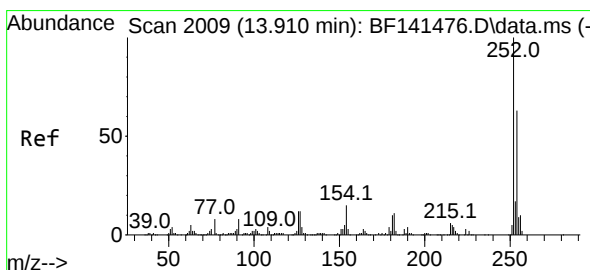
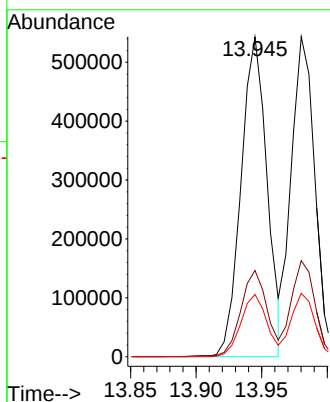
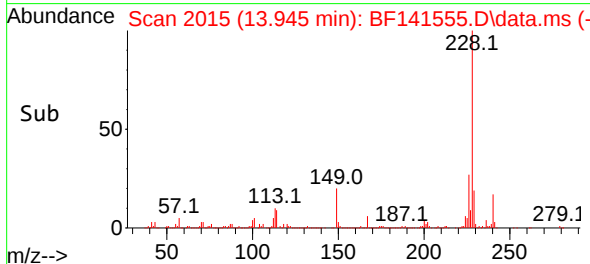


Tgt Ion:228 Resp: 750425
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.6

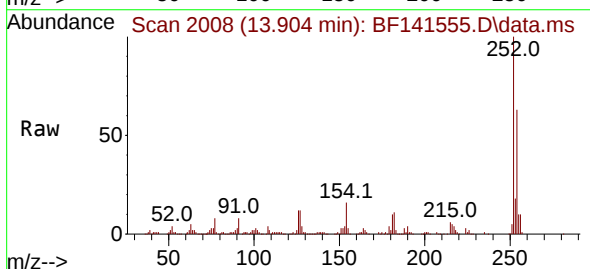
Manual Integrations

APPROVED

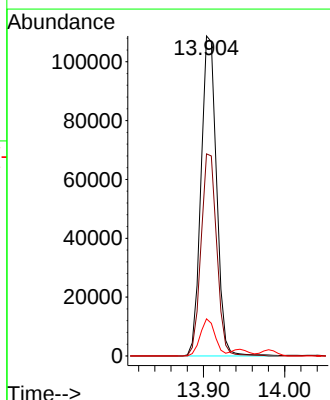
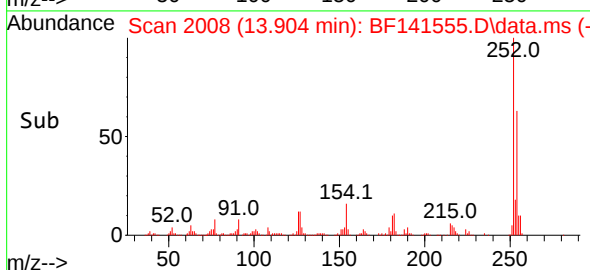
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

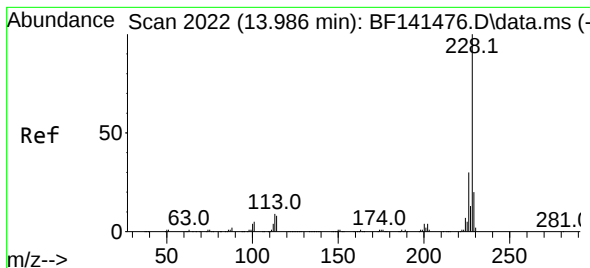


#82
3,3'-Dichlorobenzidine
Concen: 29.286 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:252 Resp: 144570
Ion Ratio Lower Upper
252 100
254 63.1 50.6 76.0
126 11.6 9.3 13.9





#83

Chrysene

Concen: 42.714 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141555.D

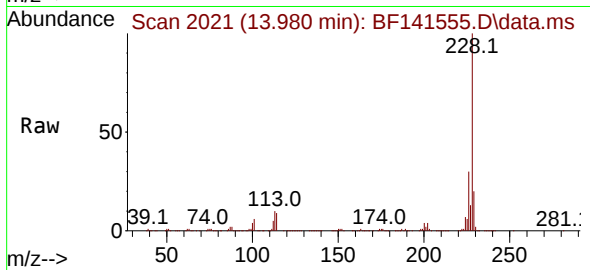
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



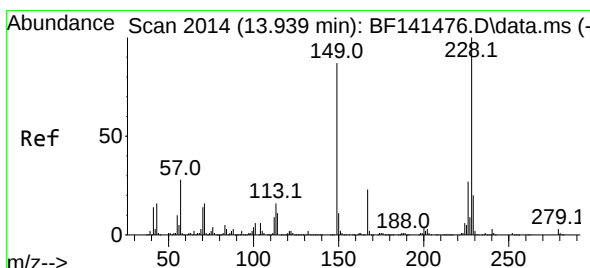
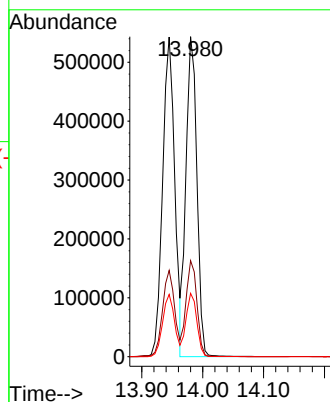
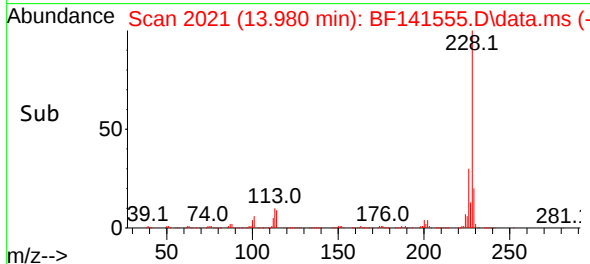
Tgt Ion:228 Resp: 679672

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.416 ng

RT: 13.933 min Scan# 2013

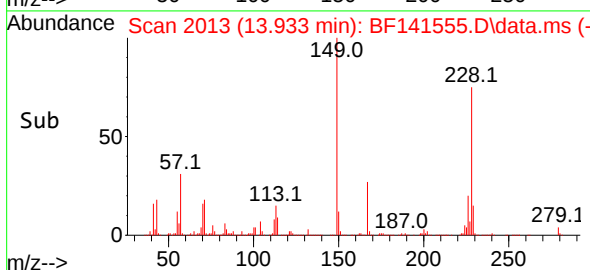
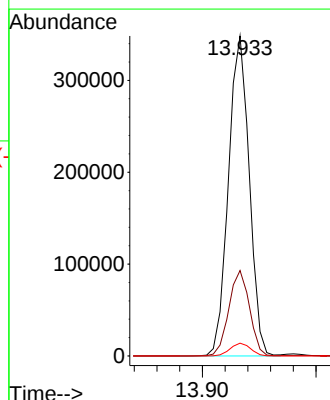
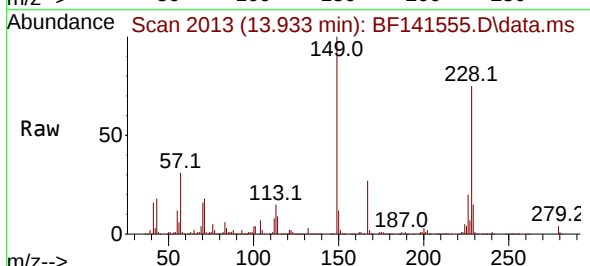
Delta R.T. -0.006 min

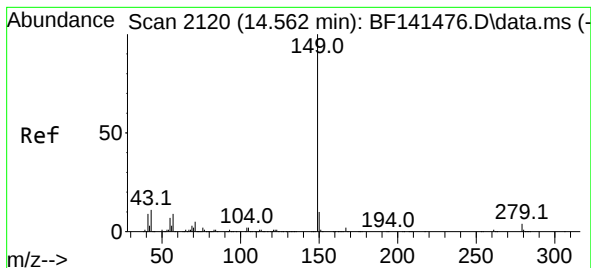
Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:149 Resp: 443280

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 48.638 ng

RT: 14.551 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:149 Resp: 598210

Ion Ratio Lower Upper

149 100

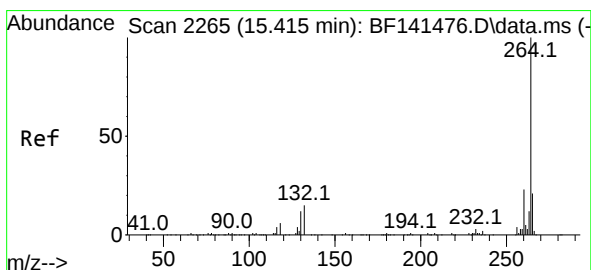
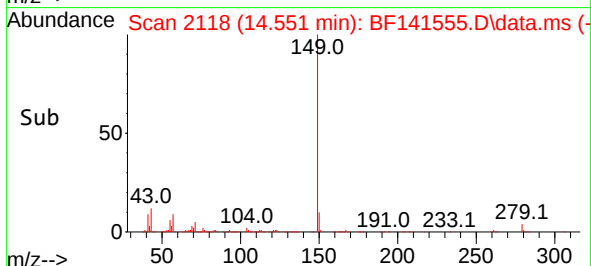
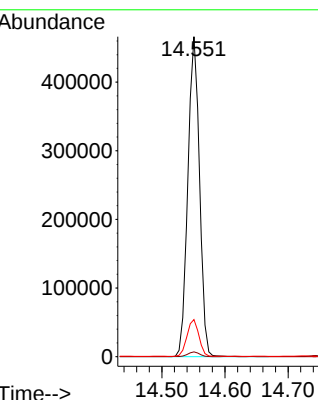
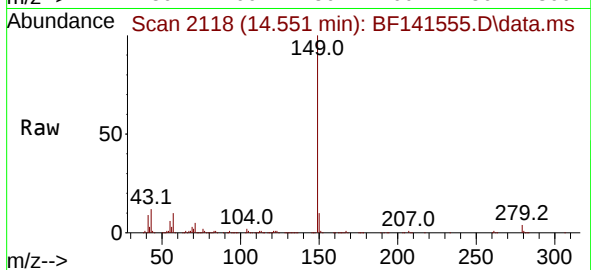
167 1.5 1.3 1.9

43 11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

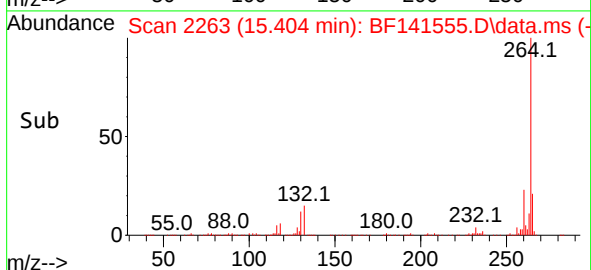
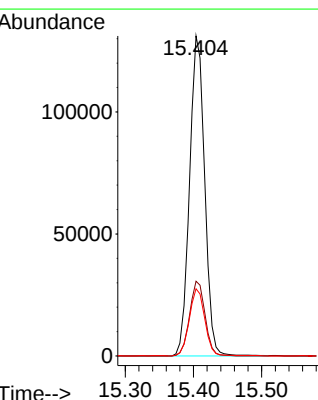
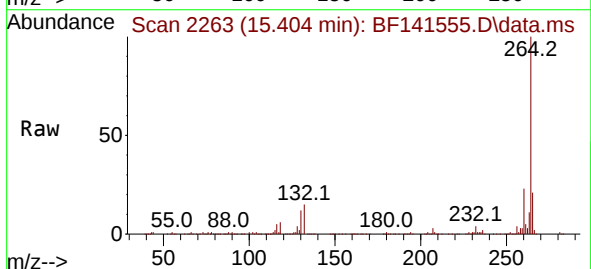
Tgt Ion:264 Resp: 202543

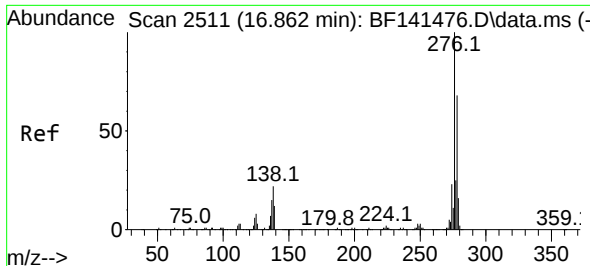
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.0 25.4





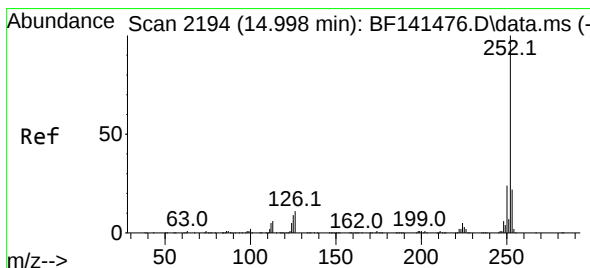
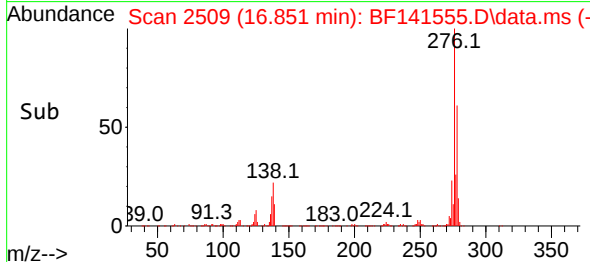
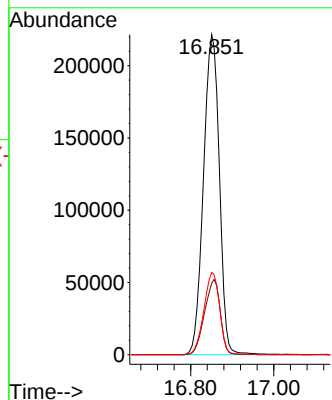
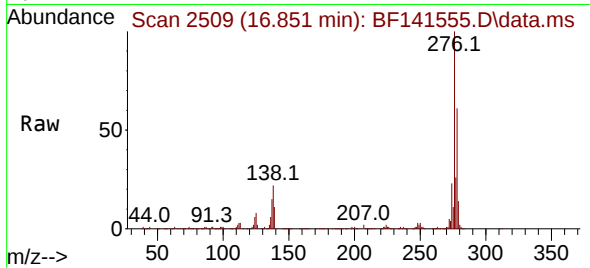
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.937 ng
RT: 16.851 min Scan# 2109
Delta R.T. -0.023 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion:276 Resp: 58741
Ion Ratio Lower Upper
276 100
138 23.1 18.0 27.0
277 25.5 20.4 30.6

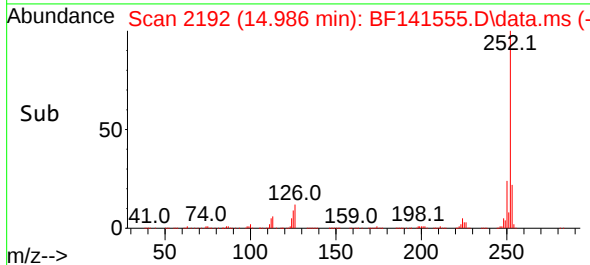
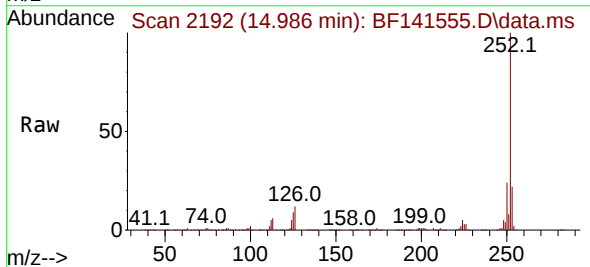
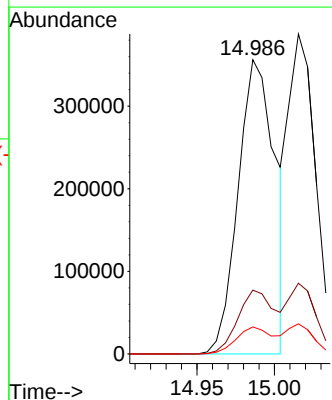
Manual Integrations
APPROVED

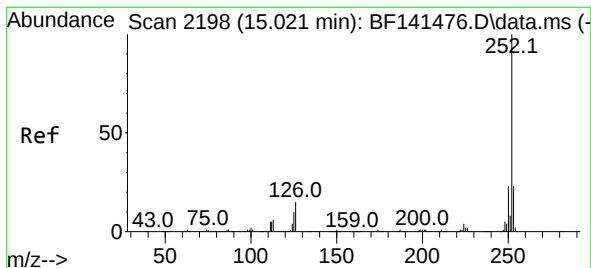
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#88
Benzo(b)fluoranthene
Concen: 43.373 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:252 Resp: 589857
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.011 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:252 Resp: 476250

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

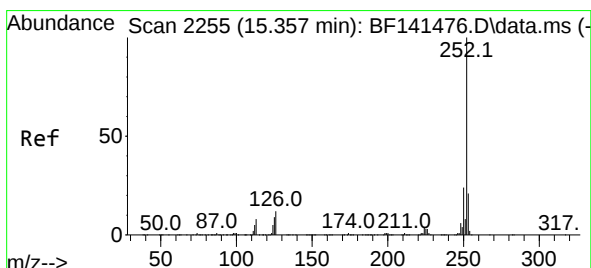
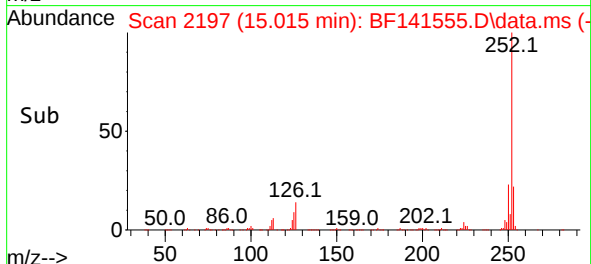
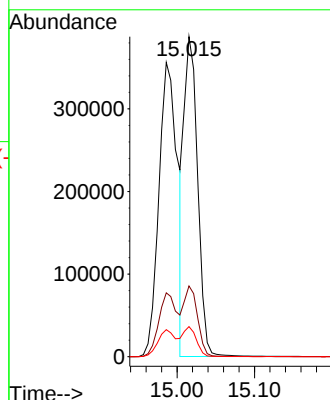
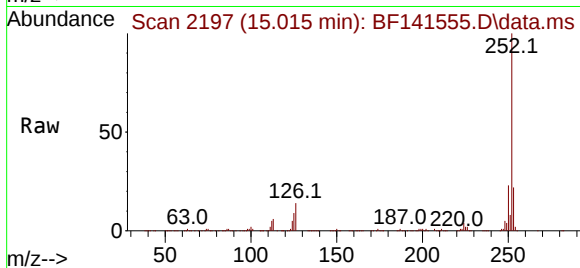
125 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025



#90

Benzo(a)pyrene

Concen: 44.944 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

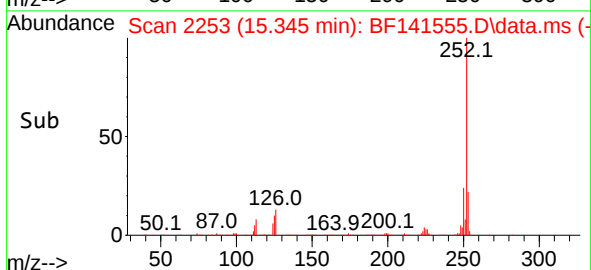
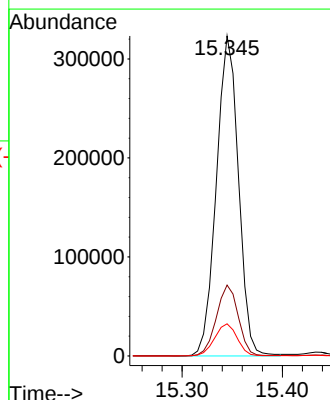
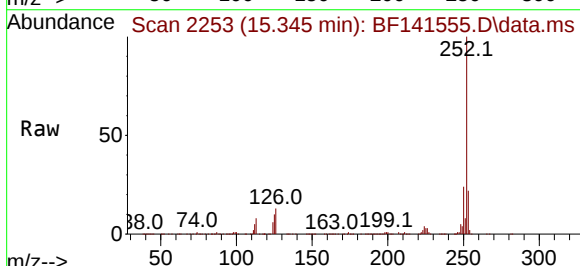
Tgt Ion:252 Resp: 494581

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

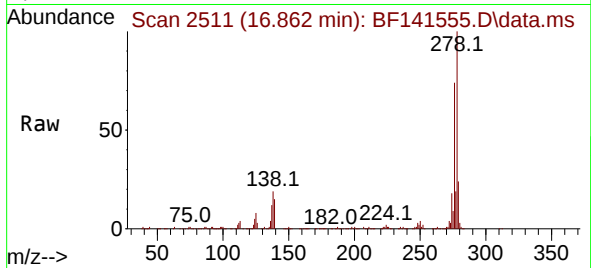
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 46.815 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

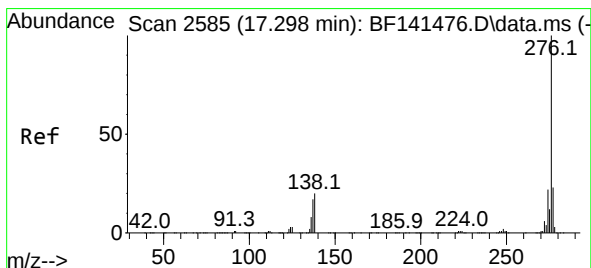
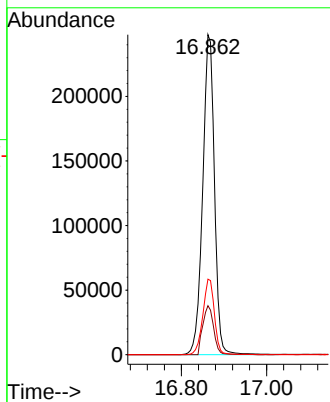
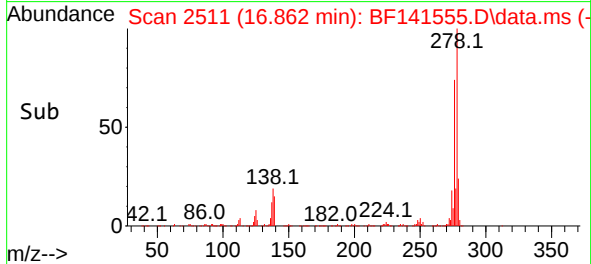
Instrument :
BNA_F
ClientSampleId :
PB166641BS



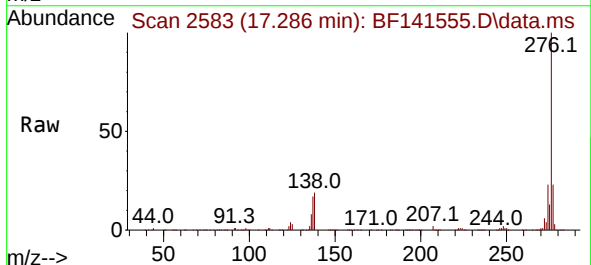
Tgt Ion:278 Resp: 474734
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 23.6 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 43.577 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:276 Resp: 462433
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.5 15.9 23.9

