

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141651.D
 Acq On : 14 Feb 2025 20:26
 Operator : RC/JU
 Sample : Q1365-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 22:08:22 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	6.786	152	100983	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	414680	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	220888	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	344116	20.000	ng	0.00
76) Chrysene-d12	13.951	240	202003	20.000	ng	-0.01
86) Perylene-d12	15.404	264	194698	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	575058	89.277	ng	0.00
7) Phenol-d6	6.434	99	711117	87.347	ng	0.00
23) Nitrobenzene-d5	7.351	82	462670	58.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	185303	83.510	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	806502	56.252	ng	0.00
79) Terphenyl-d14	12.892	244	672250	56.181	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	106735	41.171	ng	98
3) Pyridine	3.298	79	240952	39.058	ng	96
4) n-Nitrosodimethylamine	3.251	42	159721	39.101	ng	94
6) Aniline	6.457	93	251037	32.872	ng	90
8) 2-Chlorophenol	6.581	128	297009	42.673	ng	98
9) Benzaldehyde	6.339	77	136549	31.563	ng	96
10) Phenol	6.451	94	364673	43.037	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	309263	48.592	ng	97
12) 1,3-Dichlorobenzene	6.728	146	305774	41.614	ng	98
13) 1,4-Dichlorobenzene	6.804	146	310938	41.417	ng	98
14) 1,2-Dichlorobenzene	6.957	146	299900	43.041	ng	99
15) Benzyl Alcohol	6.939	79	252228	40.401	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	433182	39.760	ng	59
17) 2-Methylphenol	7.057	107	232247	42.640	ng	# 93
18) Hexachloroethane	7.298	117	116675	41.993	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	206637	42.432	ng	96
20) 3+4-Methylphenols	7.210	107	306791	44.322	ng	# 77
22) Acetophenone	7.198	105	455229	44.131	ng	# 93
24) Nitrobenzene	7.375	77	313299	40.412	ng	97
25) Isophorone	7.610	82	556454	43.896	ng	99
26) 2-Nitrophenol	7.686	139	161960	41.990	ng	94
27) 2,4-Dimethylphenol	7.733	122	238414	52.911	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	336890	41.474	ng	100
29) 2,4-Dichlorophenol	7.939	162	255033	41.890	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	266452	40.190	ng	99
31) Naphthalene	8.092	128	851464	39.446	ng	99
32) Benzoic acid	7.881	122	186076	39.757	ng	98
33) 4-Chloroaniline	8.163	127	147937	19.630	ng	98
34) Hexachlorobutadiene	8.204	225	162786	40.900	ng	99
35) Caprolactam	8.522	113	87869m	47.403	ng	
36) 4-Chloro-3-methylphenol	8.645	107	273260	40.520	ng	99
37) 2-Methylnaphthalene	8.780	142	535907	38.152	ng	100
38) 1-Methylnaphthalene	8.880	142	525584	38.633	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	291134	45.557	ng	98
41) Hexachlorocyclopentadiene	8.933	237	212523	99.985	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	172386	41.737	ng	99

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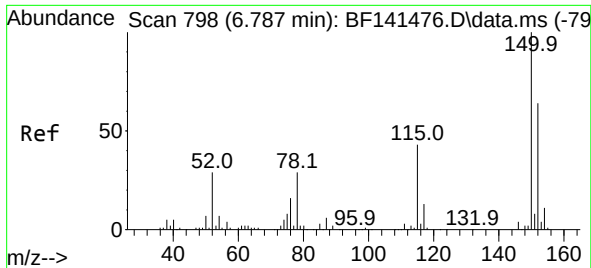
Quant Time: Feb 14 22:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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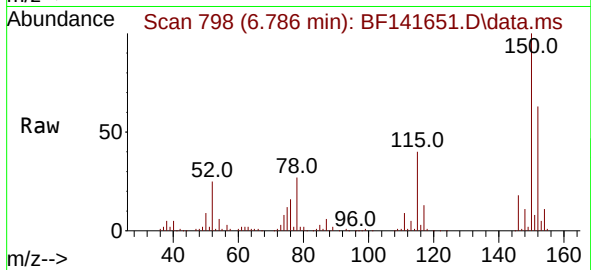
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	185033	41.336	ng	98
46) 1,1'-Biphenyl	9.245	154	771511	45.052	ng	99
47) 2-Chloronaphthalene	9.275	162	524535	41.421	ng	99
48) 2-Nitroaniline	9.375	65	176287	41.481	ng	98
49) Acenaphthylene	9.686	152	799756	42.460	ng	99
50) Dimethylphthalate	9.551	163	642785	42.865	ng	100
51) 2,6-Dinitrotoluene	9.616	165	137196	41.852	ng	99
52) Acenaphthene	9.857	154	503021	39.724	ng	99
53) 3-Nitroaniline	9.786	138	115800	32.821	ng	99
54) 2,4-Dinitrophenol	9.898	184	138725	71.204	ng	94
55) Dibenzofuran	10.033	168	719169	38.693	ng	99
56) 4-Nitrophenol	9.969	139	197132	75.266	ng	95
57) 2,4-Dinitrotoluene	10.022	165	180106	41.271	ng	97
58) Fluorene	10.374	166	573475	39.904	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	156183	40.527	ng	95
60) Diethylphthalate	10.245	149	606674	41.120	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	280005	40.499	ng	99
62) 4-Nitroaniline	10.404	138	133052	37.138	ng	97
63) Azobenzene	10.527	77	637673	43.476	ng	93
65) 4,6-Dinitro-2-methylph...	10.427	198	92764	38.807	ng	99
66) n-Nitrosodiphenylamine	10.486	169	494801	44.919	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	171205	44.516	ng	99
68) Hexachlorobenzene	10.922	284	173305	43.761	ng	99
69) Atrazine	11.016	200	176359	53.367	ng	100
70) Pentachlorophenol	11.121	266	186074	73.481	ng	99
71) Phenanthrene	11.333	178	831354	43.889	ng	99
72) Anthracene	11.386	178	817187	42.916	ng	100
73) Carbazole	11.545	167	688005	40.156	ng	100
74) Di-n-butylphthalate	11.868	149	859143	43.428	ng	100
75) Fluoranthene	12.521	202	807976	40.233	ng	100
77) Benzidine	12.651	184	206314	46.310	ng	100
78) Pyrene	12.751	202	787624	45.803	ng	100
80) Butylbenzylphthalate	13.368	149	282174	47.375	ng	99
81) Benzo(a)anthracene	13.939	228	585711	43.619	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	193646	50.344	ng	99
83) Chrysene	13.980	228	549350	44.308	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	348037	51.809	ng	99
85) Di-n-octyl phthalate	14.545	149	543923	56.758	ng	100
87) Indeno(1,2,3-cd)pyrene	16.845	276	486426	40.434	ng	100
88) Benzo(b)fluoranthene	14.986	252	554861	42.443	ng	100
89) Benzo(k)fluoranthene	15.009	252	478576	42.871	ng	99
90) Benzo(a)pyrene	15.345	252	488232	46.154	ng	98
91) Dibenzo(a,h)anthracene	16.856	278	390734	40.084	ng	99
92) Benzo(g,h,i)perylene	17.280	276	364330	35.716	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF141651.D
 Acq: 14 Feb 2025 20:26

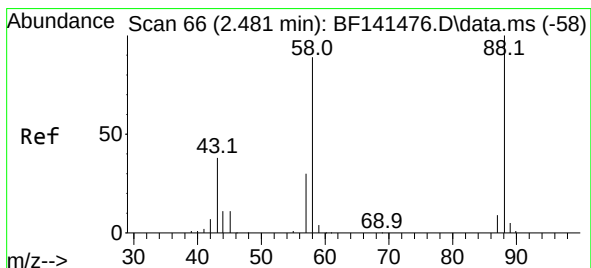
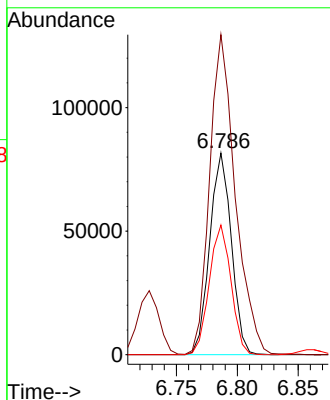
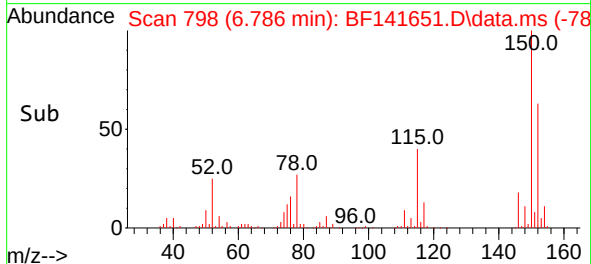
Instrument :
 BNA_F
 ClientSampleId :
 348MSD



Tgt Ion:152 Resp: 10098
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.0 187.4
 115 64.3 53.6 80.4

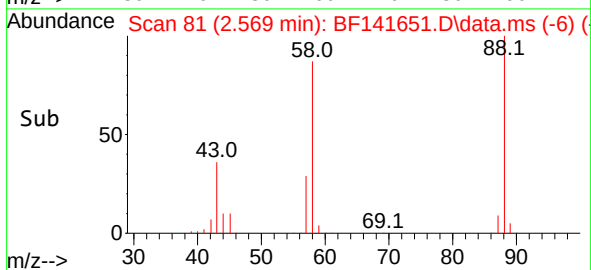
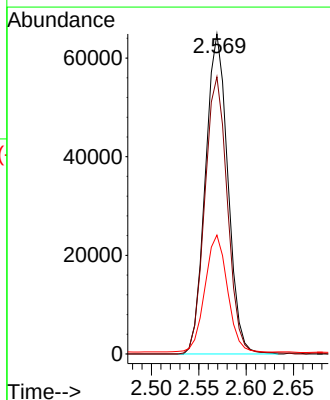
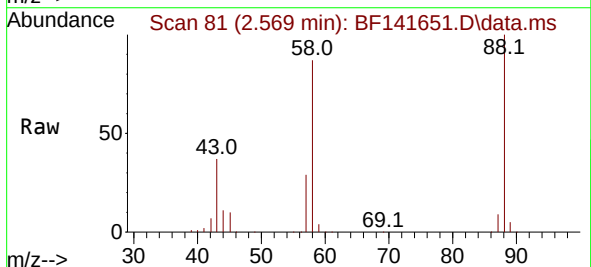
Manual Integrations
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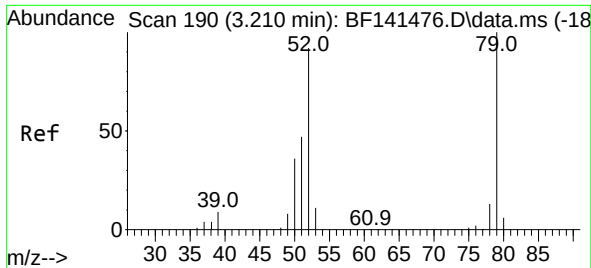
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#2
 1,4-Dioxane
 Concen: 41.171 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.088 min
 Lab File: BF141651.D
 Acq: 14 Feb 2025 20:26

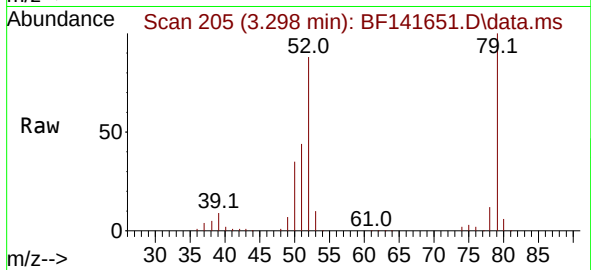
Tgt Ion: 88 Resp: 106735
 Ion Ratio Lower Upper
 88 100
 58 87.5 71.1 106.7
 43 36.6 30.6 46.0





#3
Pyridine
Concen: 39.058 ng
RT: 3.298 min Scan# 205
Delta R.T. 0.082 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

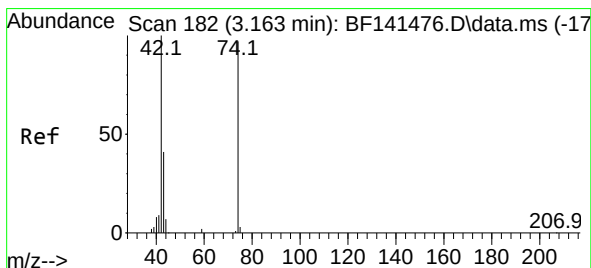
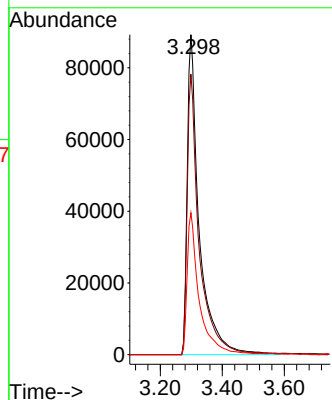
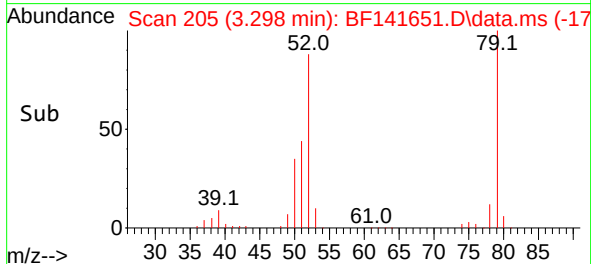
Instrument :
BNA_F
ClientSampleId :
348MSD



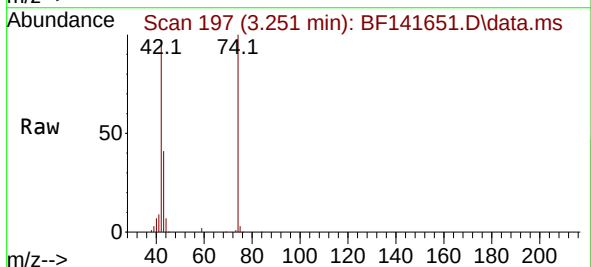
Tgt Ion: 79 Resp: 240952
Ion Ratio Lower Upper
79 100
52 87.6 73.7 110.5
51 44.4 37.5 56.3

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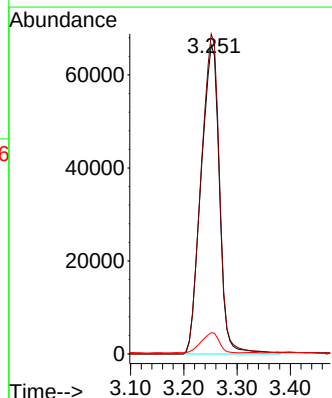
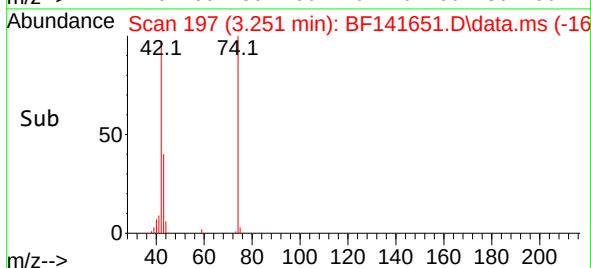
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

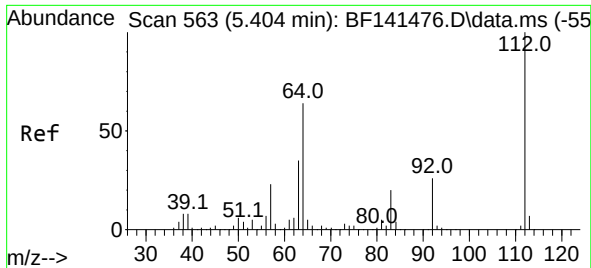


#4
n-Nitrosodimethylamine
Concen: 39.101 ng
RT: 3.251 min Scan# 197
Delta R.T. 0.065 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



Tgt Ion: 42 Resp: 159721
Ion Ratio Lower Upper
42 100
74 103.6 78.0 117.0
44 6.9 5.4 8.2





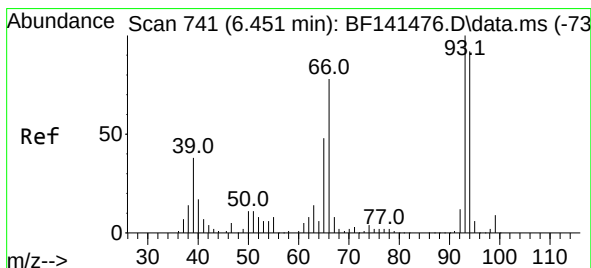
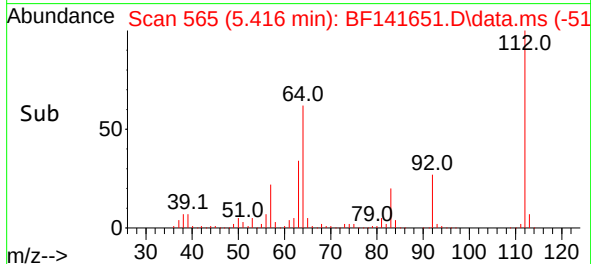
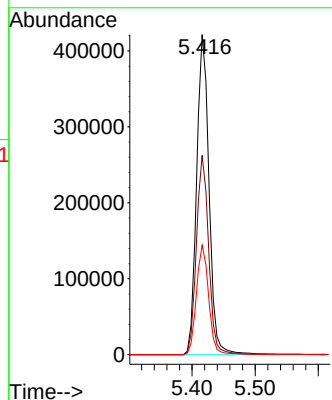
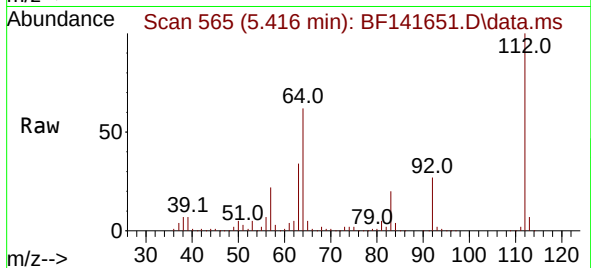
#5
2-Fluorophenol
Concen: 89.277 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
348MSD

Tgt Ion:112 Resp: 575058
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 34.3 28.4 42.6

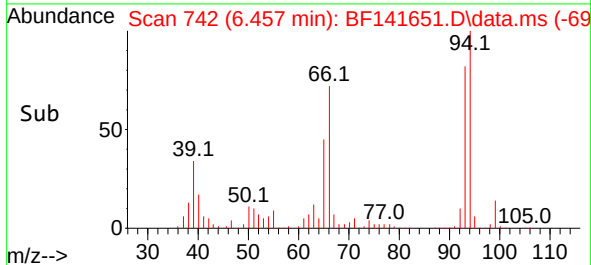
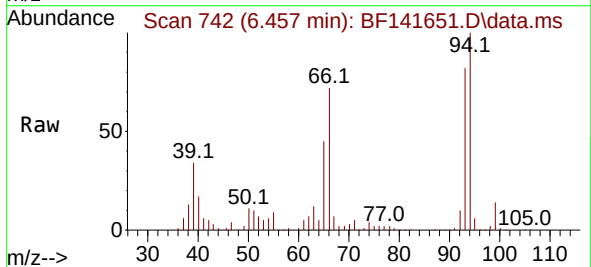
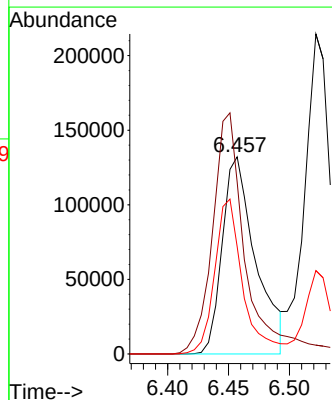
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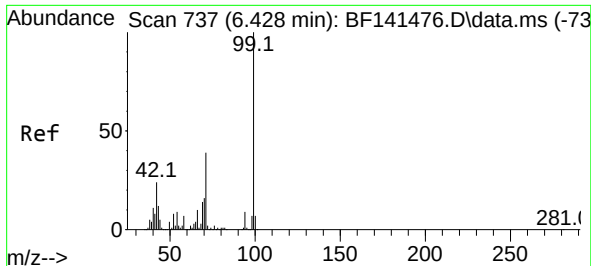
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#6
Aniline
Concen: 32.872 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

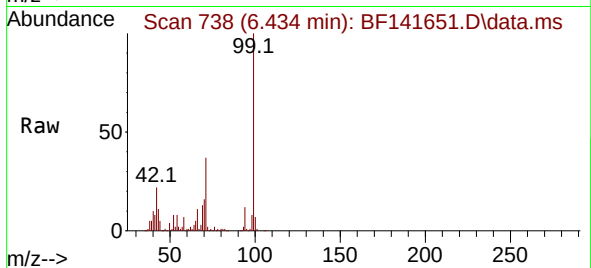
Tgt Ion: 93 Resp: 251037
Ion Ratio Lower Upper
93 100
66 87.2 62.6 94.0
65 54.4 38.3 57.5





#7
Phenol-d6
Concen: 87.347 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

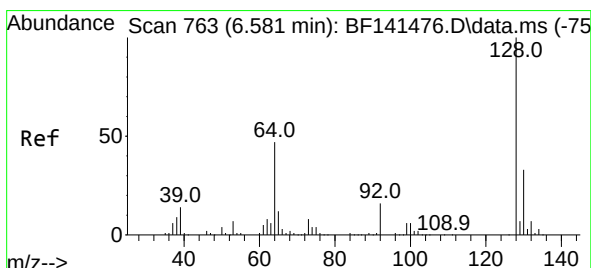
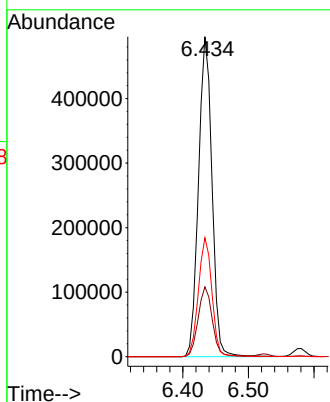
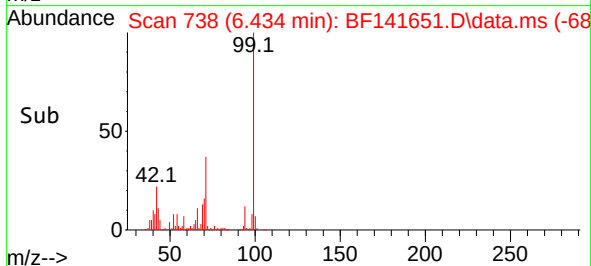
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion: 99 Resp: 71111
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 37.1 31.1 46.7

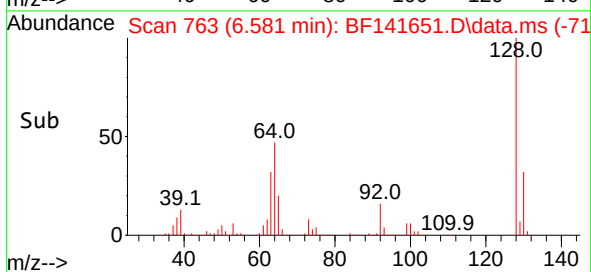
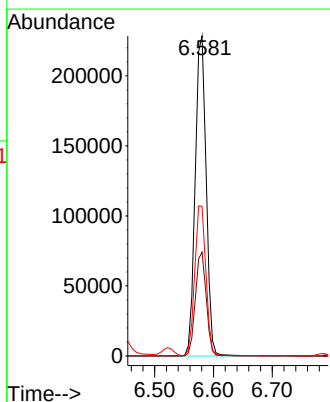
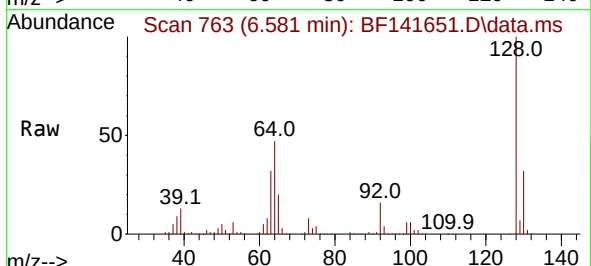
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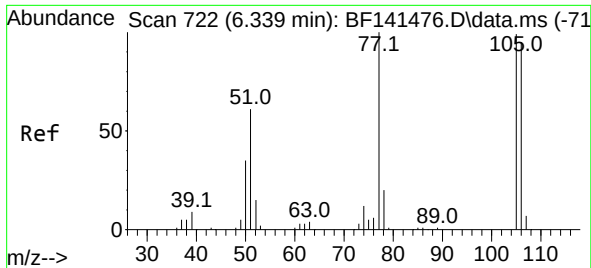
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#8
2-Chlorophenol
Concen: 42.673 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:128 Resp: 297009
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 46.8 28.3 68.3





#9

Benzaldehyde

Concen: 31.563 ng

RT: 6.339 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion: 77 Resp: 136549

Ion Ratio Lower Upper

77 100

105 104.3 79.4 119.4

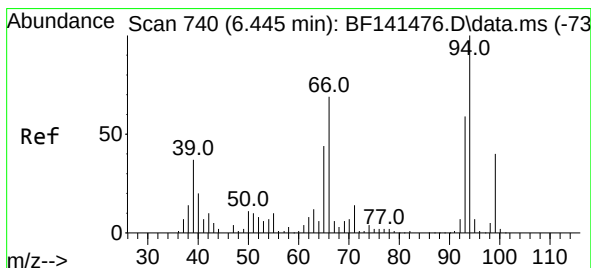
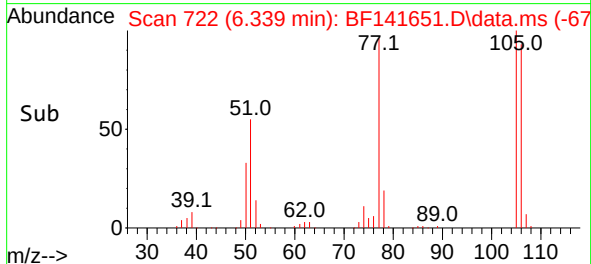
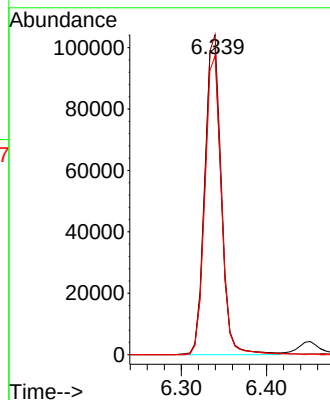
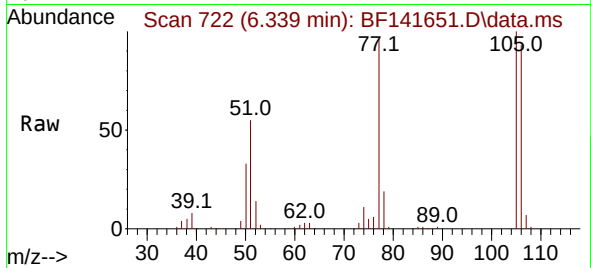
106 97.4 75.1 115.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#10

Phenol

Concen: 43.037 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

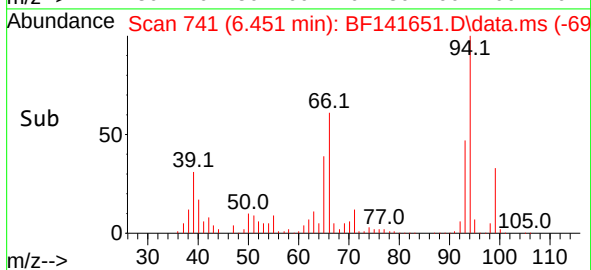
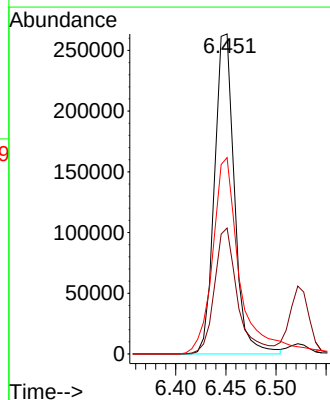
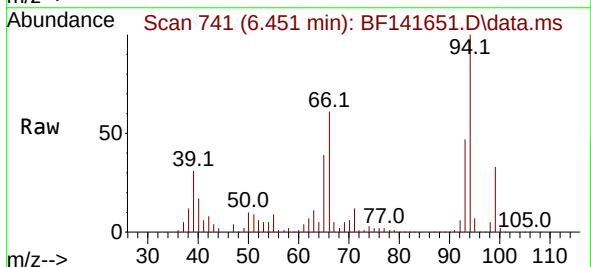
Tgt Ion: 94 Resp: 364673

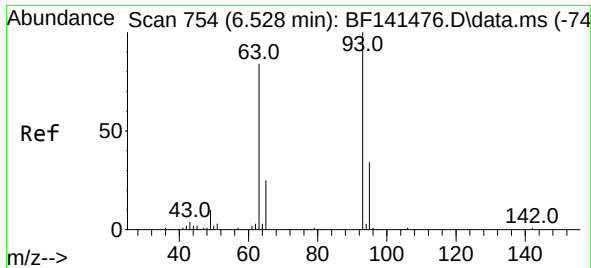
Ion Ratio Lower Upper

94 100

65 39.4 23.7 63.7

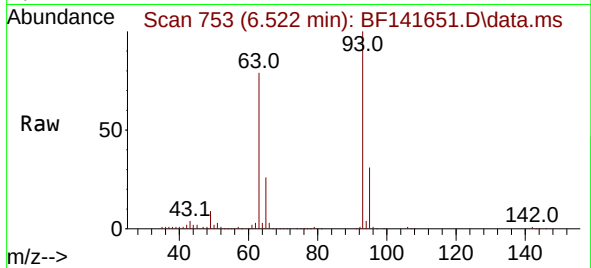
66 61.3 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 48.592 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

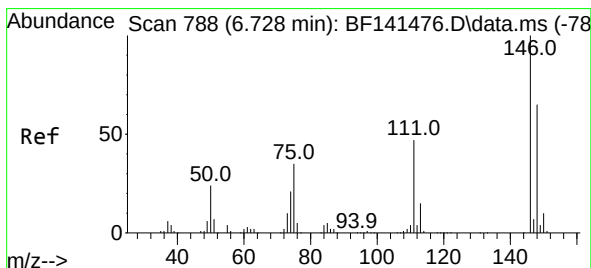
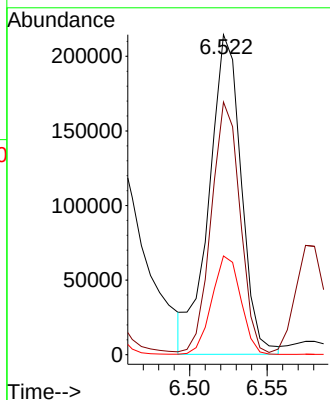
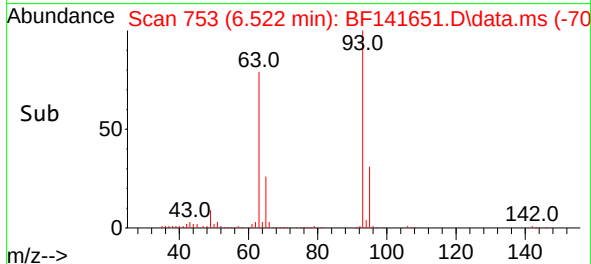
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion: 93 Resp: 30926
Ion Ratio Lower Upper
93 100
63 78.9 62.0 102.0
95 30.9 12.6 52.6

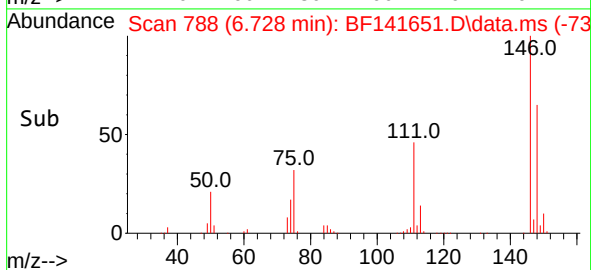
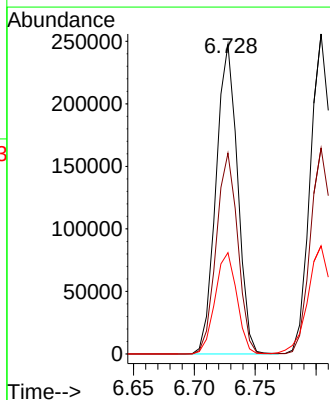
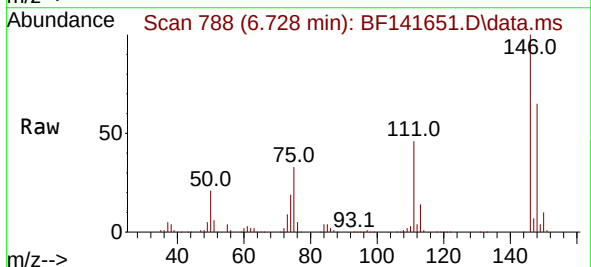
Manual Integrations
APPROVED

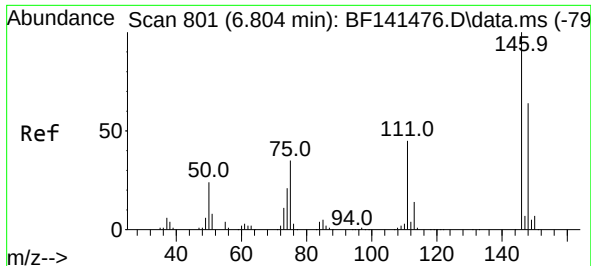
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#12
1,3-Dichlorobenzene
Concen: 41.614 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:146 Resp: 305774
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 32.7 28.2 42.2





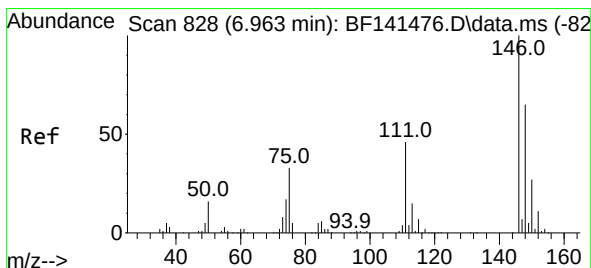
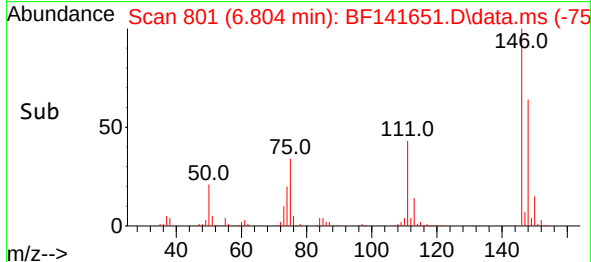
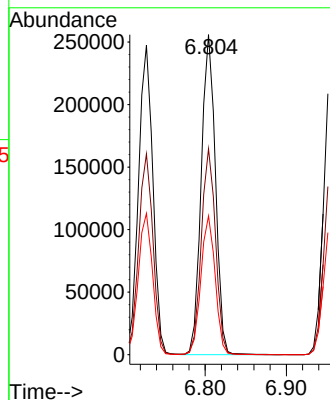
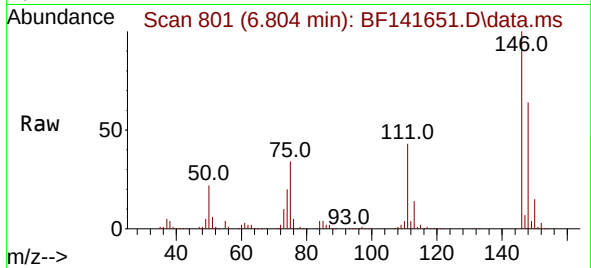
#13
1,4-Dichlorobenzene
Concen: 41.417 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
348MSD

Tgt Ion:146 Resp: 310938
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 43.4 35.9 53.9

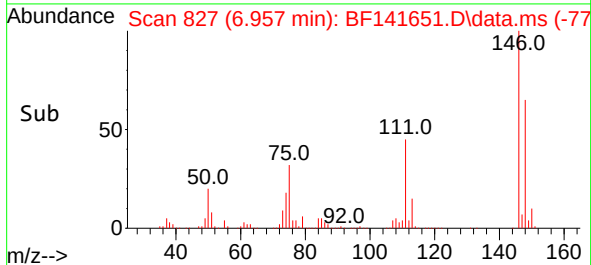
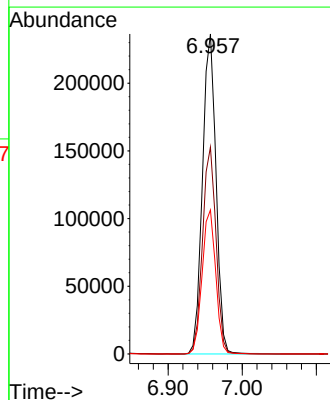
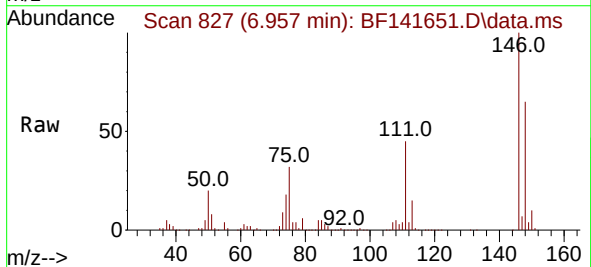
Manual Integrations
APPROVED

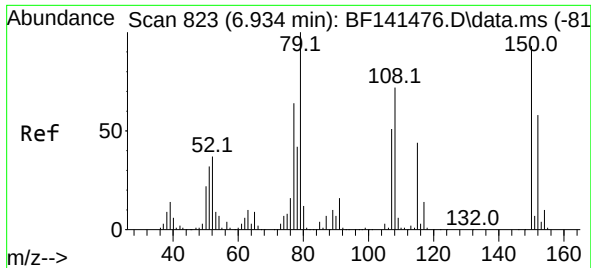
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#14
1,2-Dichlorobenzene
Concen: 43.041 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

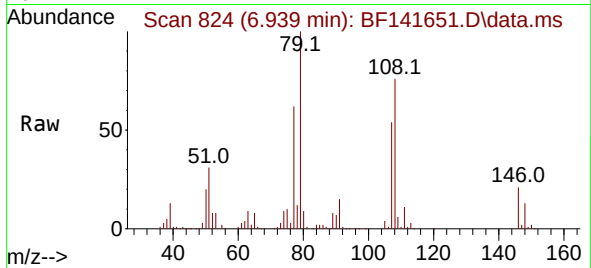
Tgt Ion:146 Resp: 299900
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 45.0 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.401 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

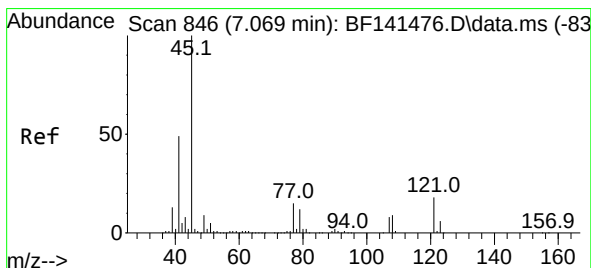
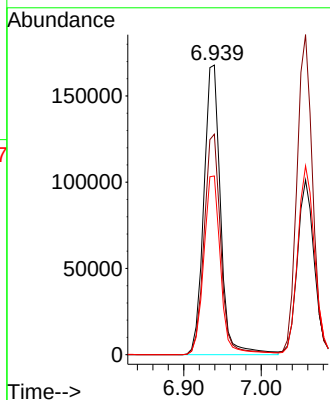
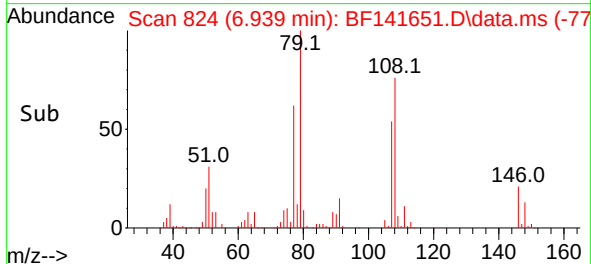
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion: 79 Resp: 252228
Ion Ratio Lower Upper
79 100
108 76.1 57.4 86.2
77 61.7 50.9 76.3

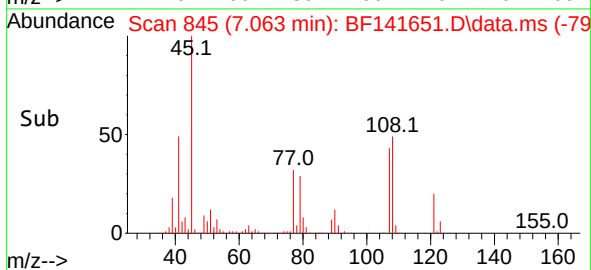
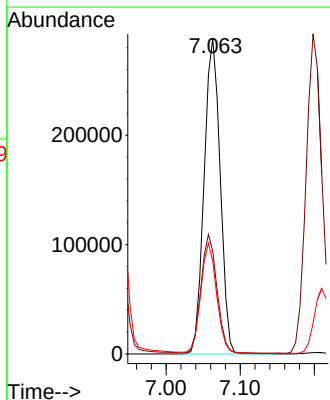
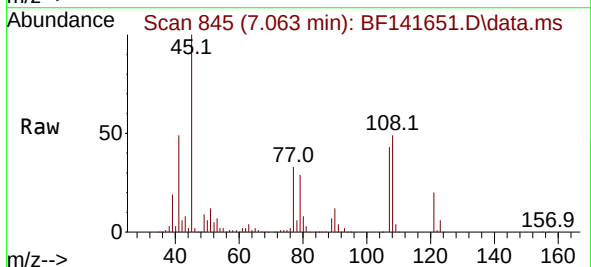
Manual Integrations
APPROVED

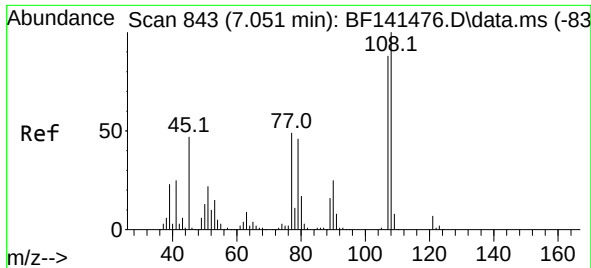
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.760 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

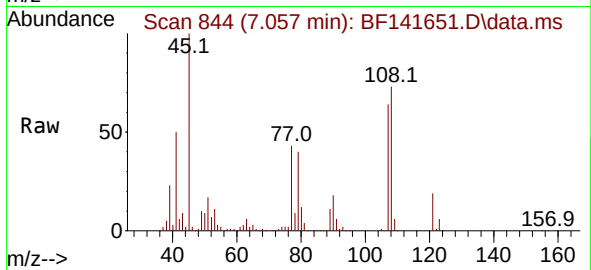
Tgt Ion: 45 Resp: 433182
Ion Ratio Lower Upper
45 100
77 32.6 0.0 35.8
79 29.3 0.0 32.7





#17
2-Methylphenol
Concen: 42.640 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

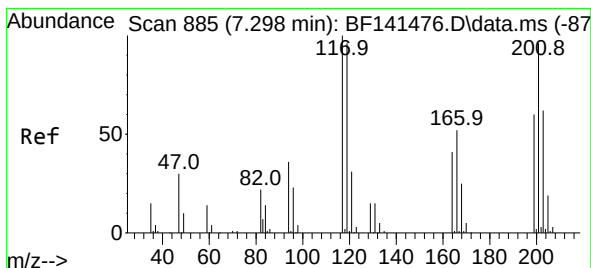
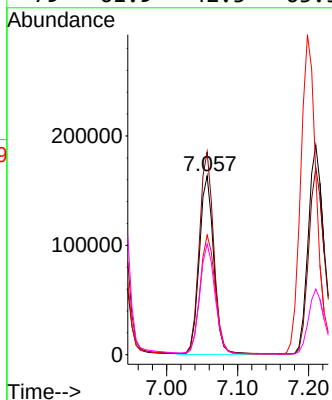
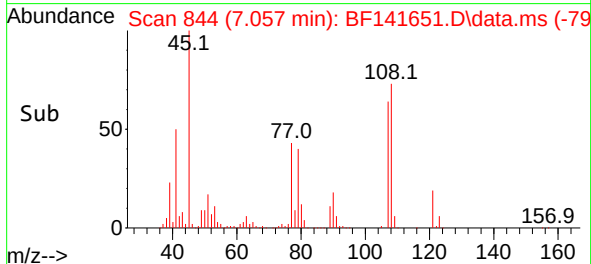
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:107 Resp: 232245
Ion Ratio Lower Upper
107 100
108 113.4 90.6 136.0
77 66.9 44.4 66.6
79 61.9 42.3 63.5

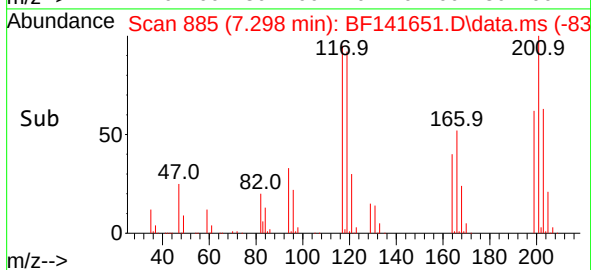
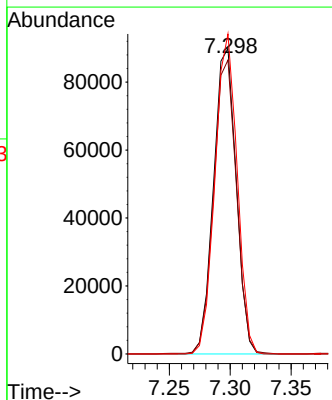
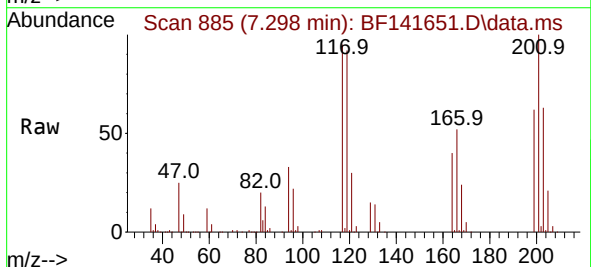
Manual Integrations
APPROVED

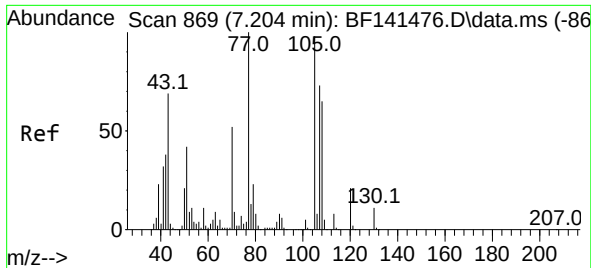
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#18
Hexachloroethane
Concen: 41.993 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

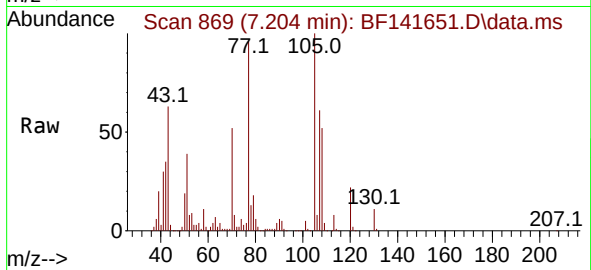
Tgt Ion:117 Resp: 116675
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 104.7 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.432 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

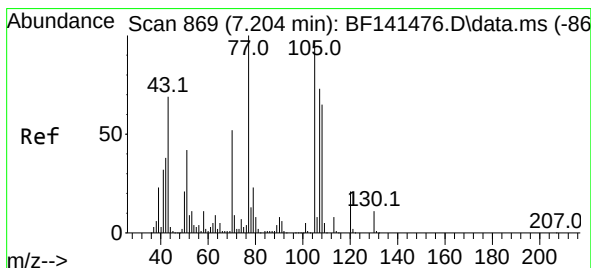
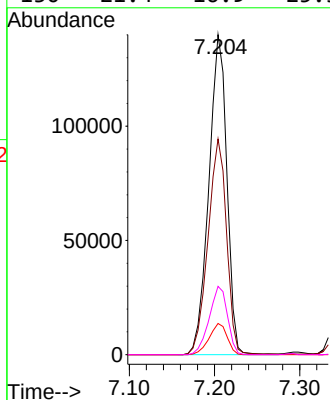
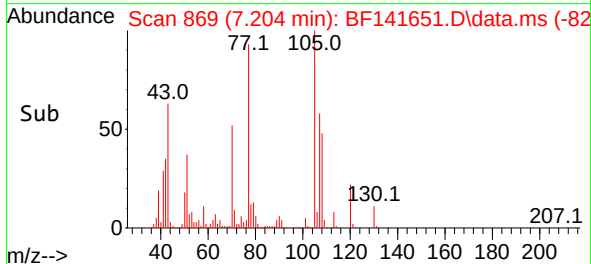
Instrument :
BNA_F
ClientSampleId :
348MSD



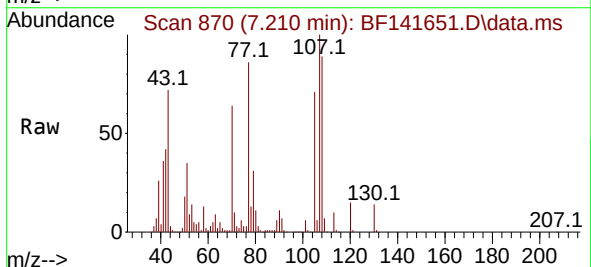
Tgt Ion: 70 Resp: 20663
Ion Ratio Lower Upper
70 100
42 67.4 57.4 86.2
101 9.7 8.0 12.0
130 21.4 16.9 25.3

Manual Integrations
APPROVED

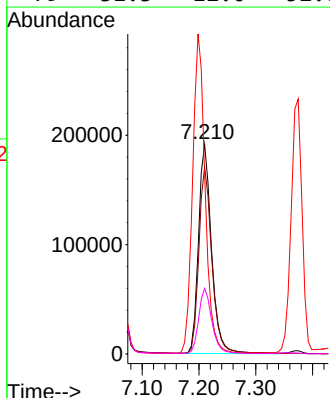
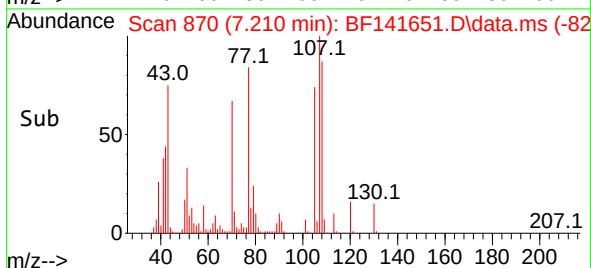
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

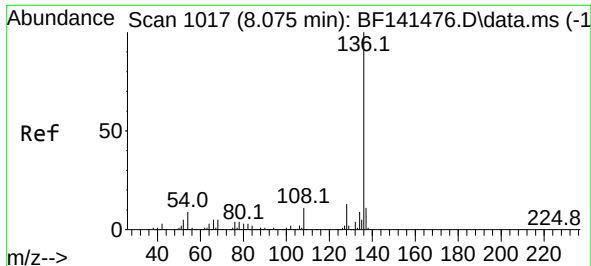


#20
3+4-Methylphenols
Concen: 44.322 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



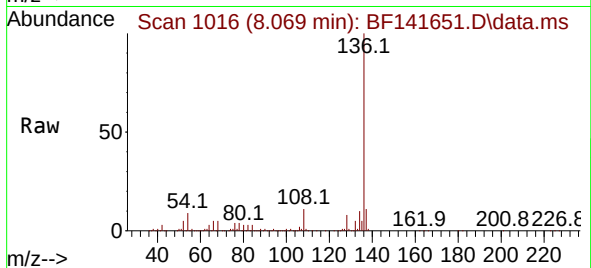
Tgt Ion:107 Resp: 306791
Ion Ratio Lower Upper
107 100
108 89.2 68.5 108.5
77 86.2 116.5 156.5#
79 31.3 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

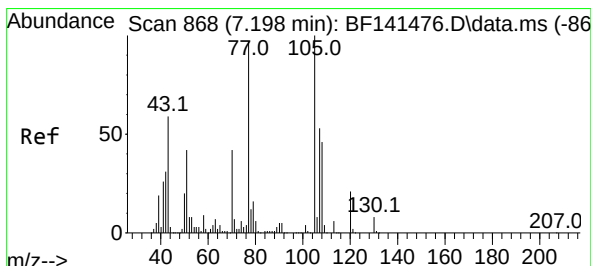
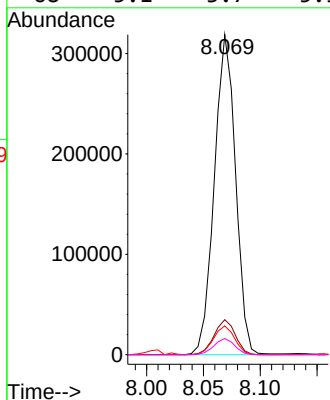
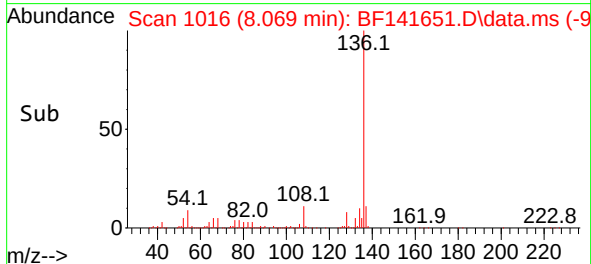
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:136 Resp: 414680
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.2 10.8
68 5.1 3.7 5.5

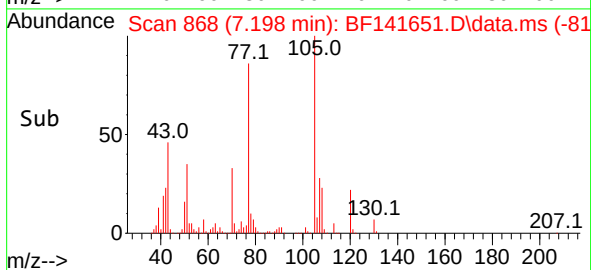
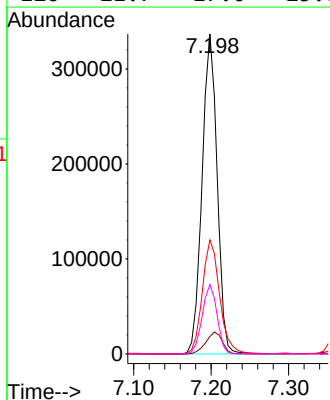
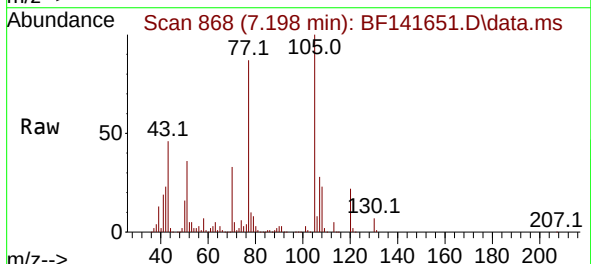
Manual Integrations
APPROVED

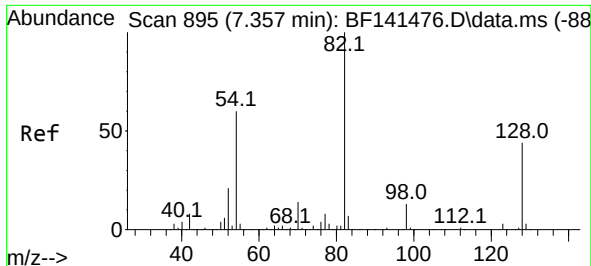
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#22
Acetophenone
Concen: 44.131 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:105 Resp: 455229
Ion Ratio Lower Upper
105 100
71 5.4 5.7 8.5#
51 35.7 33.7 50.5
120 21.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 58.194 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

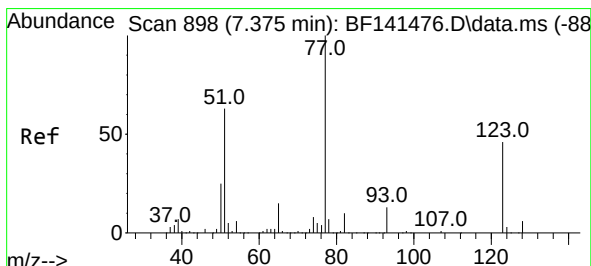
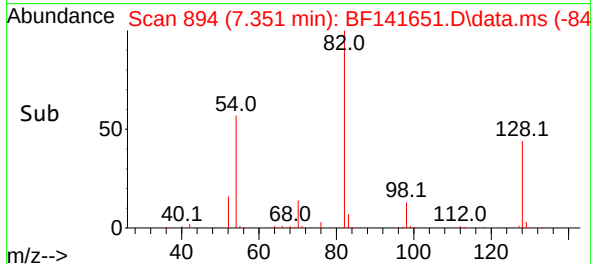
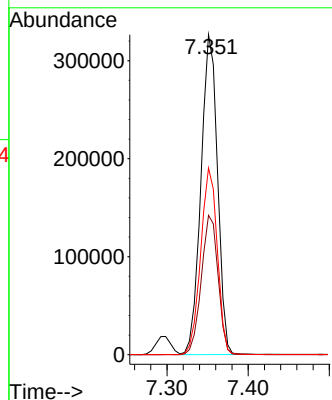
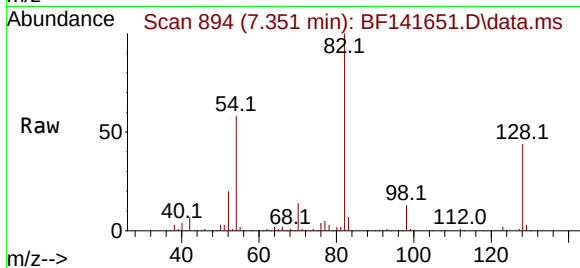
348MSD

Tgt Ion: 82 Resp: 462670
Ion Ratio Lower Upper
82 100
128 43.6 34.8 52.2
54 58.4 48.2 72.4

Manual Integrations

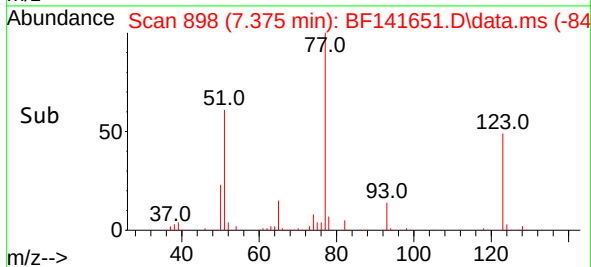
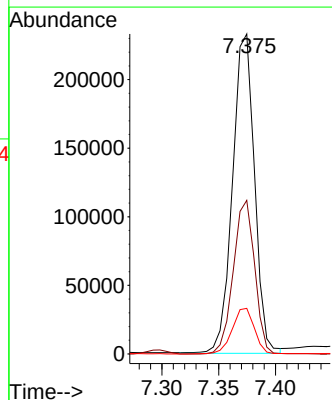
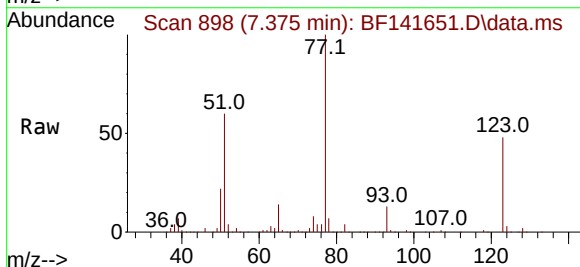
APPROVED

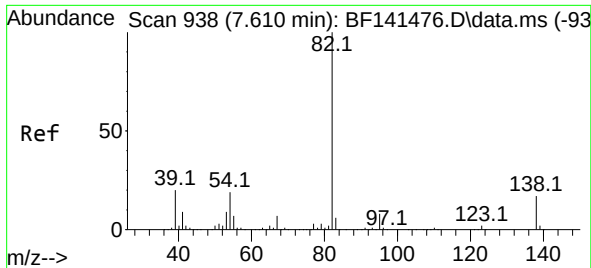
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#24
Nitrobenzene
Concen: 40.412 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

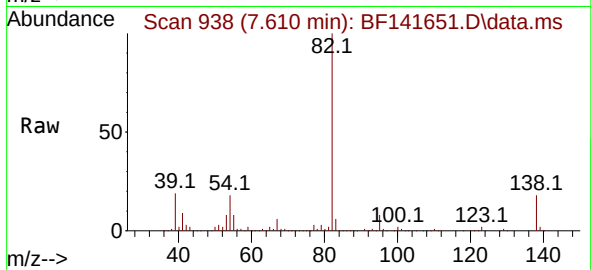
Tgt Ion: 77 Resp: 313299
Ion Ratio Lower Upper
77 100
123 48.0 36.9 55.3
65 14.2 11.9 17.9





#25
Isophorone
Concen: 43.896 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

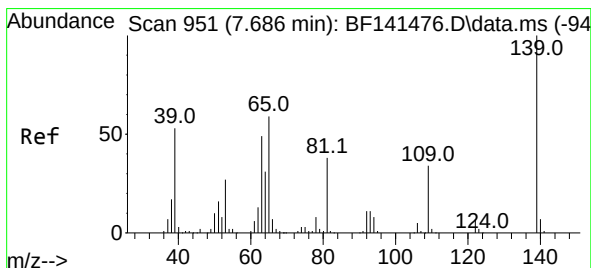
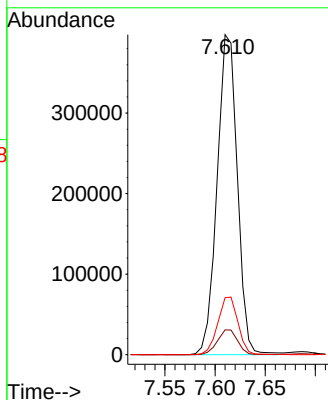
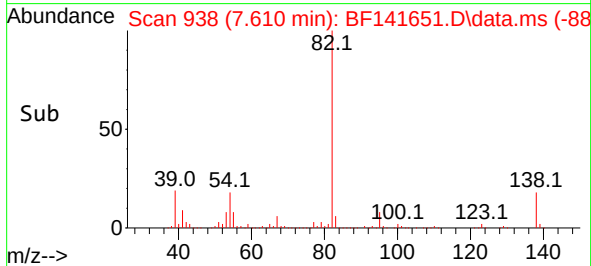
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion: 82 Resp: 556454
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.8 13.9 20.9

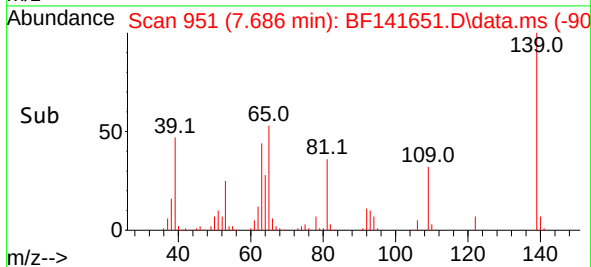
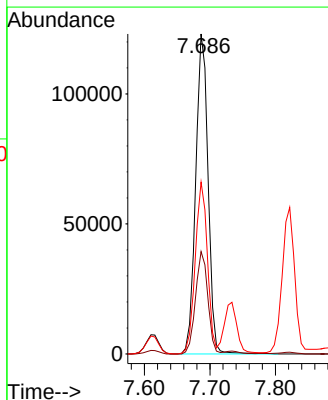
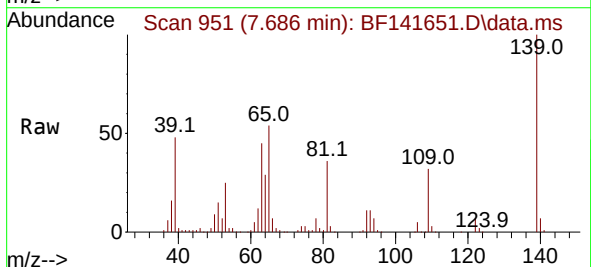
Manual Integrations
APPROVED

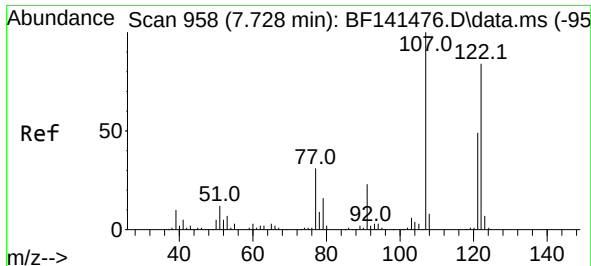
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#26
2-Nitrophenol
Concen: 41.990 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:139 Resp: 161960
Ion Ratio Lower Upper
139 100
109 32.0 27.0 40.6
65 53.7 47.1 70.7





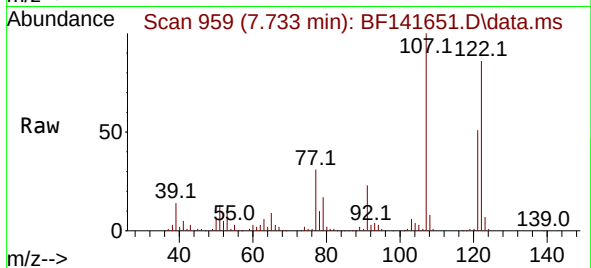
#27
2,4-Dimethylphenol
Concen: 52.911 ng
RT: 7.733 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

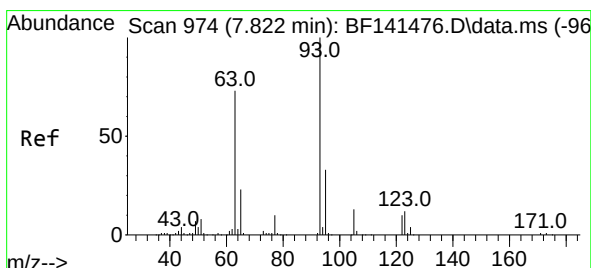
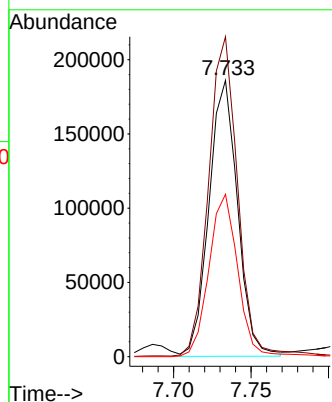
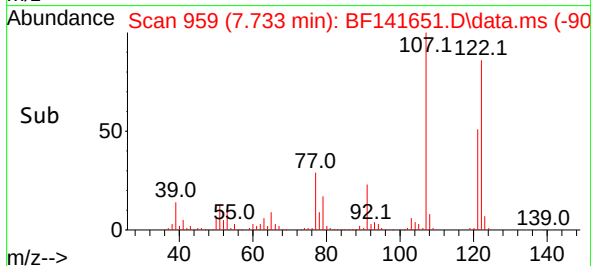


Tgt Ion:122 Resp: 238414
Ion Ratio Lower Upper
122 100
107 115.8 94.3 141.5
121 58.7 46.0 69.0

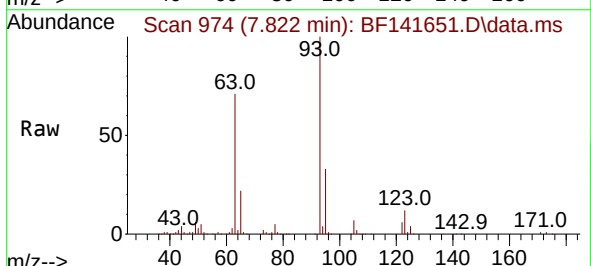
Manual Integrations

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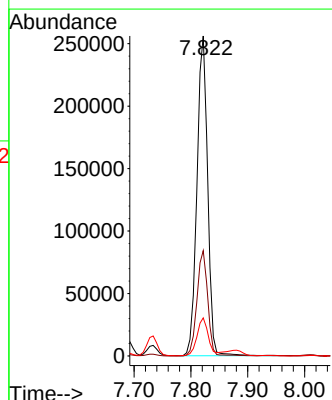
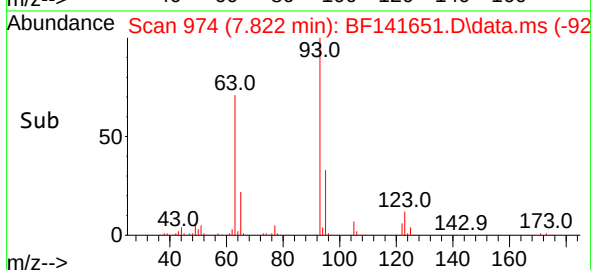
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

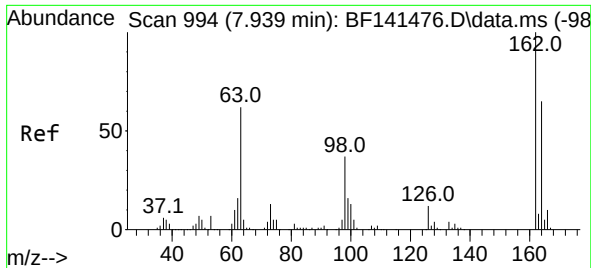


#28
bis(2-Chloroethoxy)methane
Concen: 41.474 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



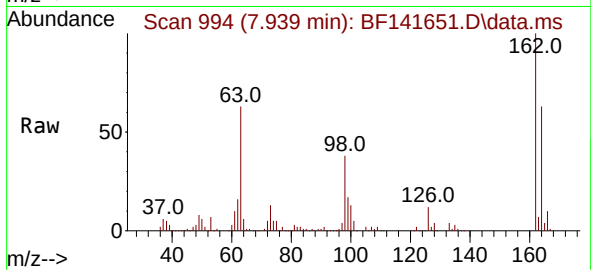
Tgt Ion: 93 Resp: 336890
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.9 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 41.890 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

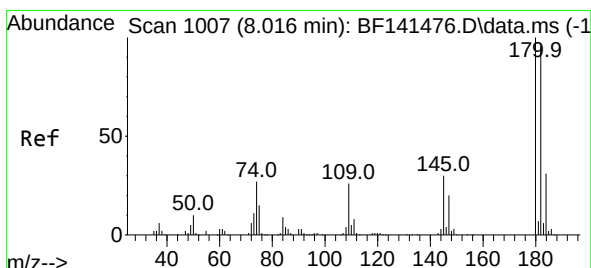
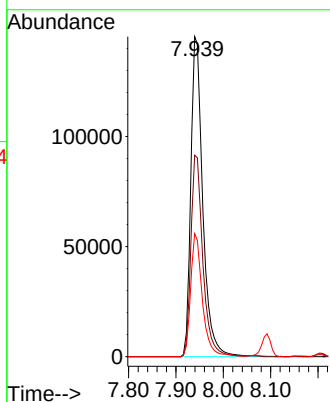
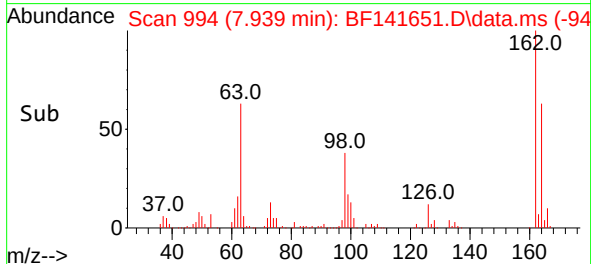
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:162 Resp: 25503
Ion Ratio Lower Upper
162 100
164 62.9 44.6 84.6
98 38.5 17.2 57.2

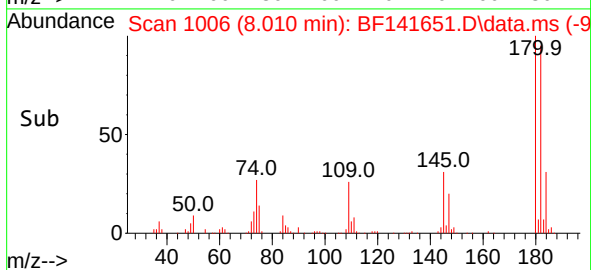
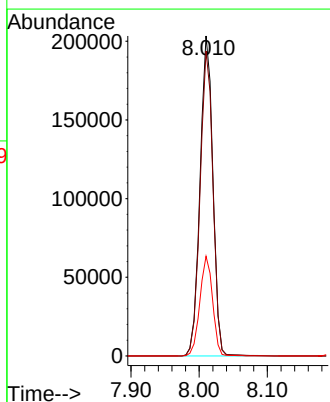
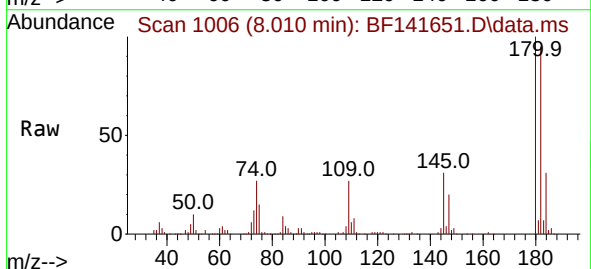
Manual Integrations
APPROVED

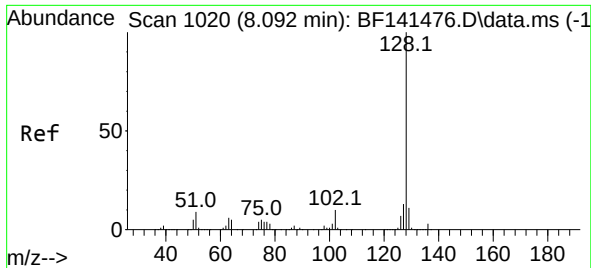
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.190 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

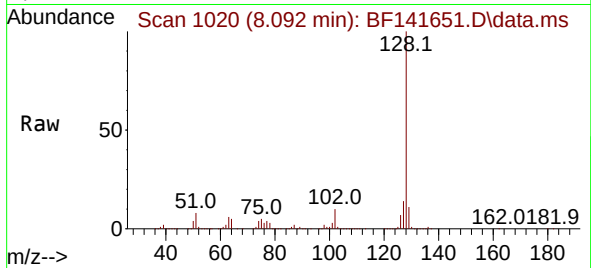
Tgt Ion:180 Resp: 266452
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 31.1 24.2 36.4





#31
Naphthalene
Concen: 39.446 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

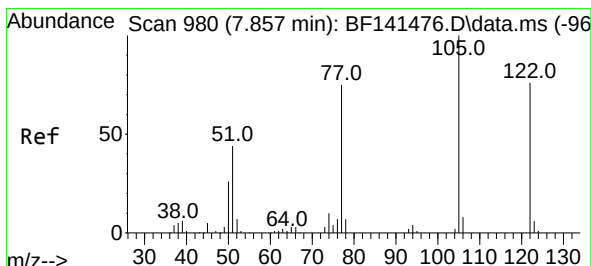
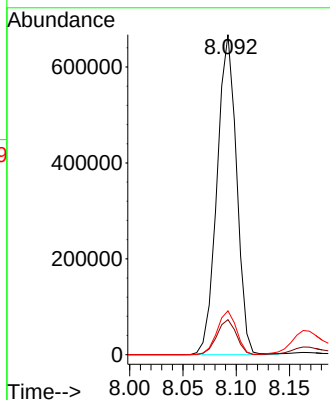
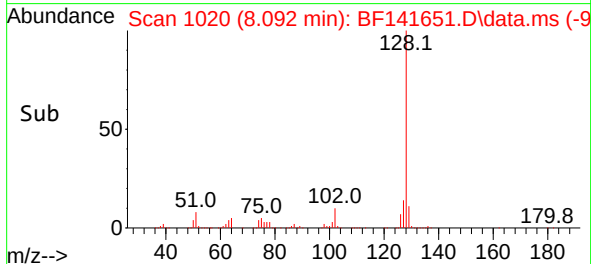
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:128 Resp: 851464
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.7 10.7 16.1

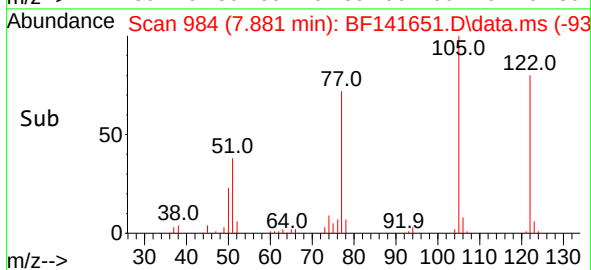
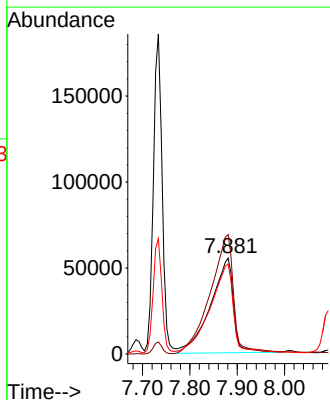
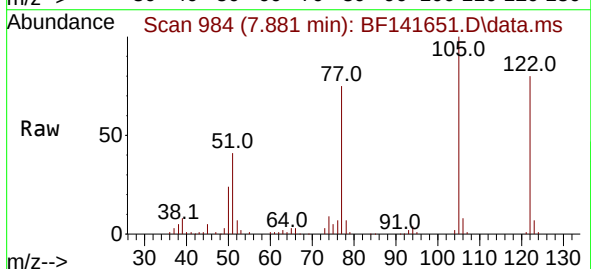
Manual Integrations
APPROVED

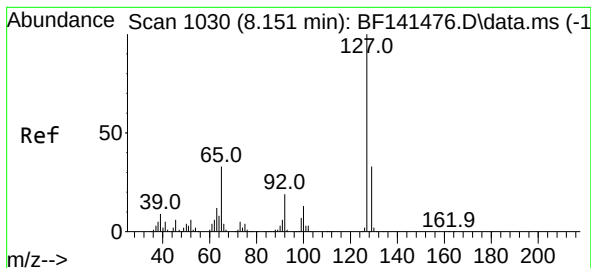
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#32
Benzoic acid
Concen: 39.757 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:122 Resp: 186076
Ion Ratio Lower Upper
122 100
105 124.8 106.5 146.5
77 94.1 76.3 116.3





#33

4-Chloroaniline

Concen: 19.630 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

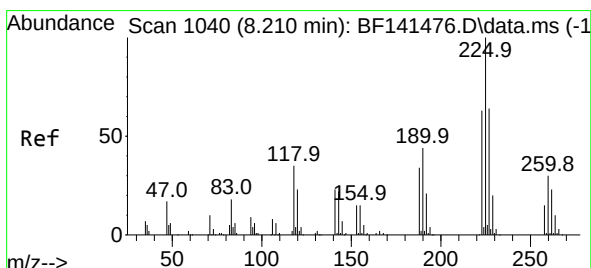
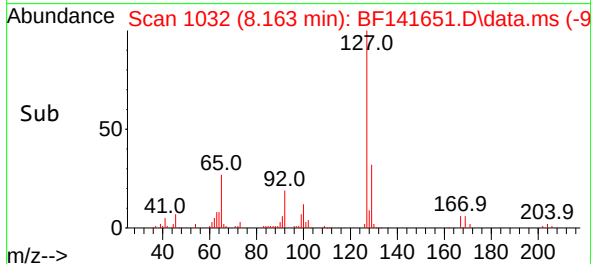
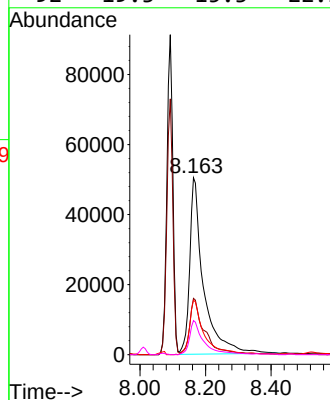
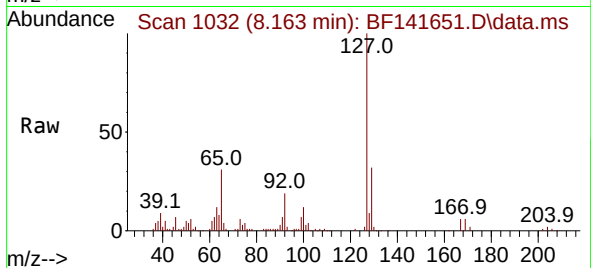
Tgt Ion:	127	Resp:	14793
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.5	39.7
65	30.9	26.4	39.6
92	19.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#34

Hexachlorobutadiene

Concen: 40.900 ng

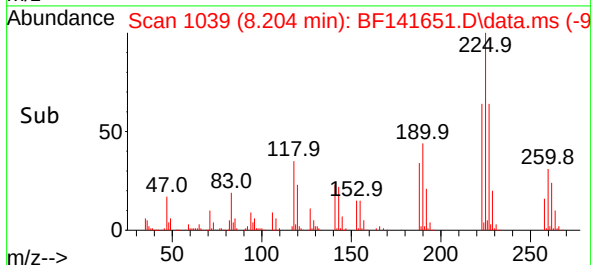
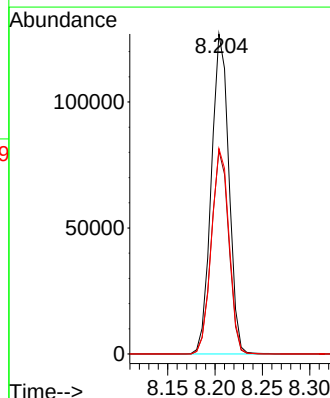
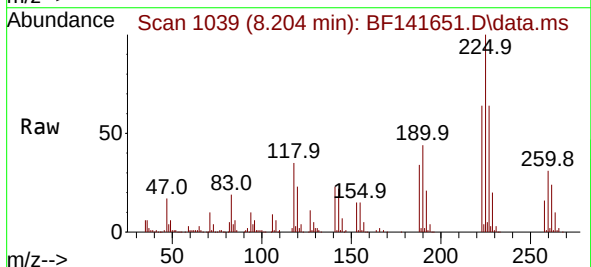
RT: 8.204 min Scan# 1039

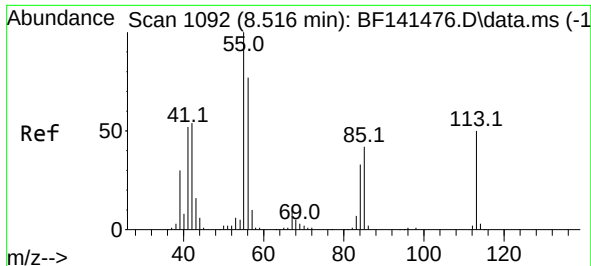
Delta R.T. -0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

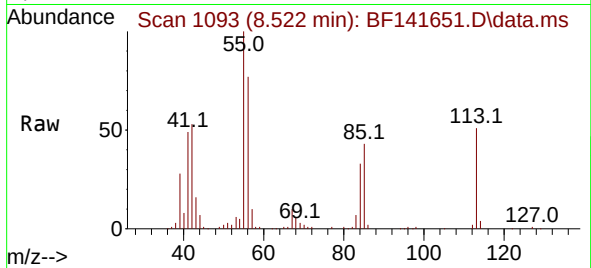
Tgt Ion:	225	Resp:	162786
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.1	75.1
227	64.2	51.0	76.6





#35
Caprolactam
Concen: 47.403 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

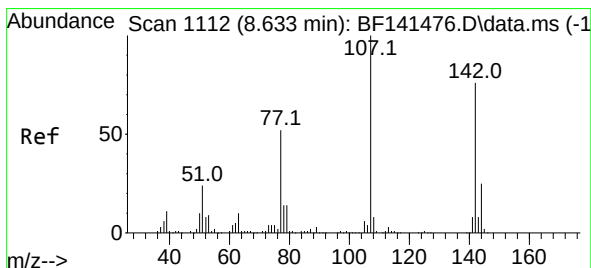
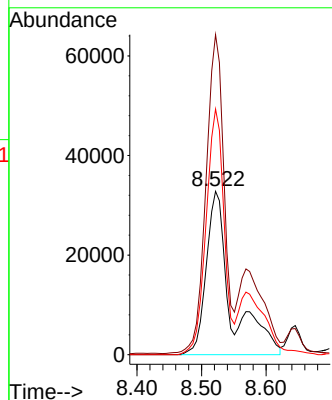
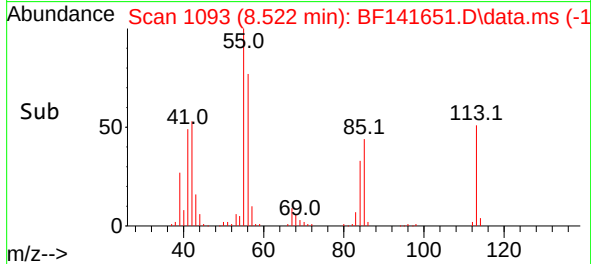
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:113 Resp: 87869
Ion Ratio Lower Upper
113 100
55 195.8 180.8 220.8
56 150.3 133.6 173.6

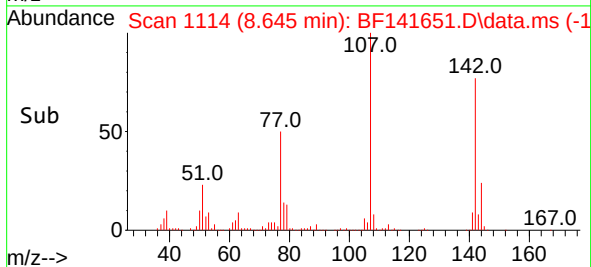
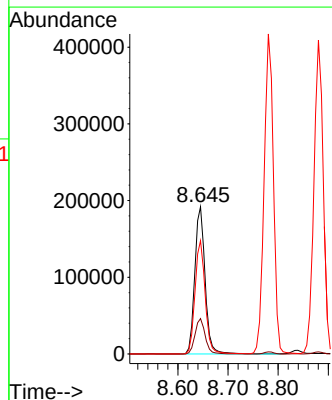
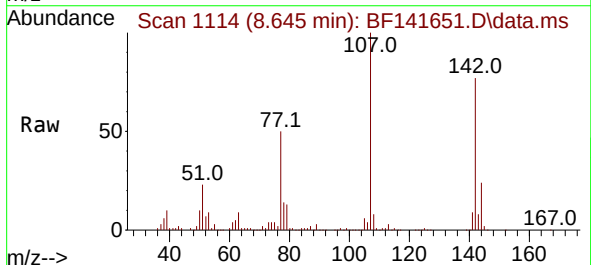
Manual Integrations
APPROVED

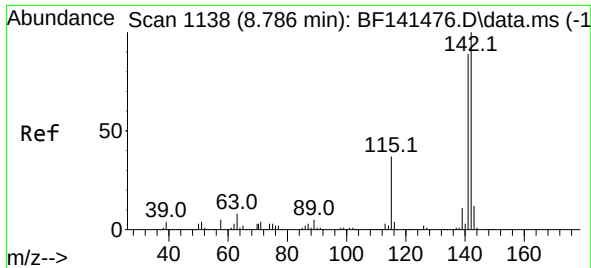
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#36
4-Chloro-3-methylphenol
Concen: 40.520 ng
RT: 8.645 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:107 Resp: 273260
Ion Ratio Lower Upper
107 100
144 24.0 19.7 29.5
142 76.9 60.8 91.2





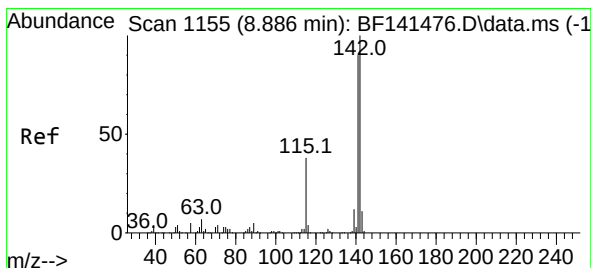
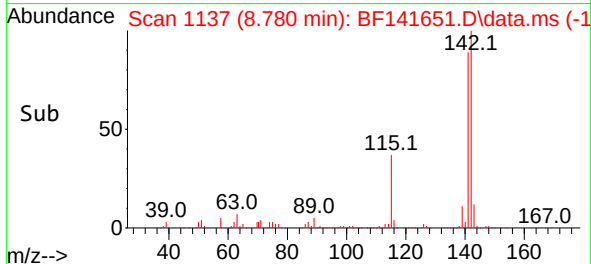
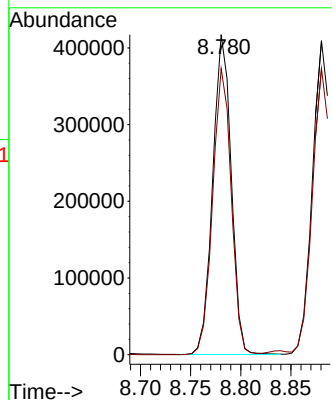
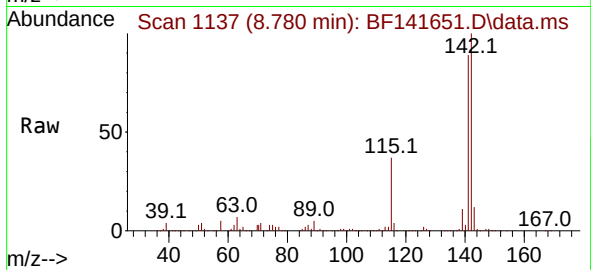
#37
2-Methylnaphthalene
Concen: 38.152 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
348MSD

Tgt Ion:142 Resp: 53590
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8

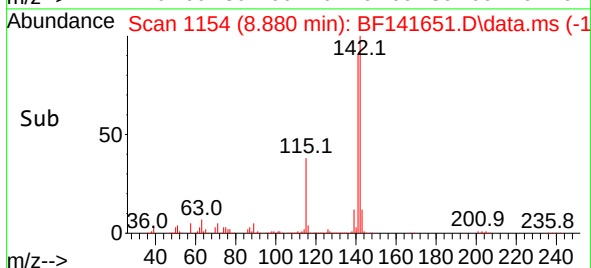
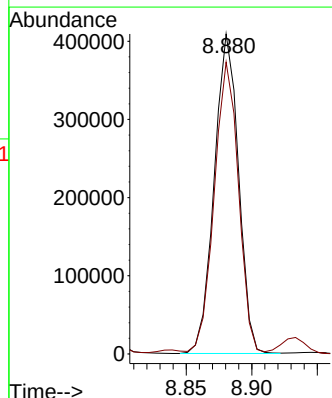
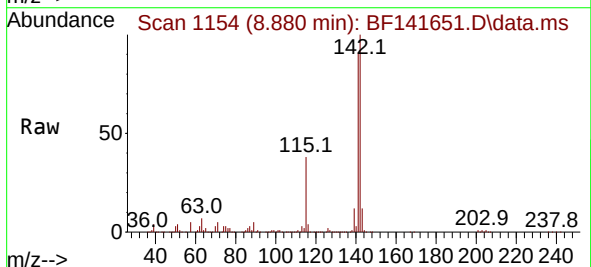
Manual Integrations
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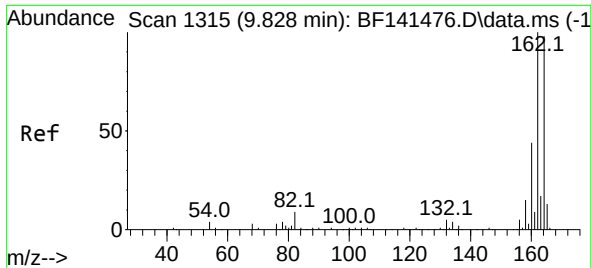
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#38
1-Methylnaphthalene
Concen: 38.633 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:142 Resp: 525584
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141651.D

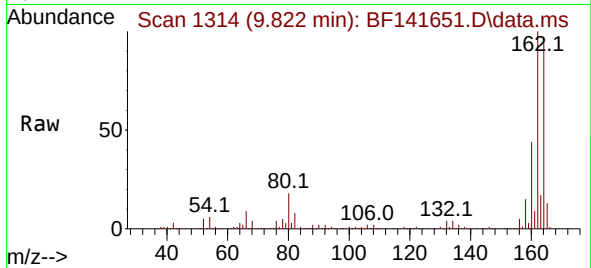
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD



Tgt Ion:164 Resp: 22088

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

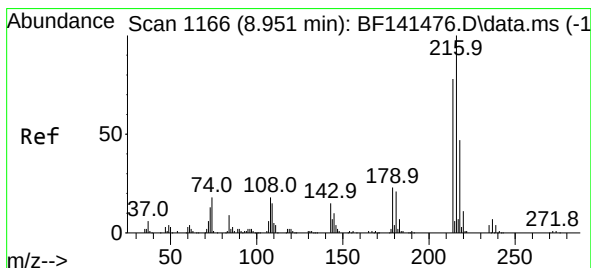
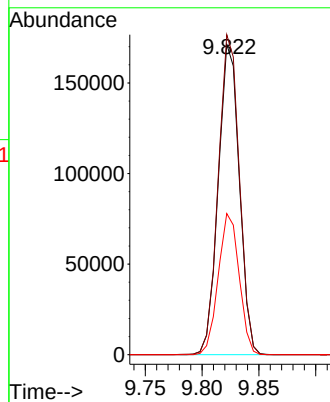
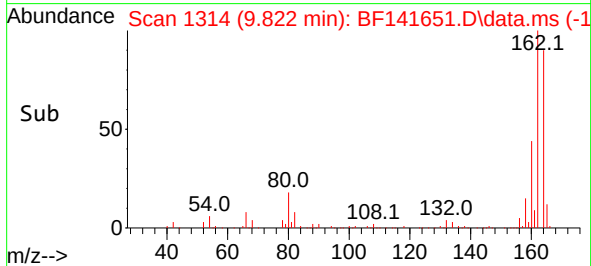
160 45.5 35.9 53.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.557 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:216 Resp: 291134

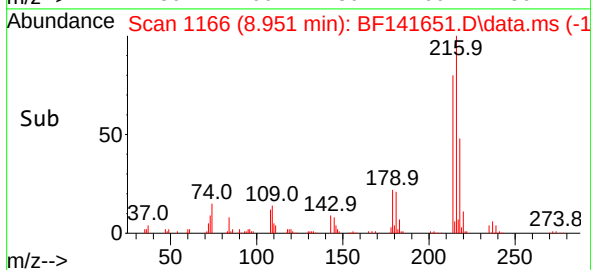
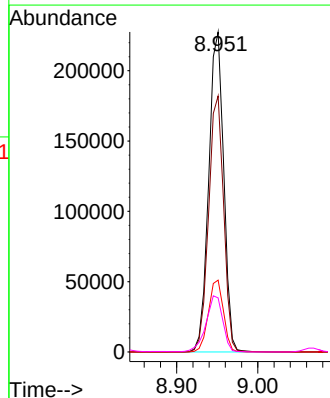
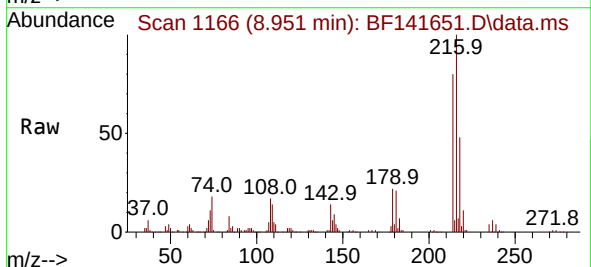
Ion Ratio Lower Upper

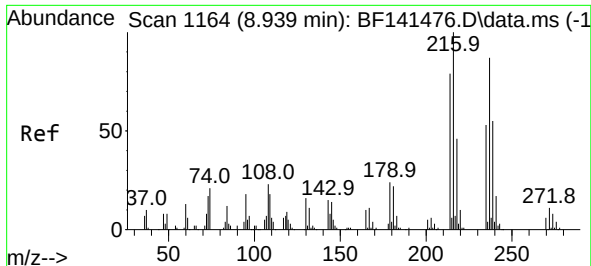
216 100

214 80.2 62.3 93.5

179 22.6 18.0 27.0

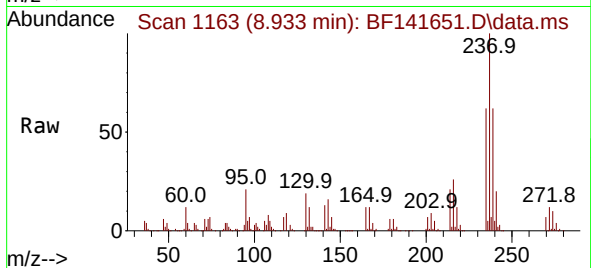
108 19.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 99.985 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

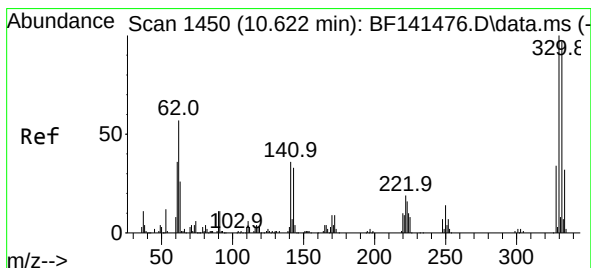
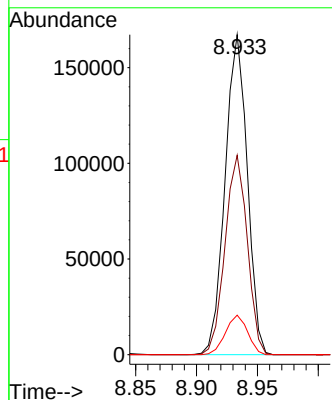
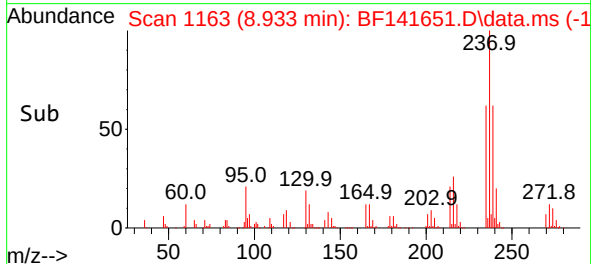
Instrument :
BNA_F
ClientSampleId :
348MSD



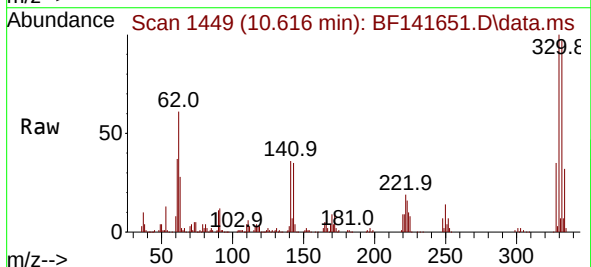
Tgt Ion: 237 Resp: 21252
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 12.3 0.0 32.4

Manual Integrations
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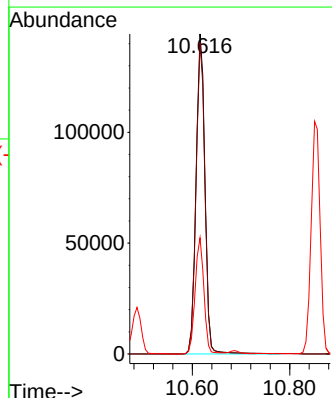
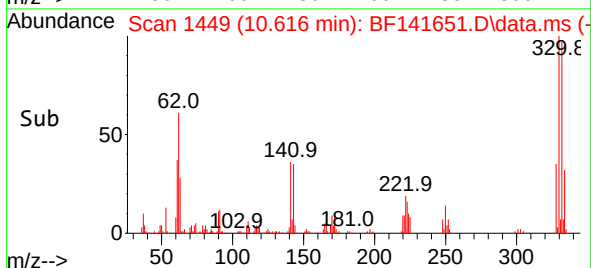
Reviewed By : Yogesh Patel 02/15/2025
Supervised By : Jagrut Upadhyay 02/19/2025

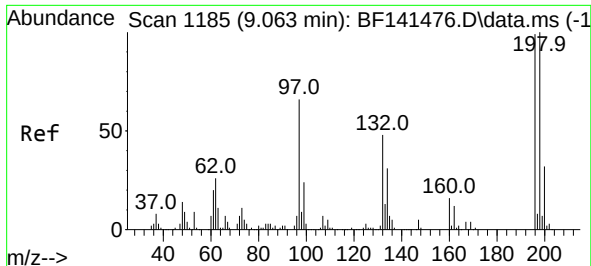


#42
2,4,6-Tribromophenol
Concen: 83.510 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



Tgt Ion: 330 Resp: 185303
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 35.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.737 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:196 Resp: 172380

Ion Ratio Lower Upper

196 100

198 101.9 80.6 121.0

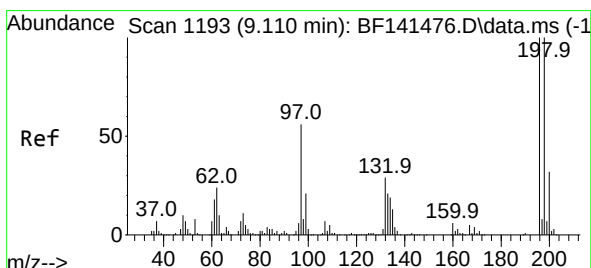
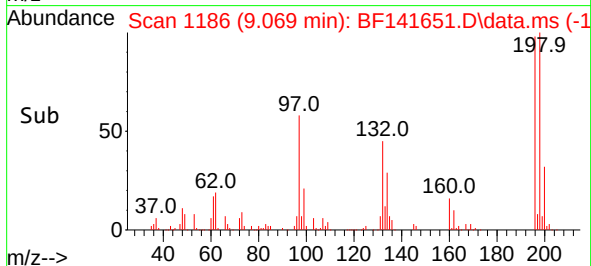
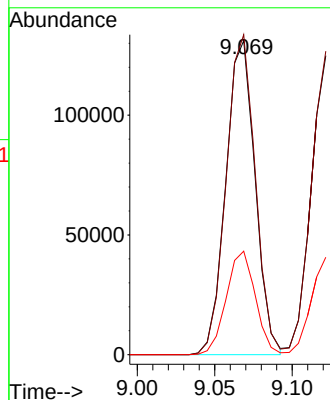
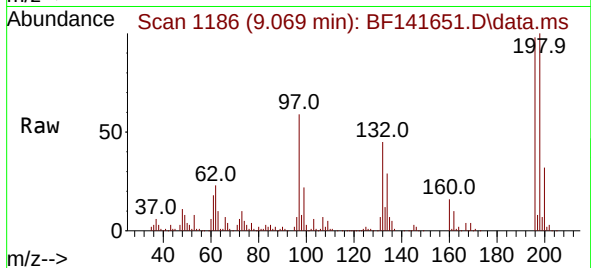
200 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#44

2,4,5-Trichlorophenol

Concen: 41.336 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:196 Resp: 185033

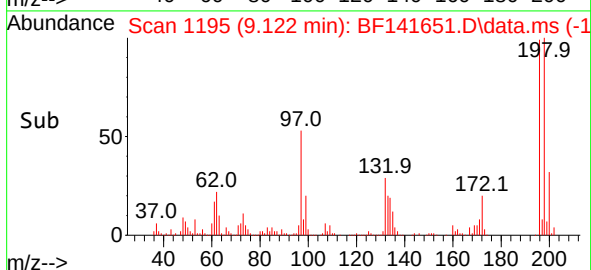
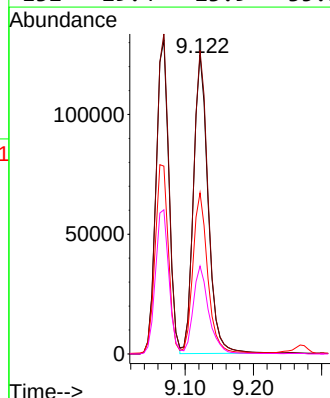
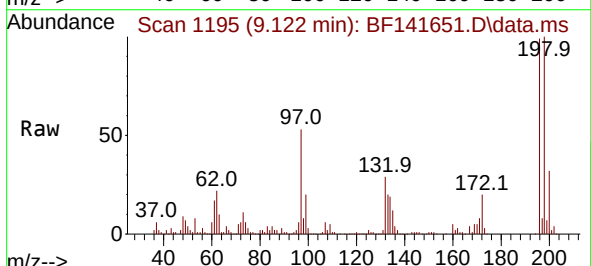
Ion Ratio Lower Upper

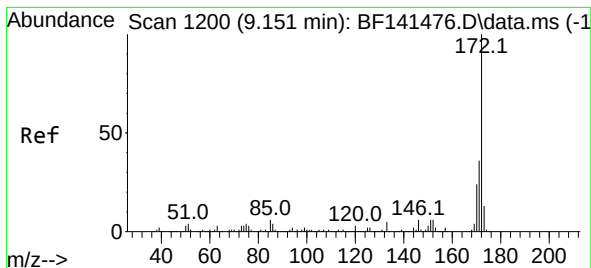
196 100

198 101.5 79.8 119.8

97 53.9 44.8 67.2

132 29.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 56.252 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:172 Resp: 806502

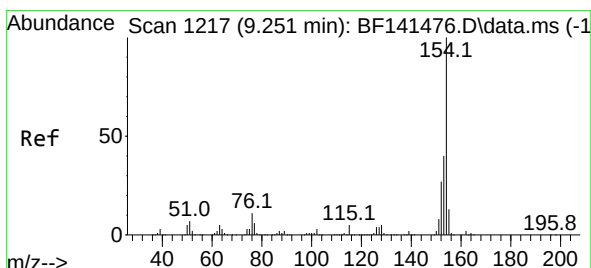
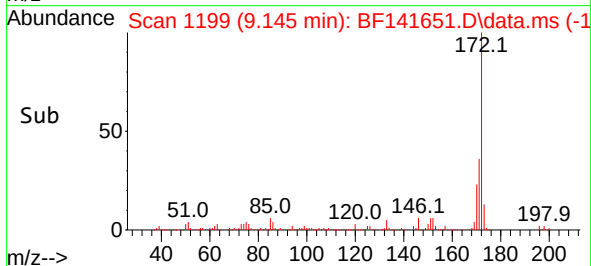
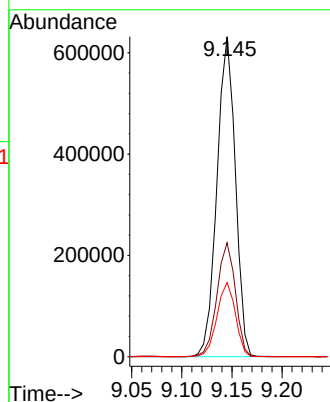
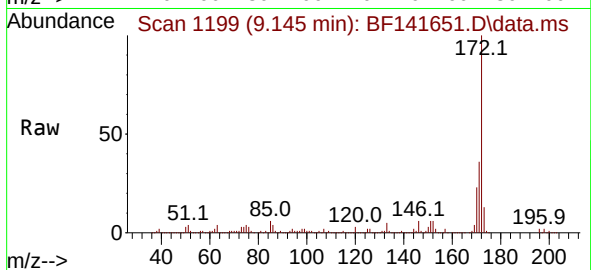
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.2	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#46

1,1'-Biphenyl

Concen: 45.052 ng

RT: 9.245 min Scan# 1216

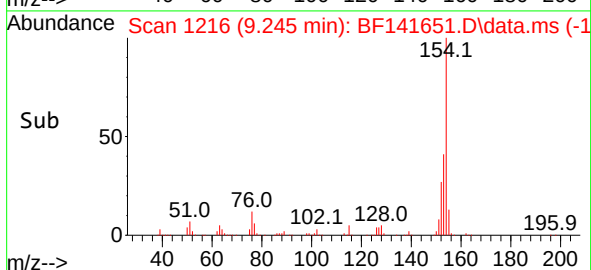
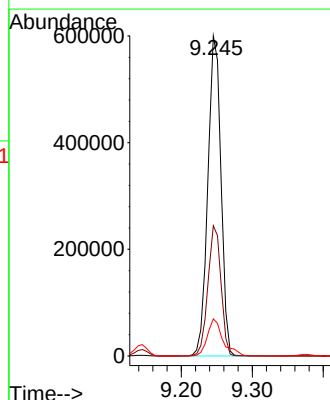
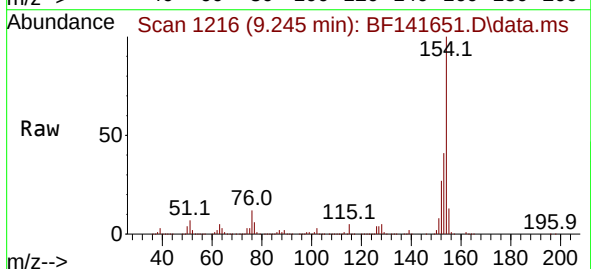
Delta R.T. -0.012 min

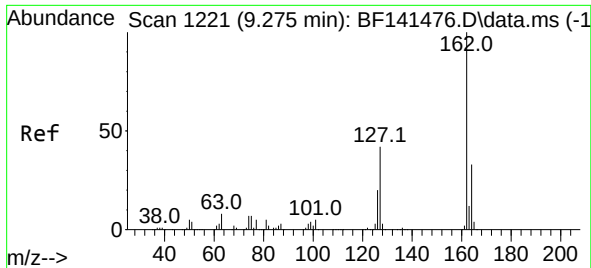
Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:154 Resp: 771511

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	11.6	0.0	30.8





#47
2-Chloronaphthalene
Concen: 41.421 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

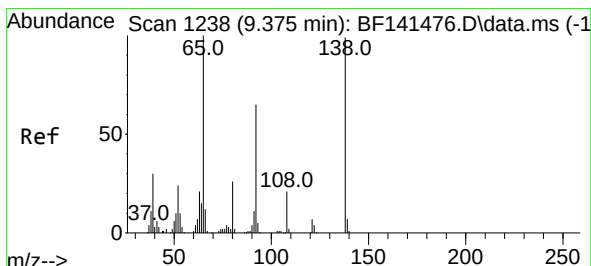
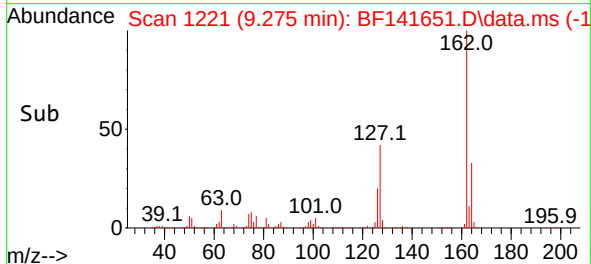
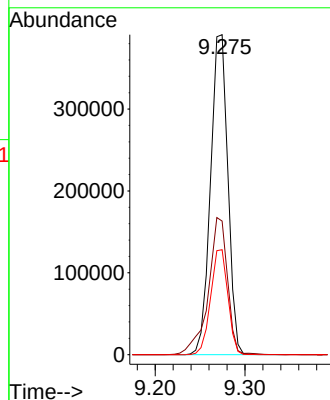
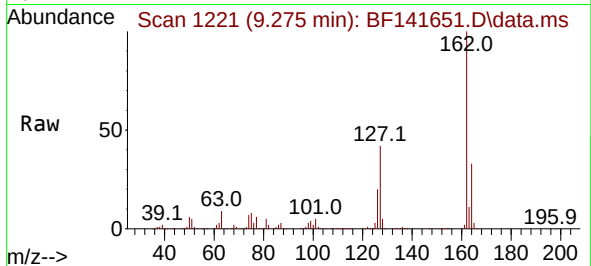
Tgt Ion:162 Resp: 52453
Ion Ratio Lower Upper
162 100
127 41.8 34.1 51.1
164 32.8 26.3 39.5

Manual Integrations

APPROVED

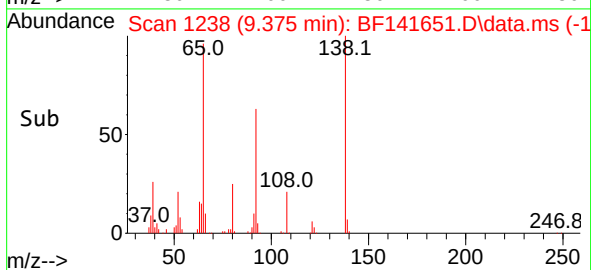
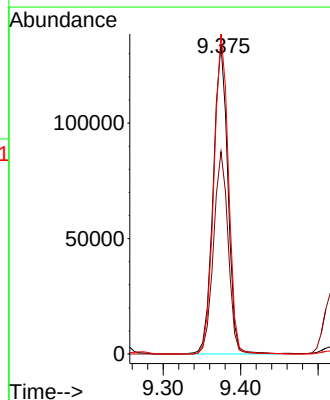
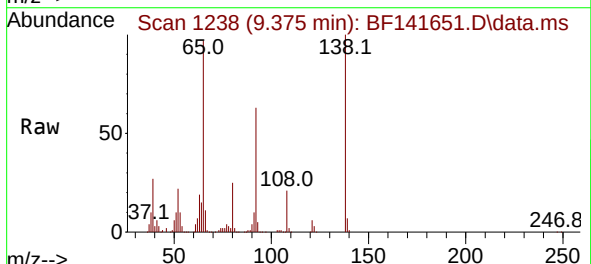
Reviewed By :Yogesh Patel 02/15/2025

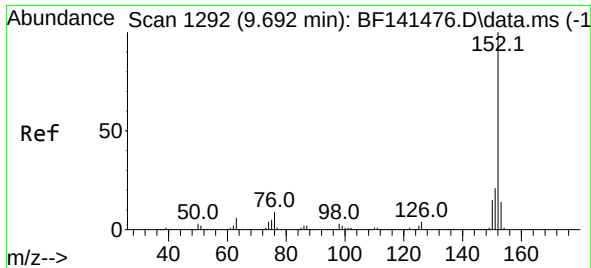
Supervised By :Jagrut Upadhyay 02/19/2025



#48
2-Nitroaniline
Concen: 41.481 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

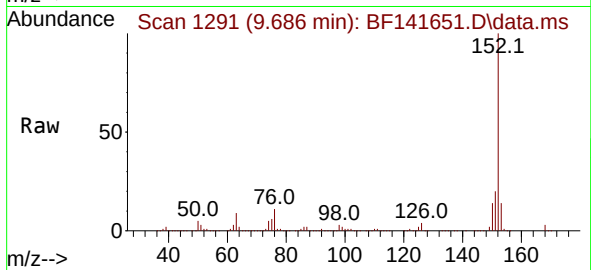
Tgt Ion: 65 Resp: 176287
Ion Ratio Lower Upper
65 100
92 65.3 52.2 78.2
138 103.2 79.5 119.3





#49
Acenaphthylene
Concen: 42.460 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

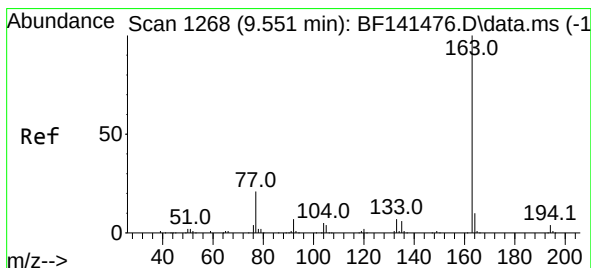
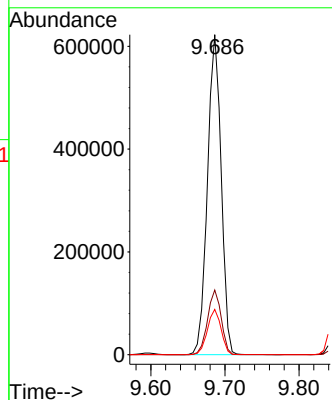
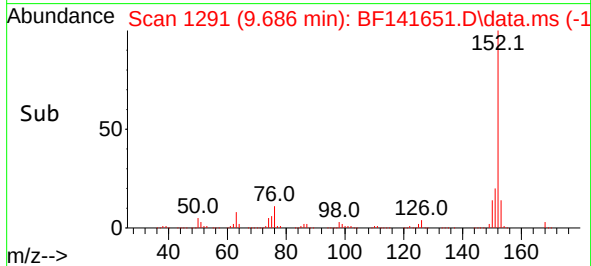
Instrument :
BNA_F
ClientSampleId :
348MSD



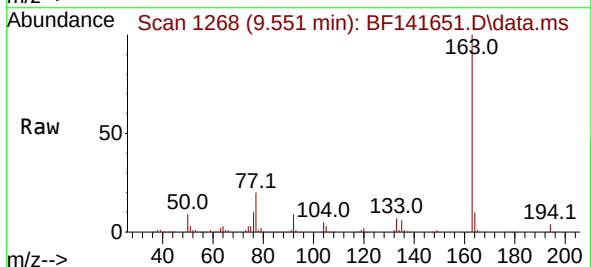
Tgt Ion:152 Resp: 799750
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.1 10.9 16.3

Manual Integrations
APPROVED

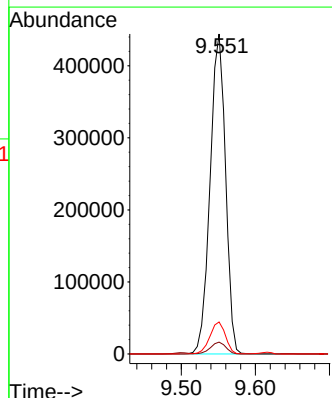
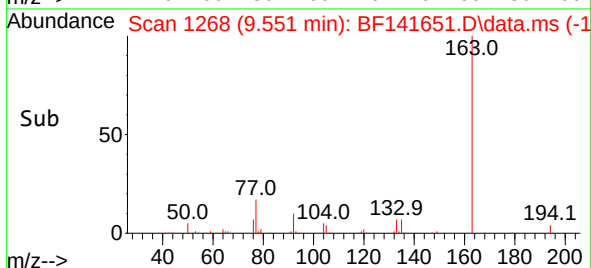
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

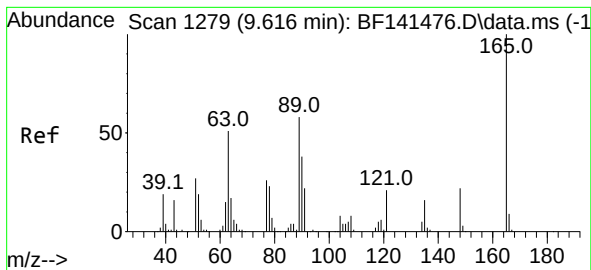


#50
Dimethylphthalate
Concen: 42.865 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



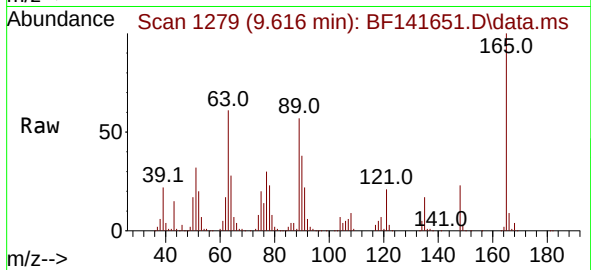
Tgt Ion:163 Resp: 642785
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.852 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

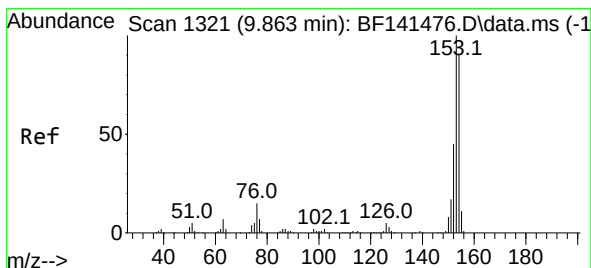
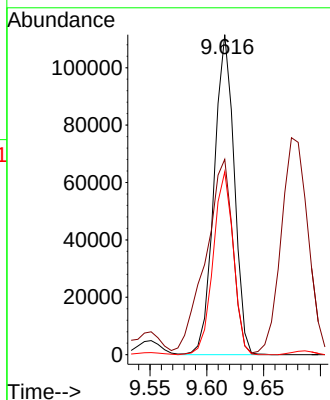
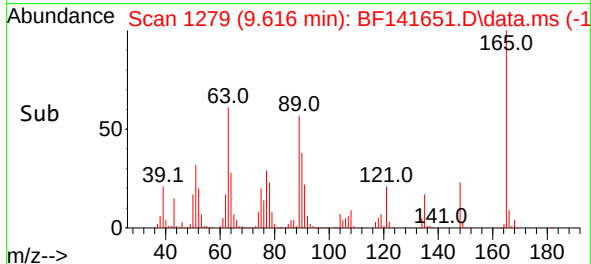
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:165 Resp: 137190
Ion Ratio Lower Upper
165 100
63 61.1 49.4 74.0
89 57.1 46.5 69.7

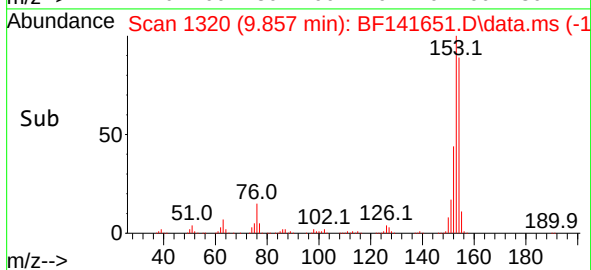
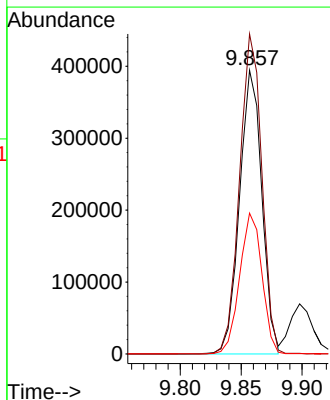
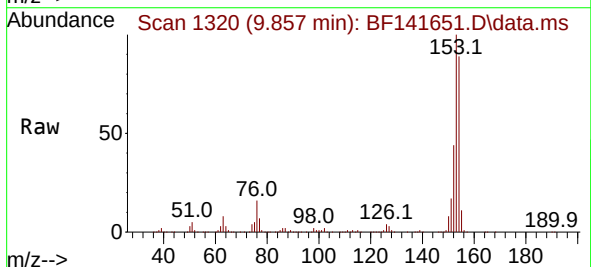
Manual Integrations
APPROVED

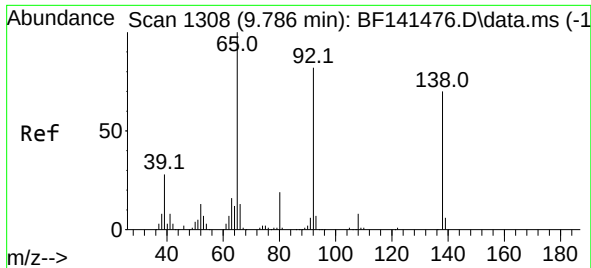
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#52
Acenaphthene
Concen: 39.724 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:154 Resp: 503021
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 49.6 39.8 59.8





#53
3-Nitroaniline
Concen: 32.821 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

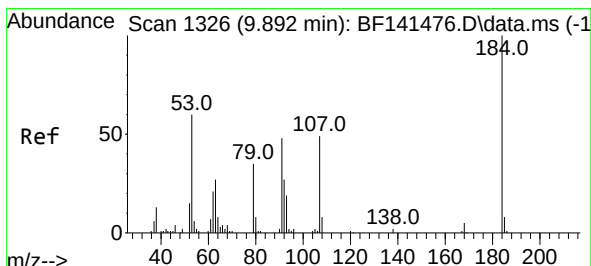
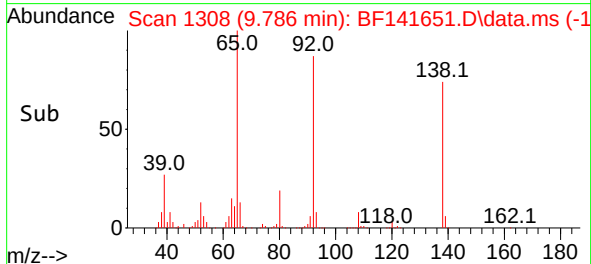
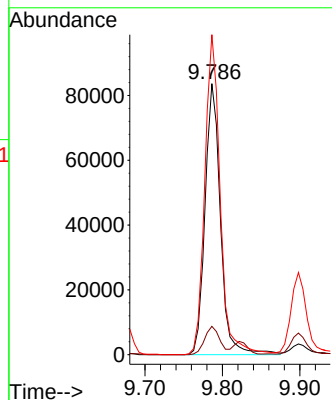
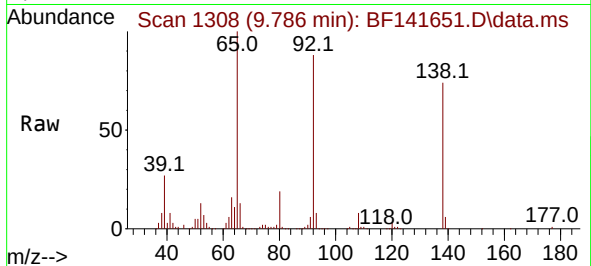
348MSD

Tgt Ion:138 Resp: 115800
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.4
92 118.1 93.7 140.5

Manual Integrations

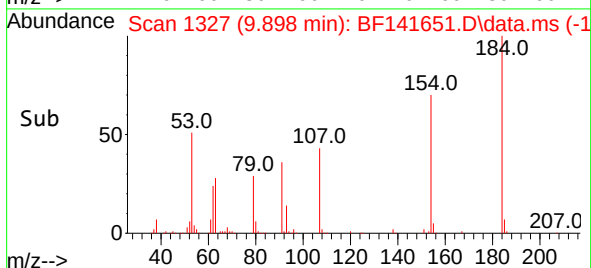
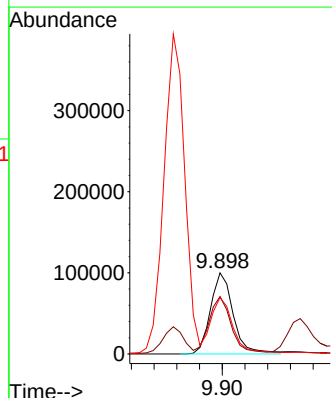
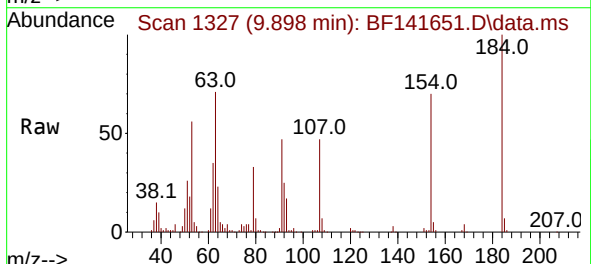
APPROVED

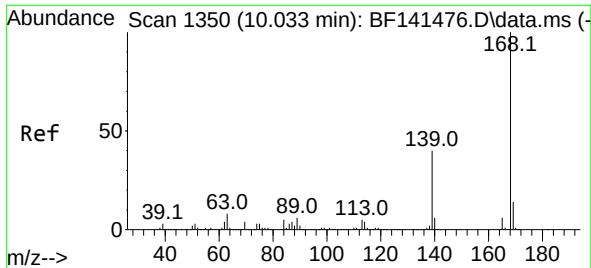
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#54
2,4-Dinitrophenol
Concen: 71.204 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

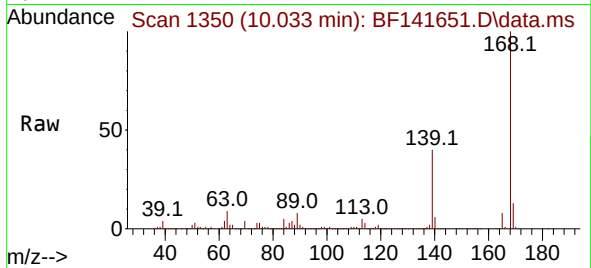
Tgt Ion:184 Resp: 138725
Ion Ratio Lower Upper
184 100
63 70.8 61.0 91.6
154 69.7 59.9 89.9





#55
Dibenzenofuran
Concen: 38.693 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

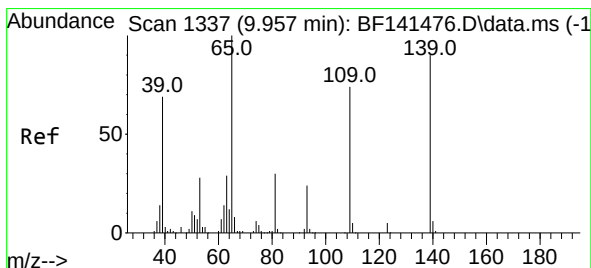
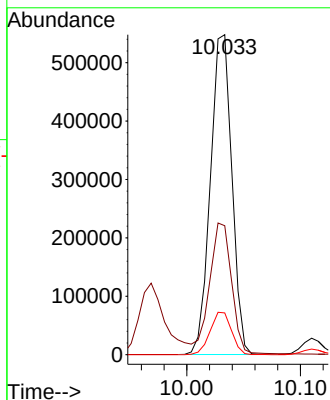
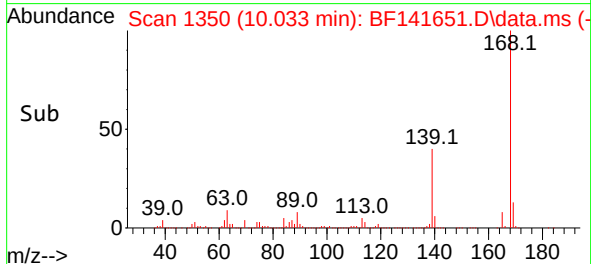
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:168 Resp: 719169
Ion Ratio Lower Upper
168 100
139 40.3 32.7 49.1
169 13.1 10.8 16.2

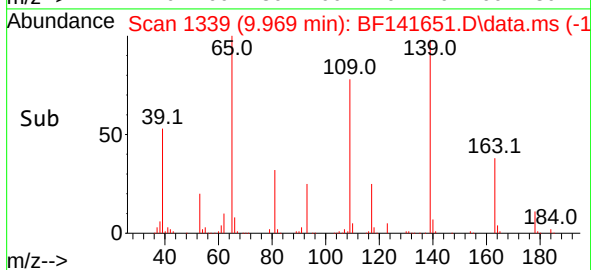
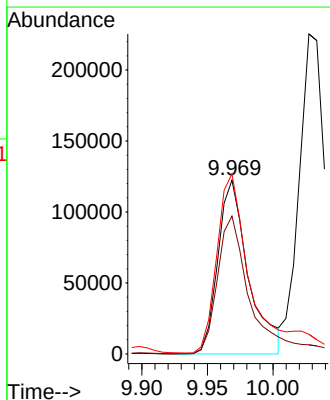
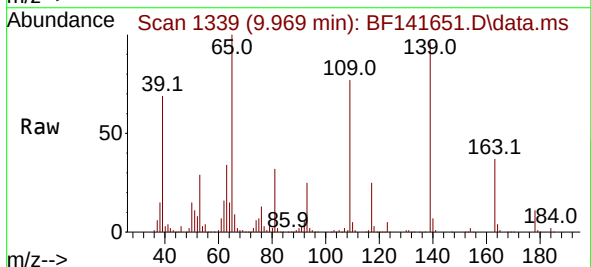
Manual Integrations
APPROVED

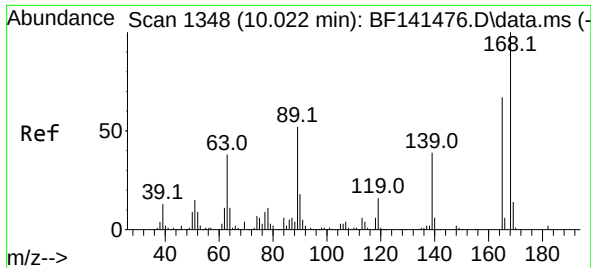
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#56
4-Nitrophenol
Concen: 75.266 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:139 Resp: 197132
Ion Ratio Lower Upper
139 100
109 79.4 62.0 102.0
65 103.7 91.2 131.2





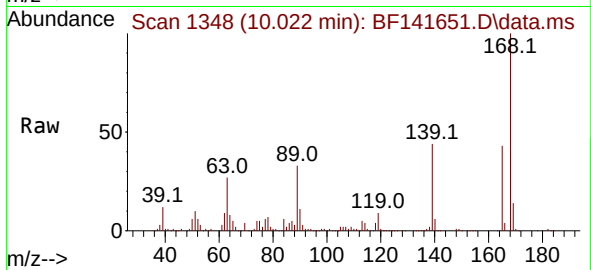
#57
2,4-Dinitrotoluene
Concen: 41.271 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

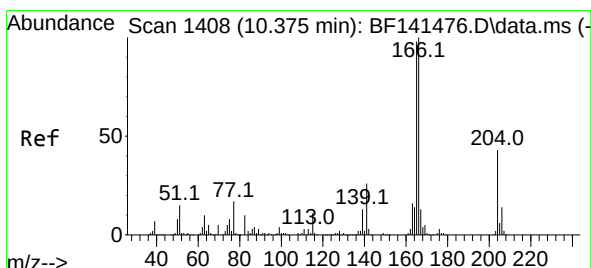
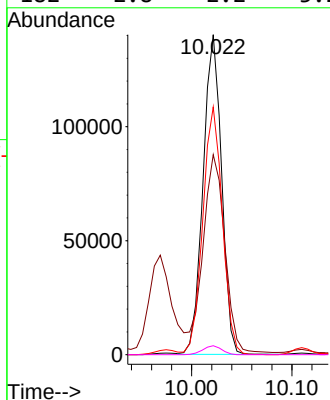
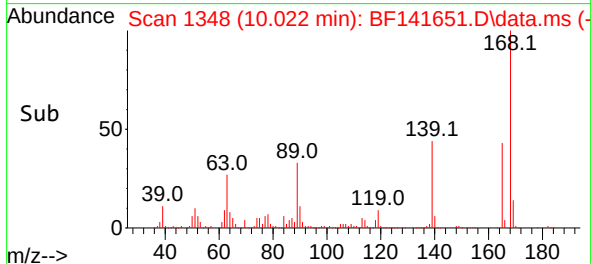


Tgt Ion:165 Resp: 180100
Ion Ratio Lower Upper
165 100
63 62.5 46.4 69.6
89 77.4 61.8 92.6
182 2.8 2.2 3.2

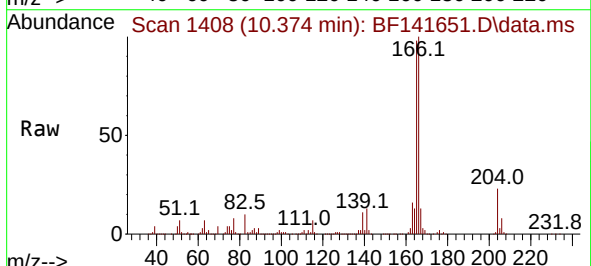
Manual Integrations

APPROVED

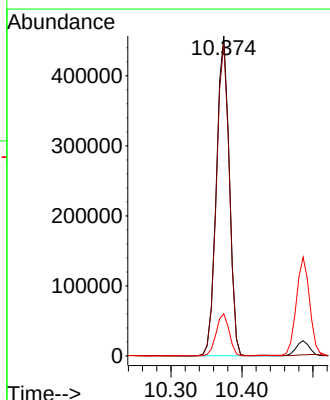
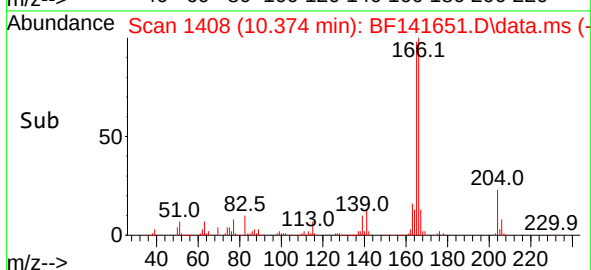
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

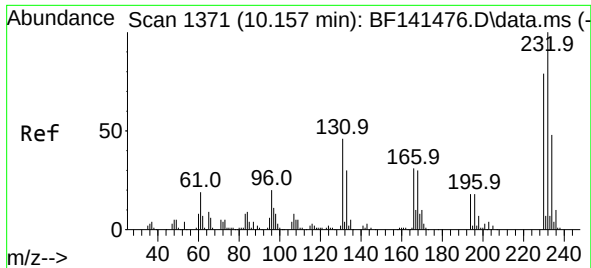


#58
Fluorene
Concen: 39.904 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



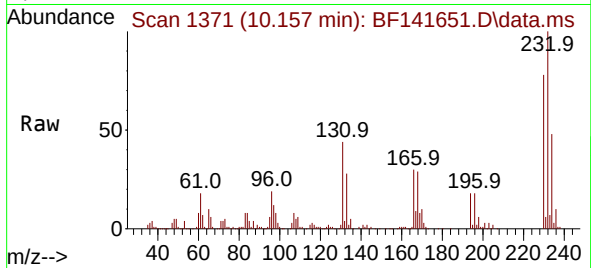
Tgt Ion:166 Resp: 573475
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.527 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

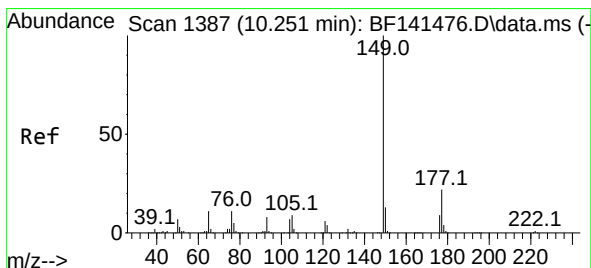
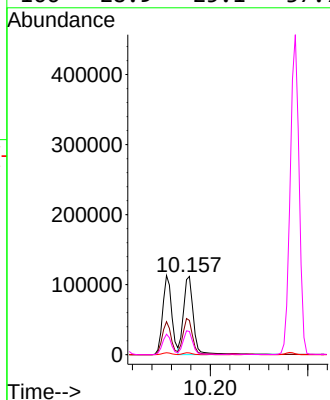
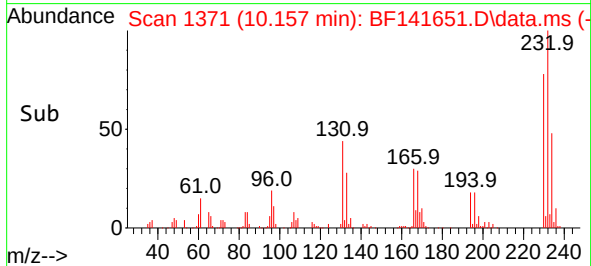
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:232 Resp: 15618
Ion Ratio Lower Upper
232 100
131 44.8 39.2 58.8
130 2.3 2.1 3.1
166 28.9 25.1 37.7

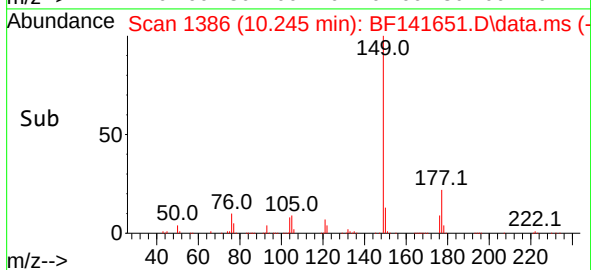
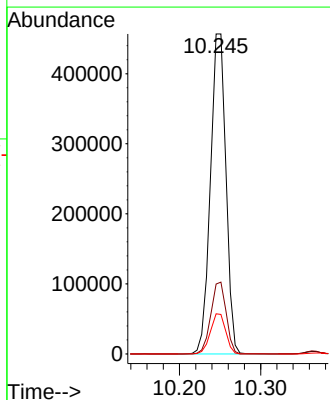
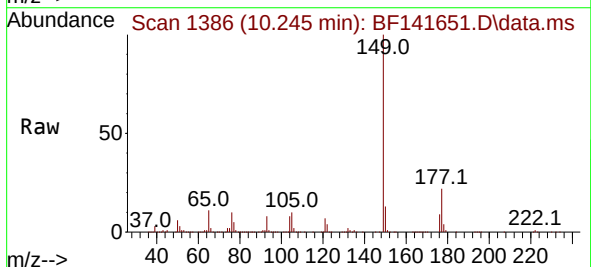
Manual Integrations
APPROVED

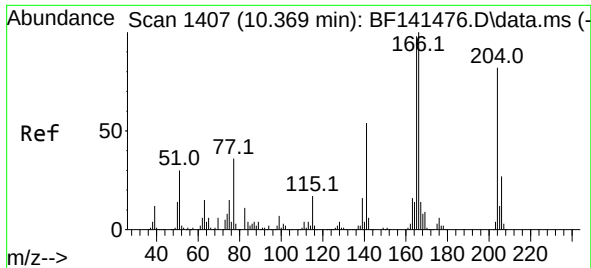
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#60
Diethylphthalate
Concen: 41.120 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

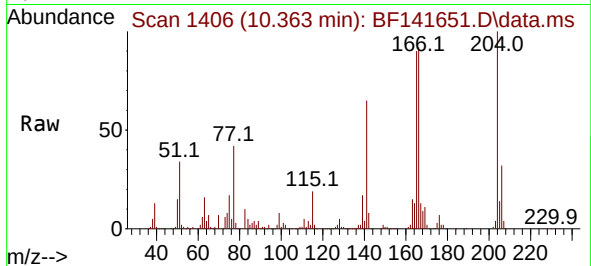
Tgt Ion:149 Resp: 606674
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.499 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

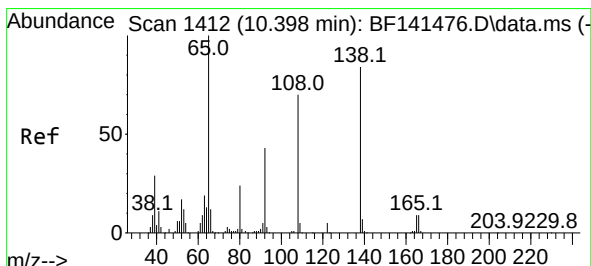
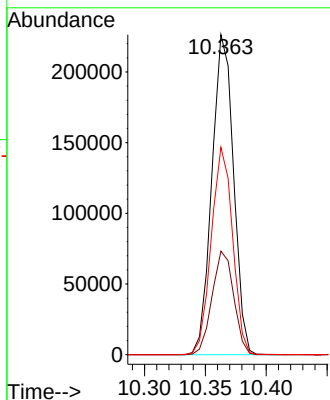
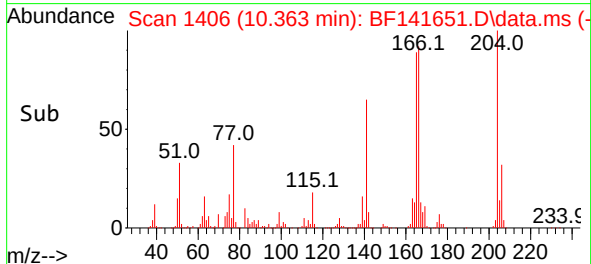
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:204 Resp: 28000
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.8 51.9 77.9

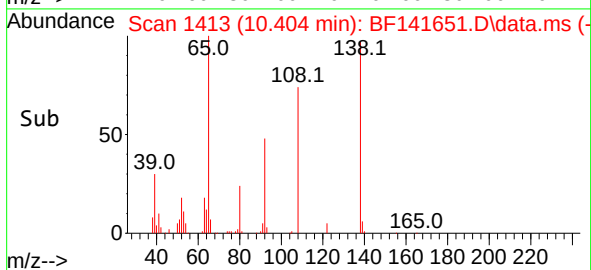
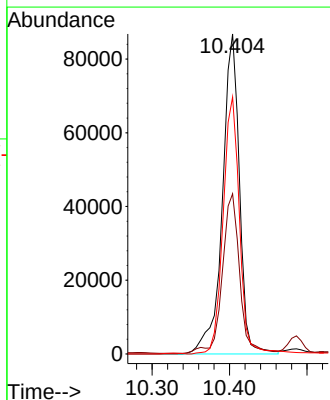
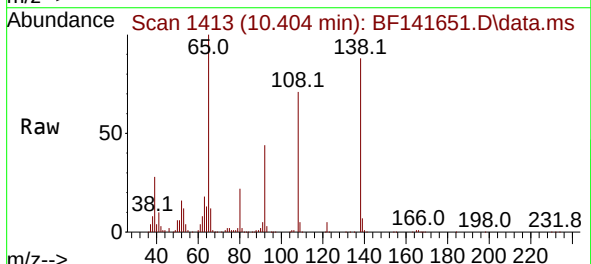
Manual Integrations
APPROVED

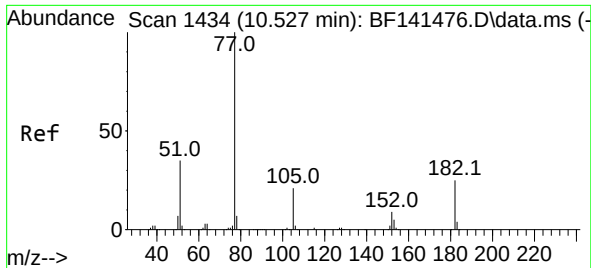
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#62
4-Nitroaniline
Concen: 37.138 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

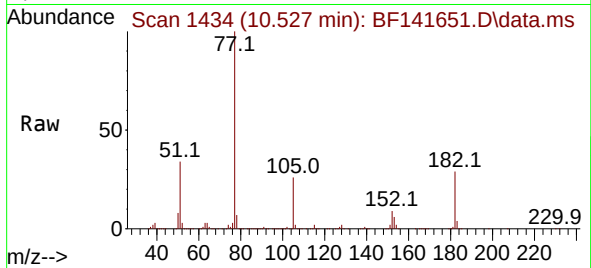
Tgt Ion:138 Resp: 133052
Ion Ratio Lower Upper
138 100
92 50.1 31.3 71.3
108 80.3 63.7 103.7





#63
Azobenzene
Concen: 43.476 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

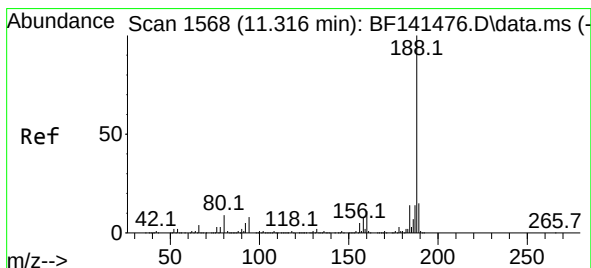
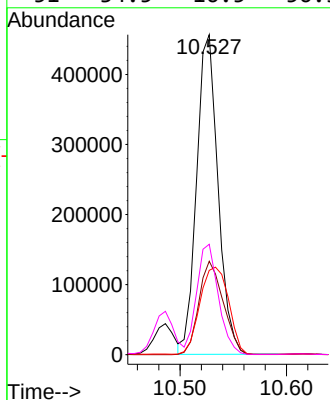
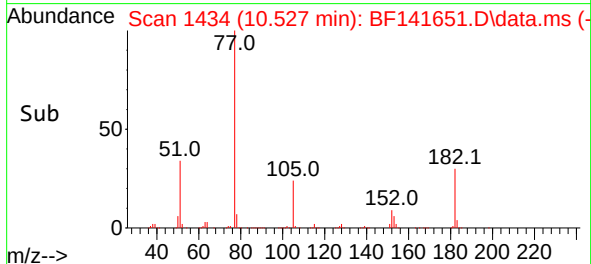
Instrument :
BNA_F
ClientSampleId :
348MSD



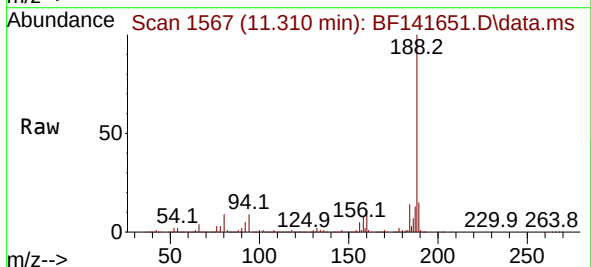
Tgt Ion: 77 Resp: 63767
Ion Ratio Lower Upper
77 100
182 29.2 4.7 44.7
105 26.4 0.4 40.4
51 34.5 16.5 56.5

Manual Integrations
APPROVED

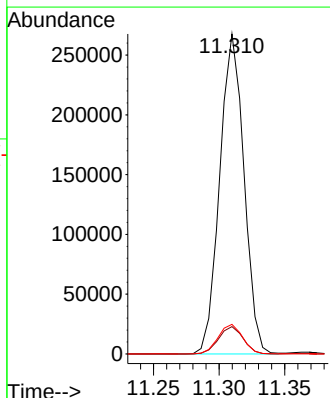
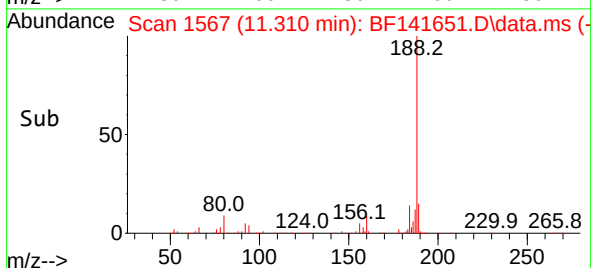
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

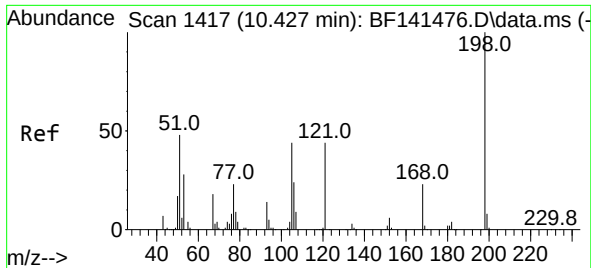


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



Tgt Ion:188 Resp: 344116
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 7.3 10.9





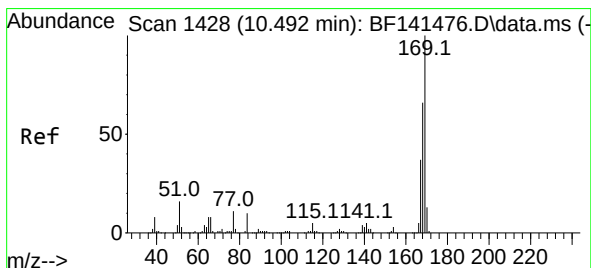
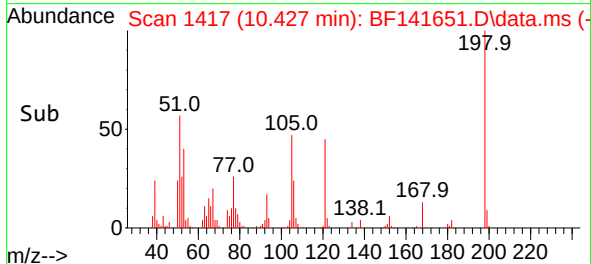
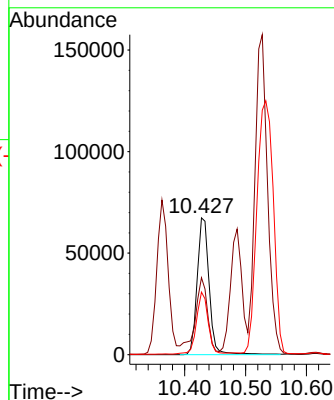
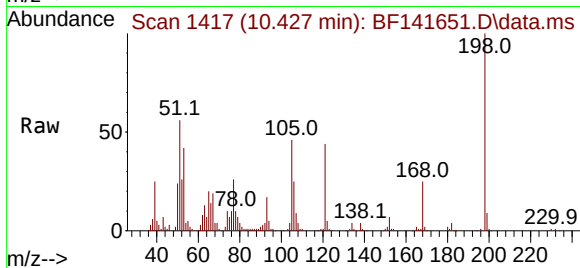
#65
4,6-Dinitro-2-methylphenol
Concen: 38.807 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
348MSD

Tgt Ion:198 Resp: 92764
Ion Ratio Lower Upper
198 100
51 56.2 37.4 77.4
105 45.8 25.2 65.2

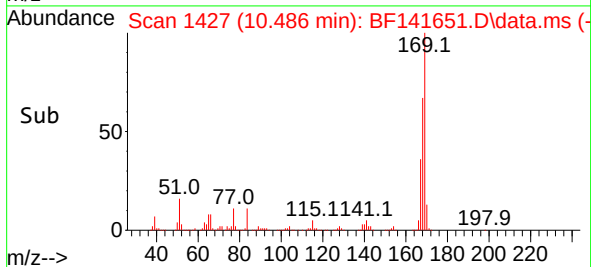
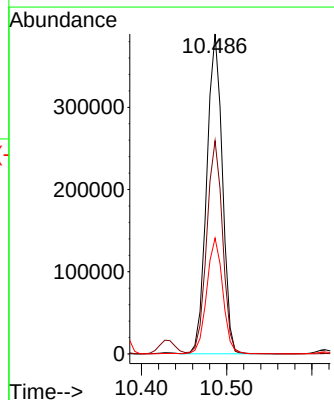
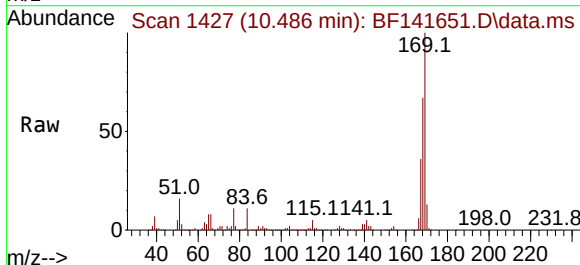
Manual Integrations
APPROVED

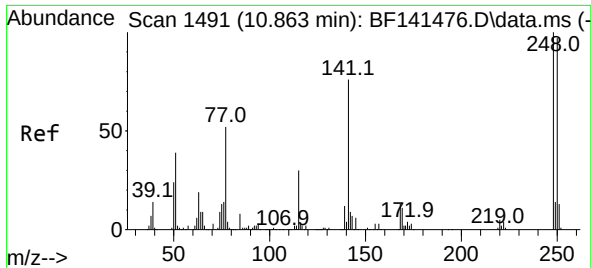
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#66
n-Nitrosodiphenylamine
Concen: 44.919 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

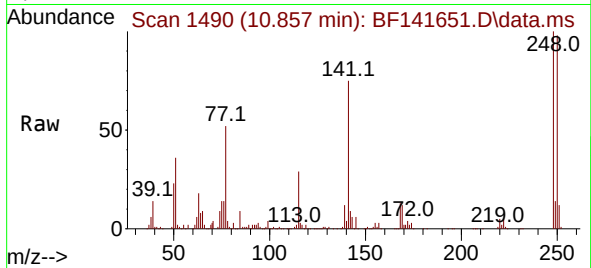
Tgt Ion:169 Resp: 494801
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 44.516 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

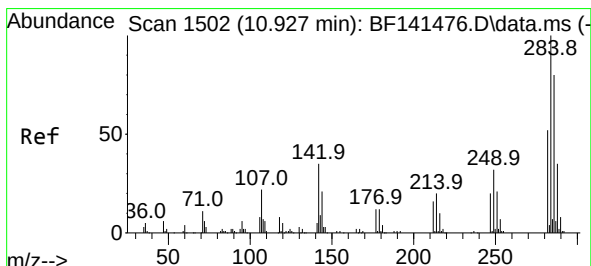
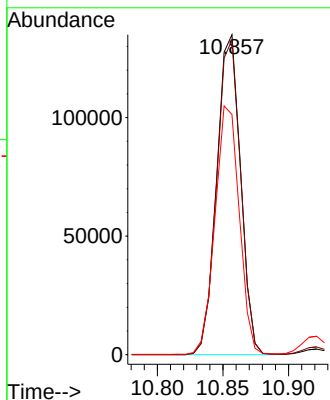
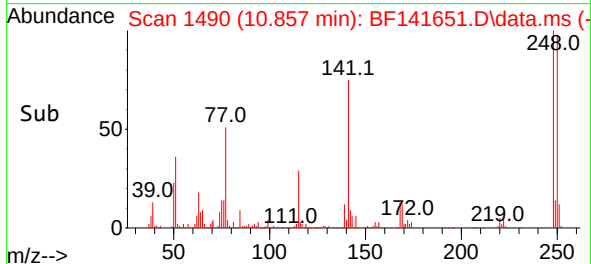
Instrument :
BNA_F
ClientSampleId :
348MSD



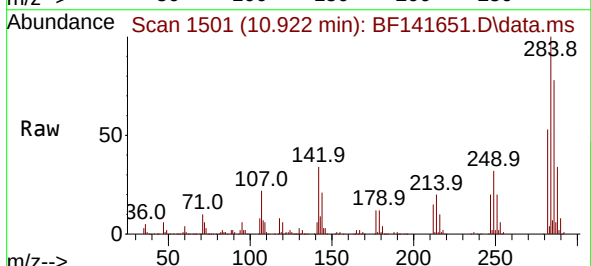
Tgt Ion:248 Resp: 171205
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.6
141 75.1 60.6 90.8

Manual Integrations
APPROVED

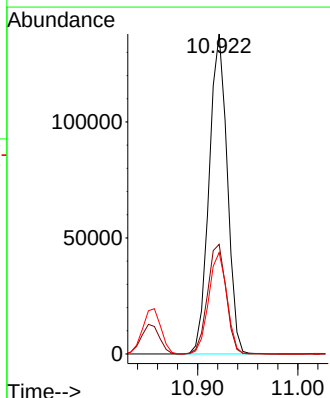
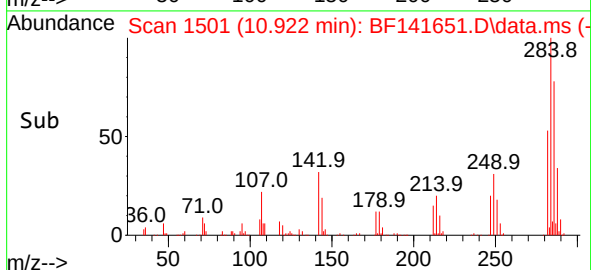
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

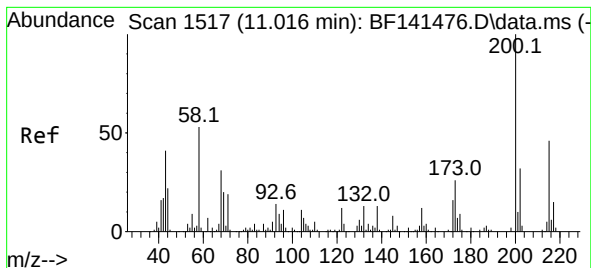


#68
Hexachlorobenzene
Concen: 43.761 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



Tgt Ion:284 Resp: 173305
Ion Ratio Lower Upper
284 100
142 34.3 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 53.367 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

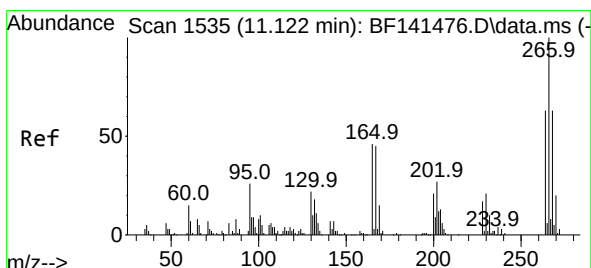
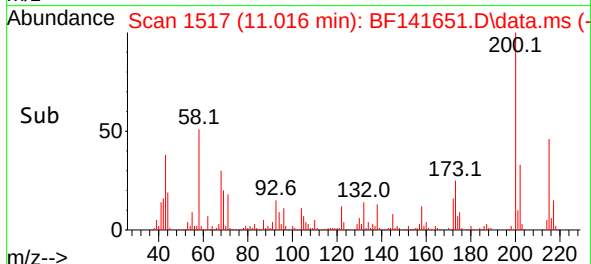
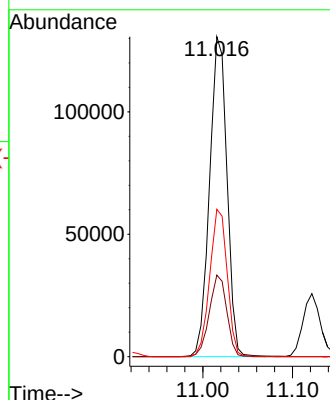
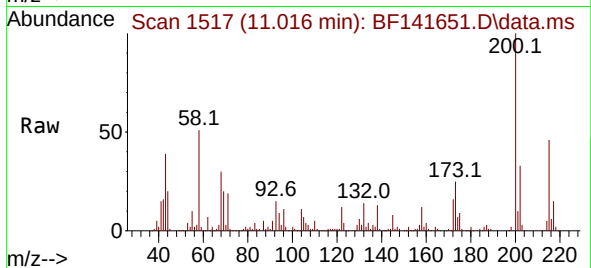
Tgt Ion:200 Resp: 176359
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.9 45.9
 215 46.0 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#70

Pentachlorophenol

Concen: 73.481 ng

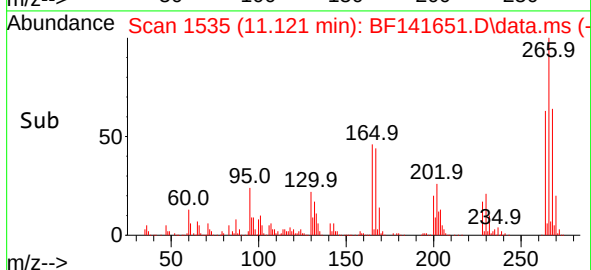
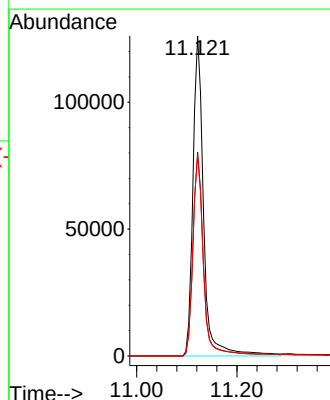
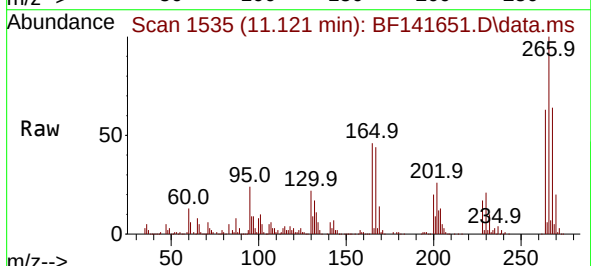
RT: 11.121 min Scan# 1535

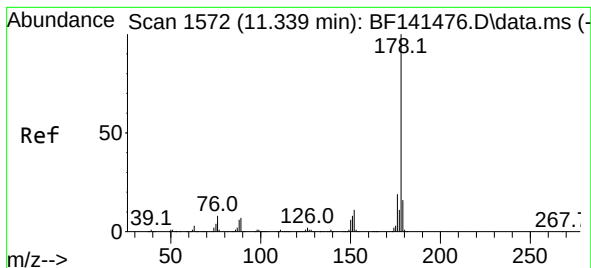
Delta R.T. -0.006 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:266 Resp: 186074
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 62.8 50.1 75.1





#71

Phenanthrene

Concen: 43.889 ng

RT: 11.333 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

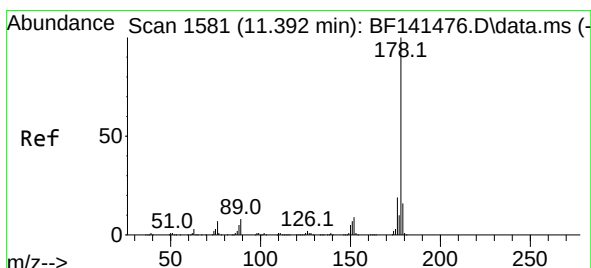
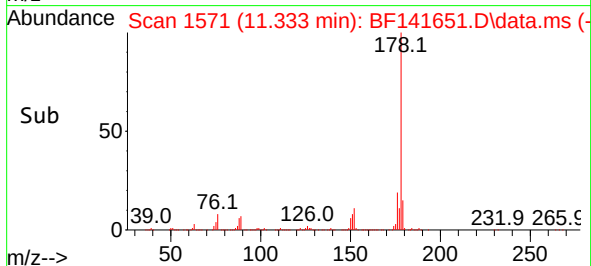
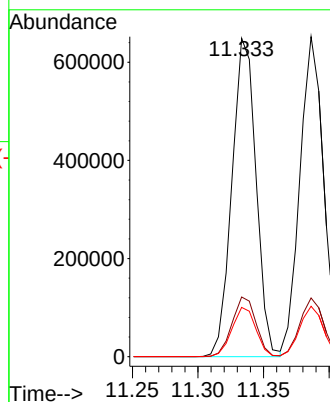
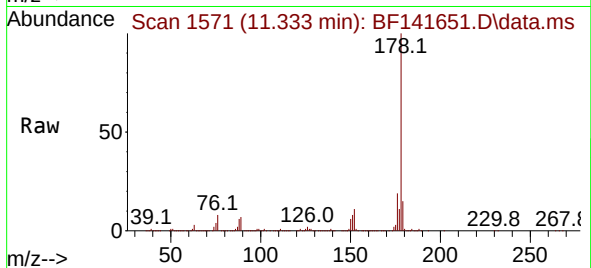
348MSD

Tgt Ion:178 Resp: 831354
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#72

Anthracene

Concen: 42.916 ng

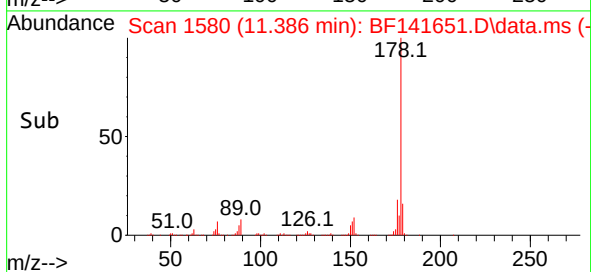
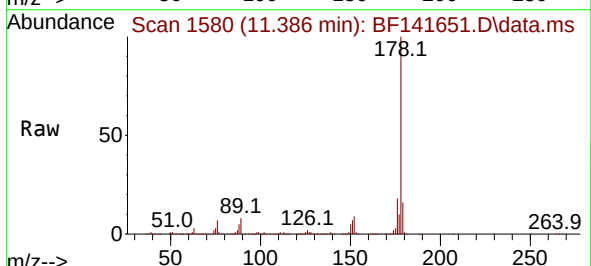
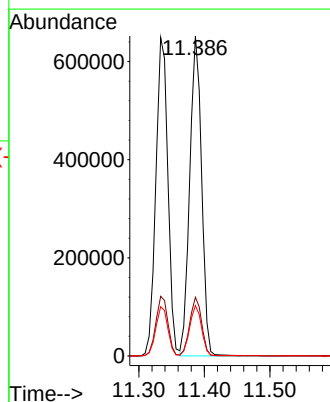
RT: 11.386 min Scan# 1580

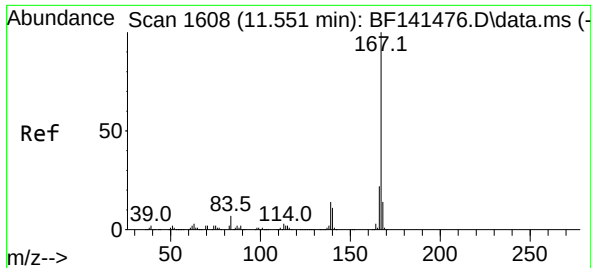
Delta R.T. -0.012 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

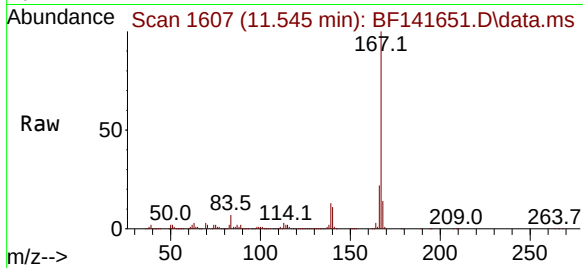
Tgt Ion:178 Resp: 817187
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.8 12.4 18.6





#73
Carbazole
Concen: 40.156 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

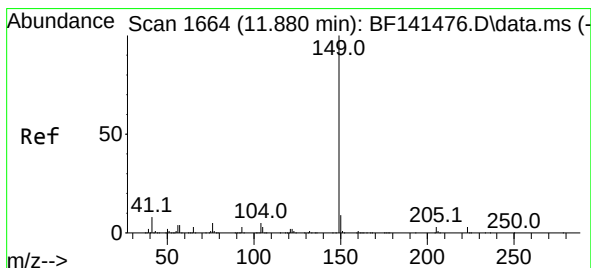
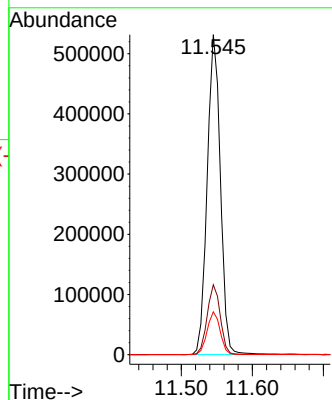
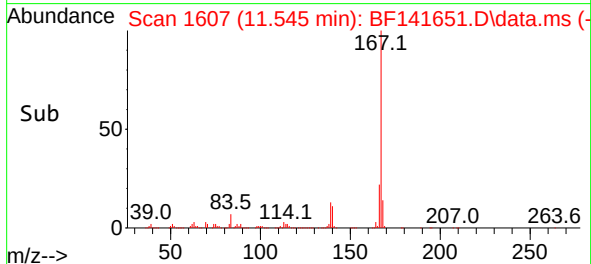
Instrument :
BNA_F
ClientSampleId :
348MSD



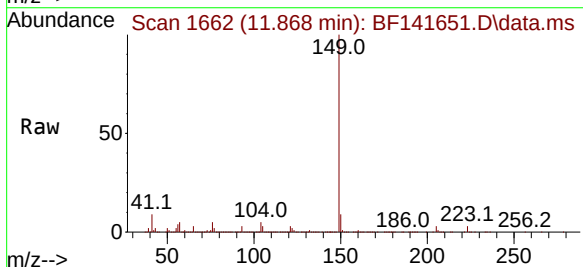
Tgt Ion:167 Resp: 688000
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.4 10.9 16.3

Manual Integrations
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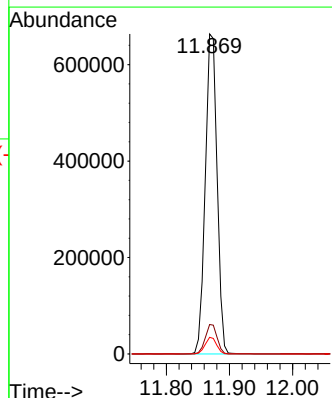
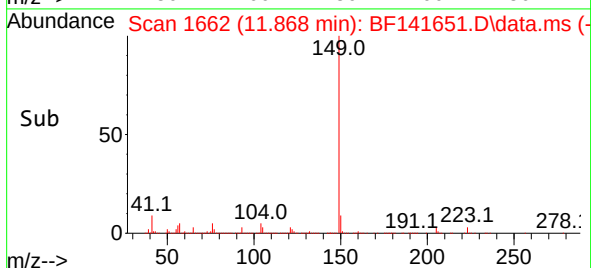
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

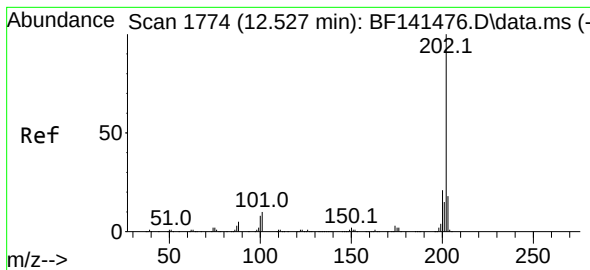


#74
Di-n-butylphthalate
Concen: 43.428 ng
RT: 11.868 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



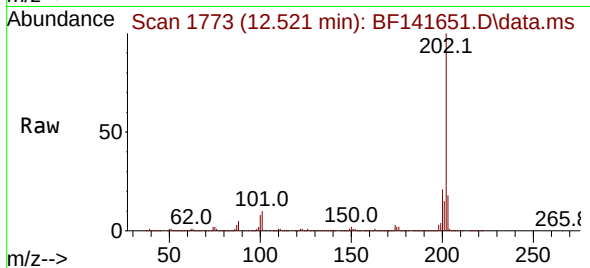
Tgt Ion:149 Resp: 859143
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 40.233 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

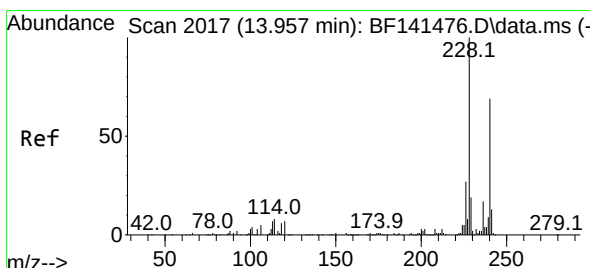
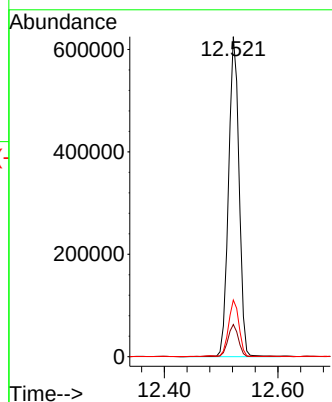
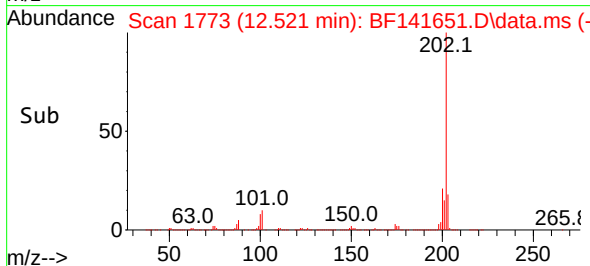
Instrument :
BNA_F
ClientSampleId :
348MSD



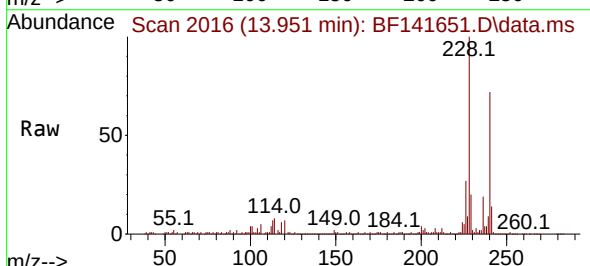
Tgt Ion:202 Resp: 807970
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
APPROVED

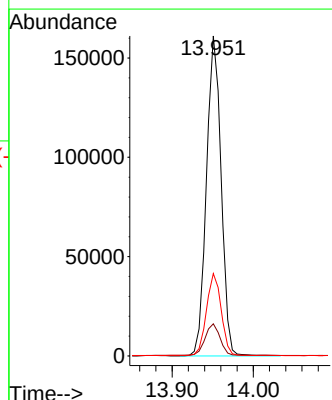
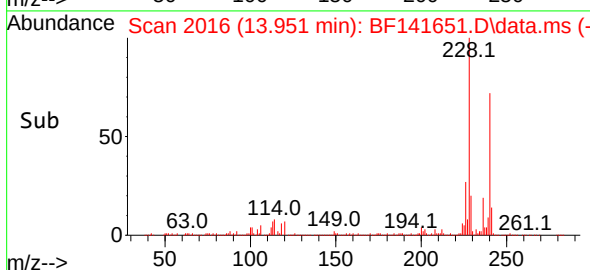
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

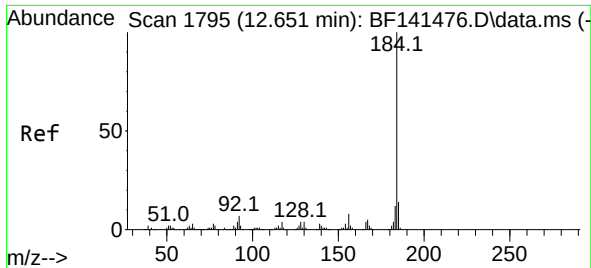


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



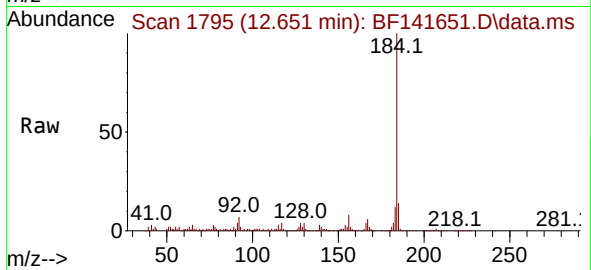
Tgt Ion:240 Resp: 202003
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.7 19.8 29.8





#77
Benzidine
Concen: 46.310 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

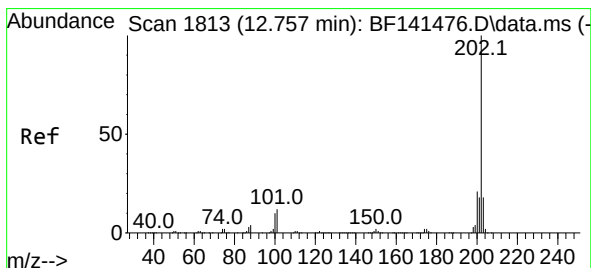
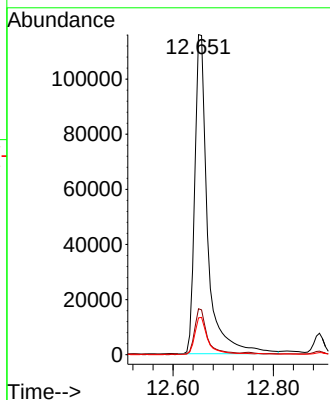
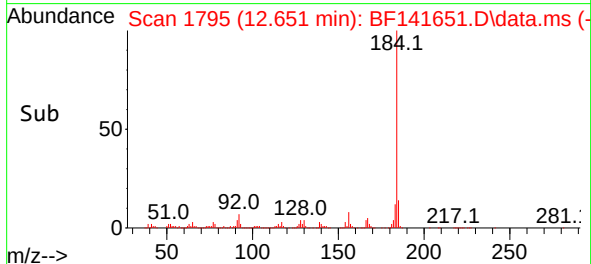
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:184 Resp: 206314
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.5 9.3 13.9

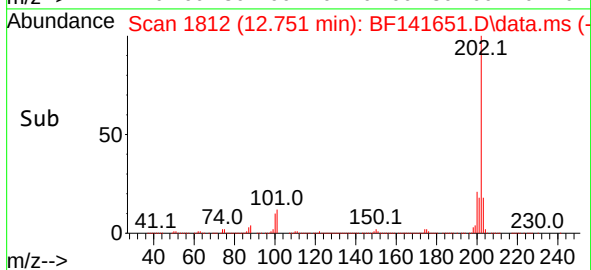
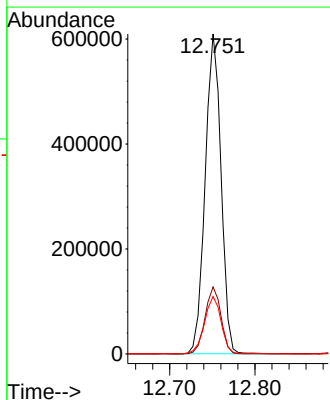
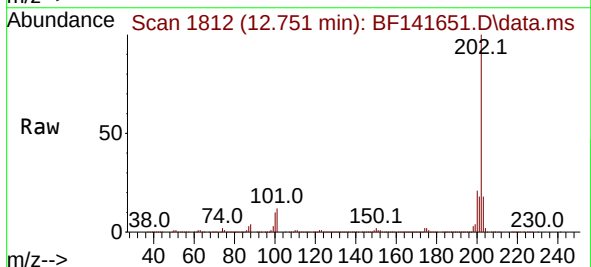
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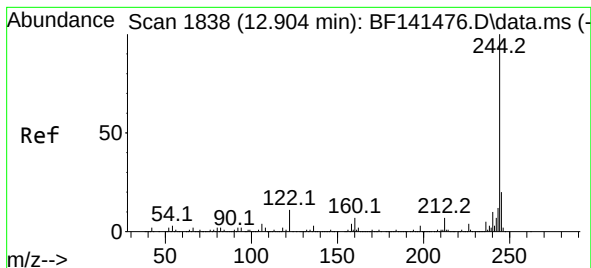
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#78
Pyrene
Concen: 45.803 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:202 Resp: 787624
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 56.181 ng

RT: 12.892 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:244 Resp: 672250

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

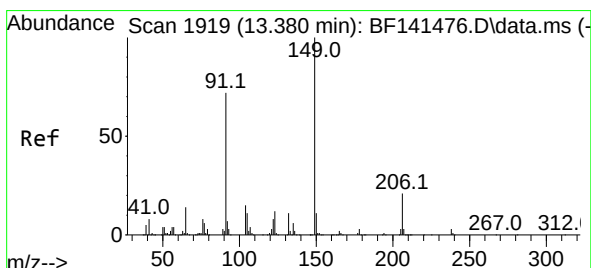
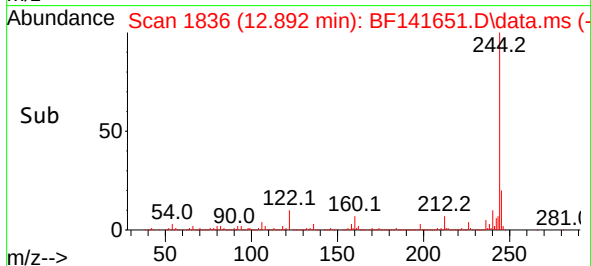
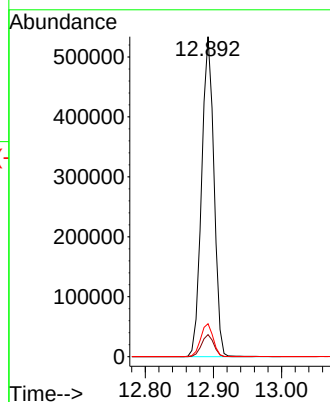
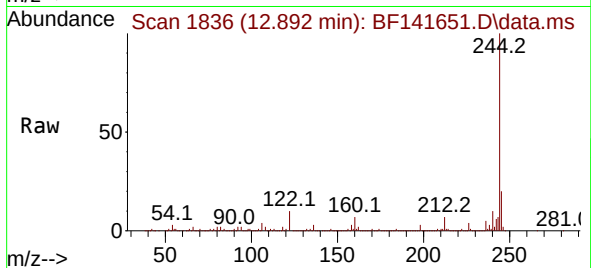
122 10.3 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#80

Butylbenzylphthalate

Concen: 47.375 ng

RT: 13.368 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

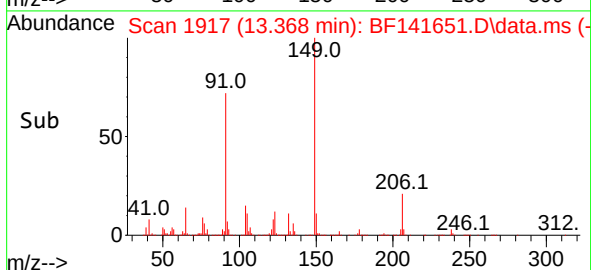
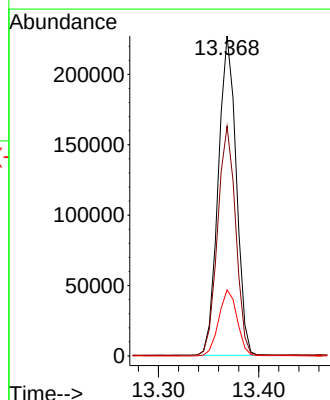
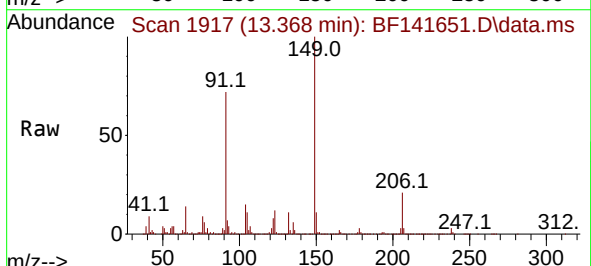
Tgt Ion:149 Resp: 282174

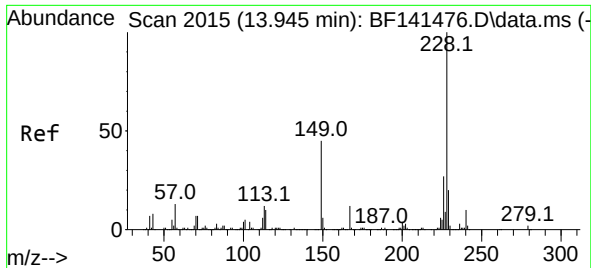
Ion Ratio Lower Upper

149 100

91 71.8 57.8 86.8

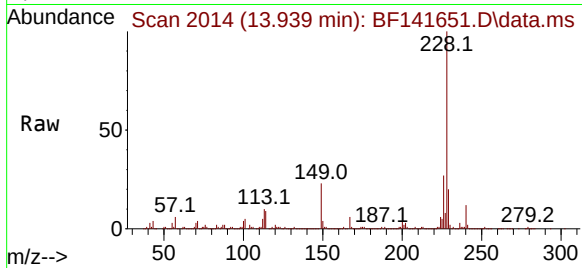
206 20.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 43.619 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

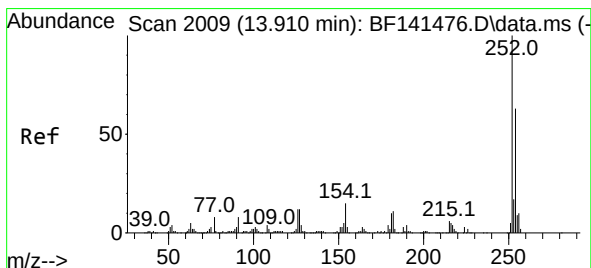
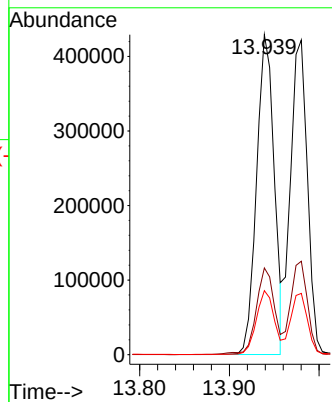
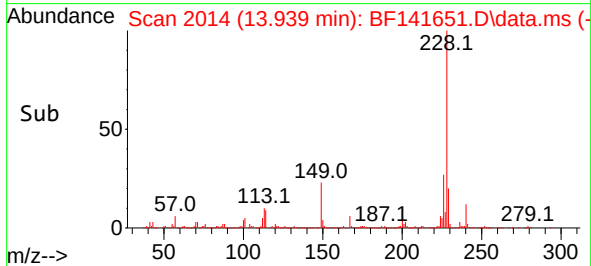
Instrument :
BNA_F
ClientSampleId :
348MSD



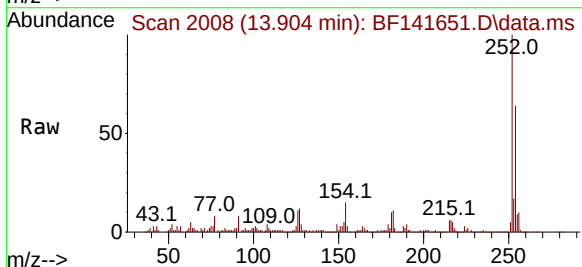
Tgt Ion:228 Resp: 58571
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.0 15.8 23.6

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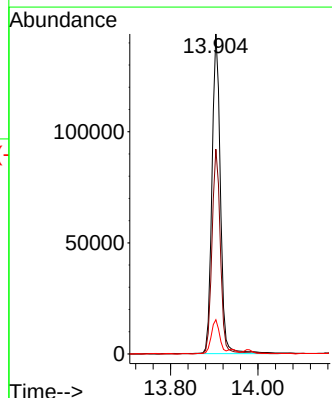
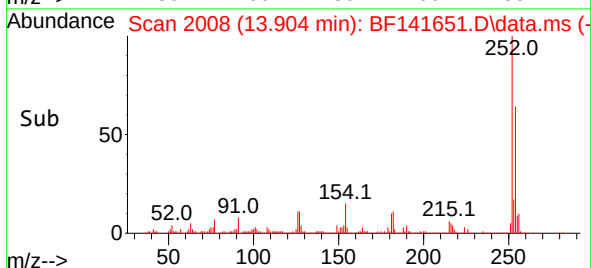
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

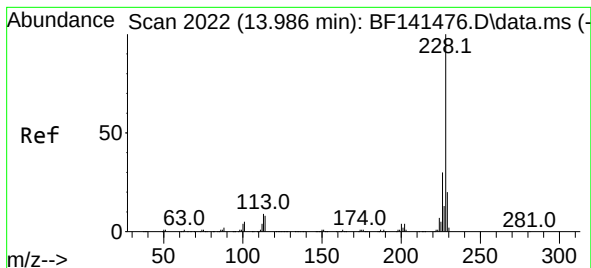


#82
3,3'-Dichlorobenzidine
Concen: 50.344 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26



Tgt Ion:252 Resp: 193646
Ion Ratio Lower Upper
252 100
254 64.0 50.6 76.0
126 10.7 9.3 13.9





#83

Chrysene

Concen: 44.308 ng

RT: 13.980 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:228 Resp: 549350

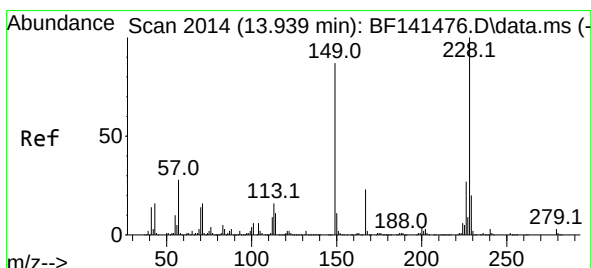
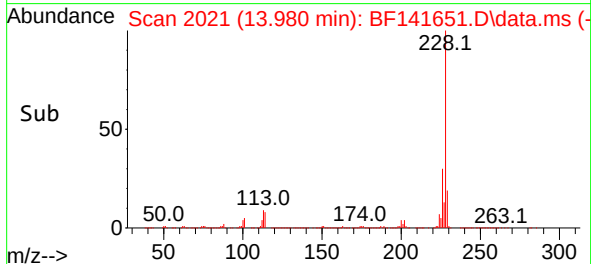
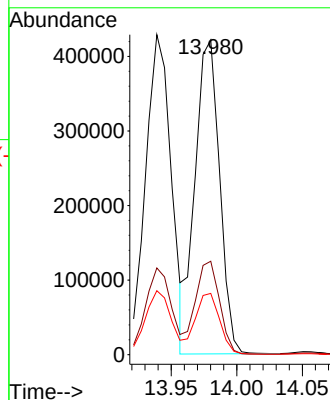
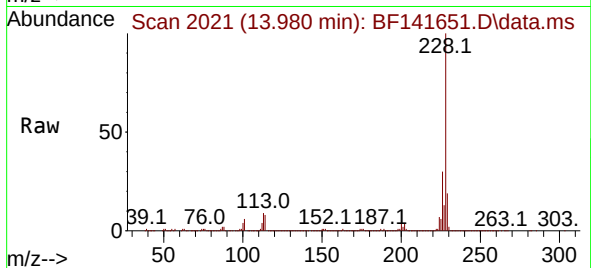
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.5	15.7	23.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.809 ng

RT: 13.927 min Scan# 2012

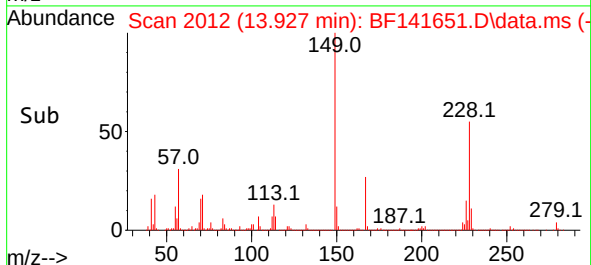
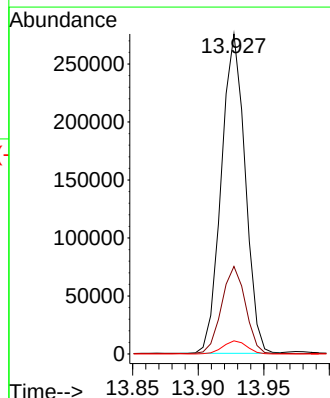
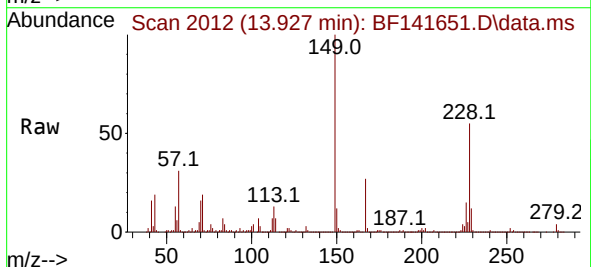
Delta R.T. -0.012 min

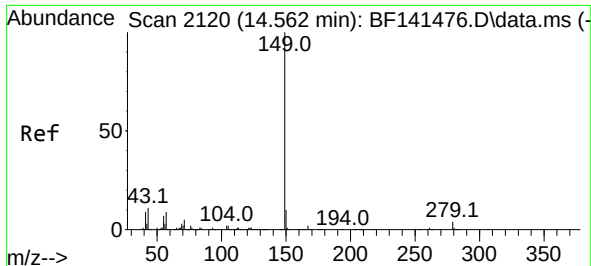
Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:149 Resp: 348037

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.1	3.1	4.7





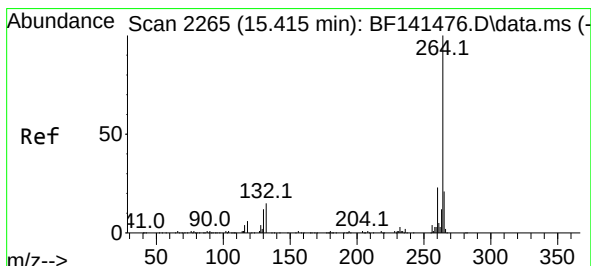
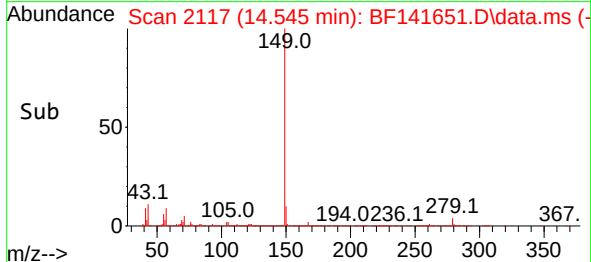
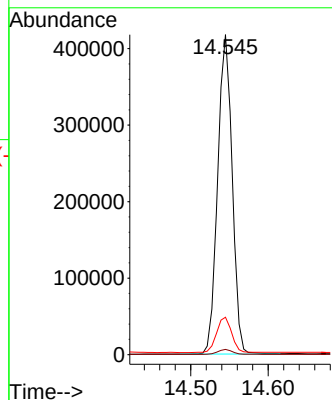
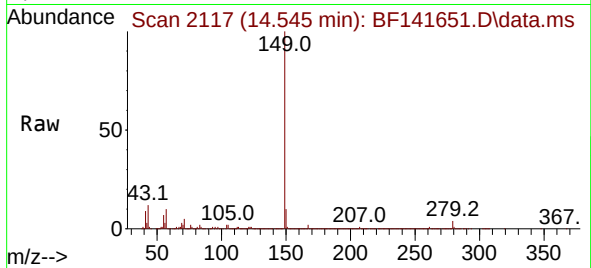
#85
Di-n-octyl phthalate
Concen: 56.758 ng
RT: 14.545 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
348MSD

Tgt Ion:149 Resp: 54392
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3

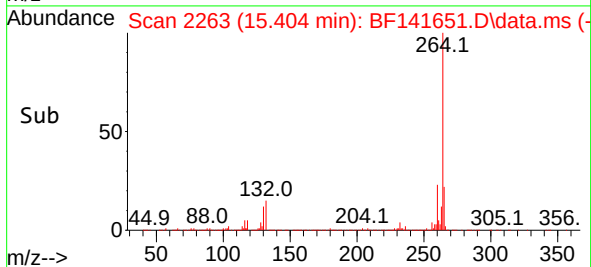
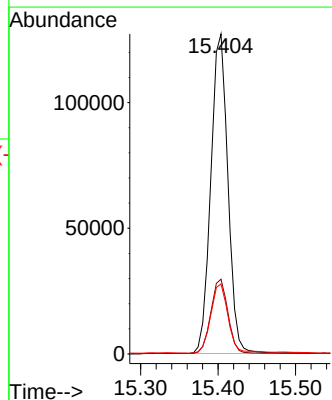
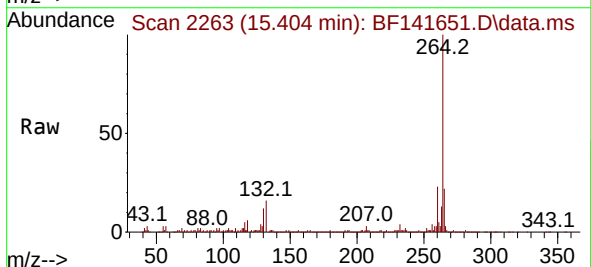
Manual Integrations
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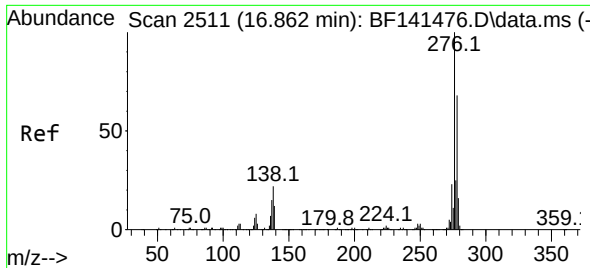
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

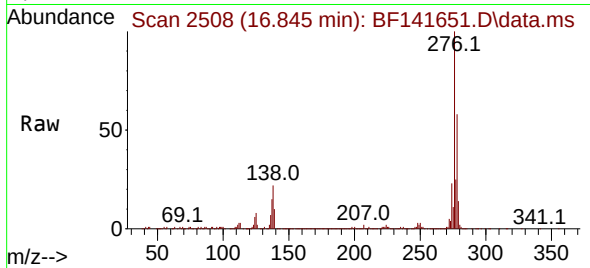
Tgt Ion:264 Resp: 194698
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.434 ng
RT: 16.845 min Scan# 2192
Delta R.T. -0.029 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

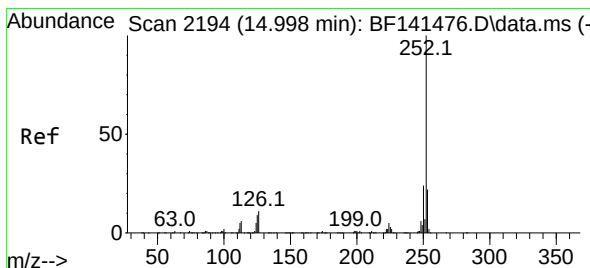
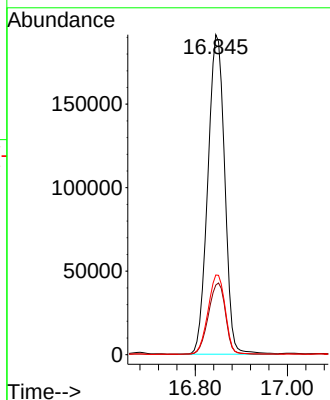
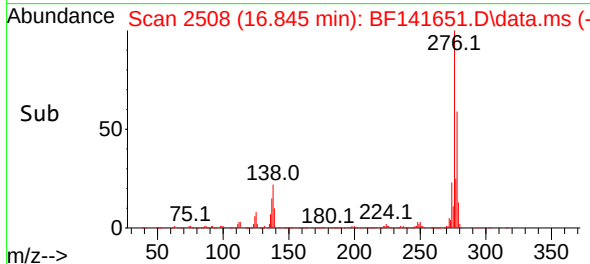
Instrument :
BNA_F
ClientSampleId :
348MSD



Tgt Ion:276 Resp: 486420
Ion Ratio Lower Upper
276 100
138 22.6 18.0 27.0
277 25.3 20.4 30.6

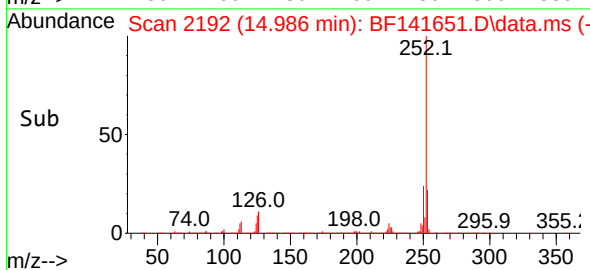
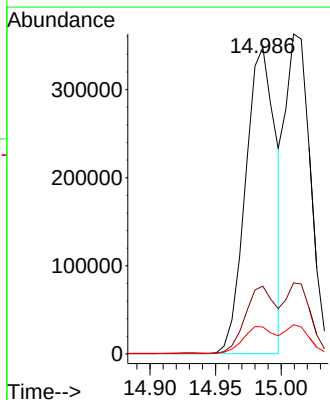
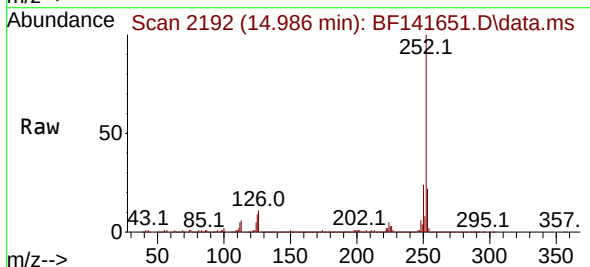
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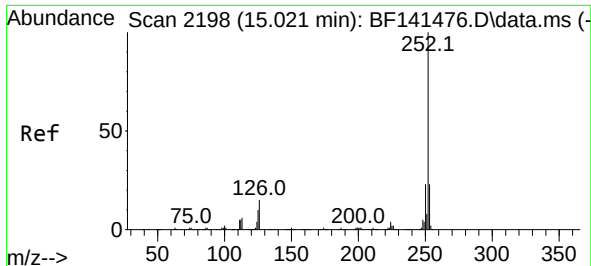
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#88
Benzo(b)fluoranthene
Concen: 42.443 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF141651.D
Acq: 14 Feb 2025 20:26

Tgt Ion:252 Resp: 554861
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.871 ng

RT: 15.009 min Scan# 2198

Delta R.T. -0.024 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:252 Resp: 478570

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

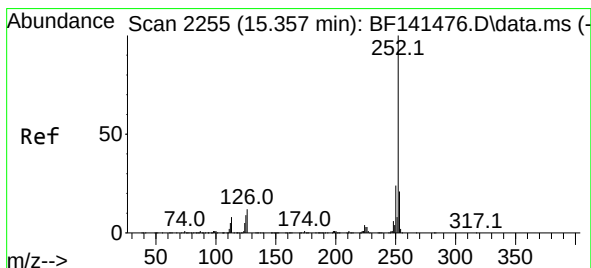
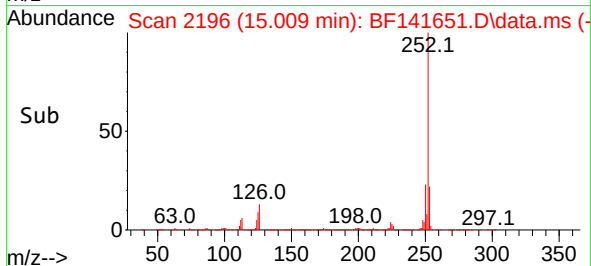
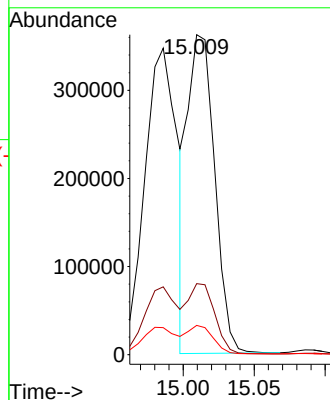
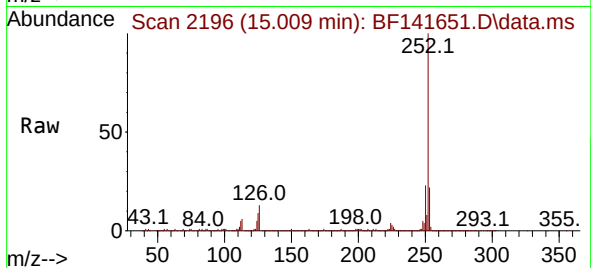
125 9.1 7.4 11.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#90

Benzo(a)pyrene

Concen: 46.154 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

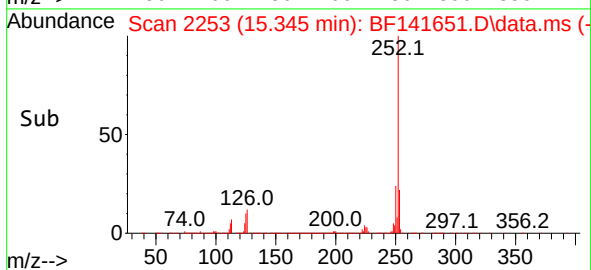
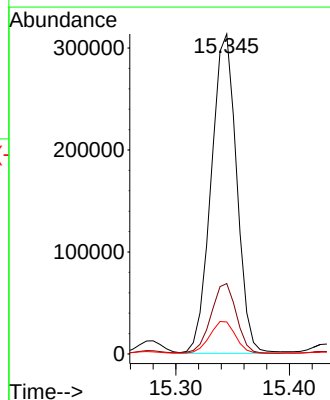
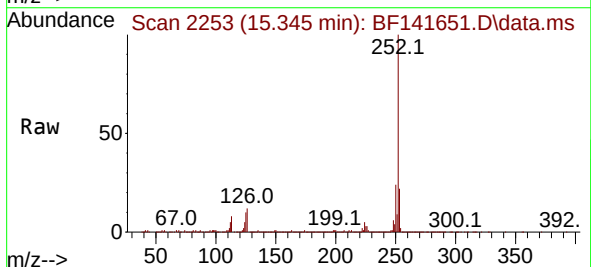
Tgt Ion:252 Resp: 488232

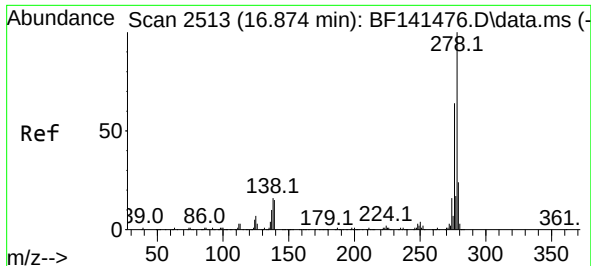
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 40.084 ng

RT: 16.856 min Scan# 2510

Delta R.T. -0.035 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

348MSD

Tgt Ion:278 Resp: 390734

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

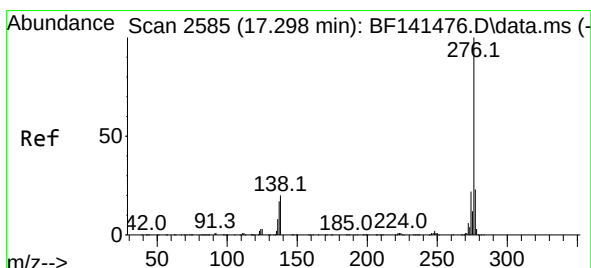
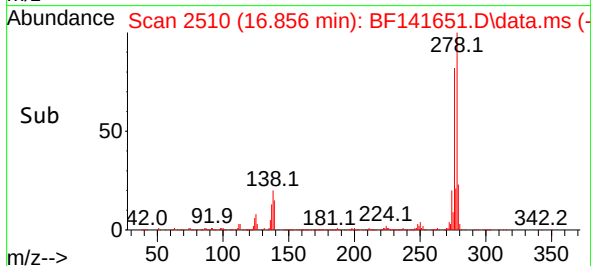
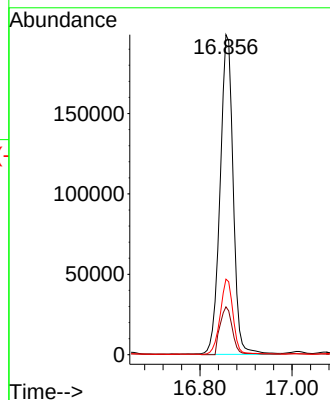
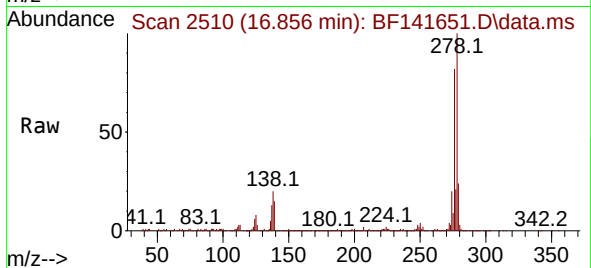
279 23.6 19.1 28.7

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#92

Benzo(g,h,i)perylene

Concen: 35.716 ng

RT: 17.280 min Scan# 2582

Delta R.T. -0.035 min

Lab File: BF141651.D

Acq: 14 Feb 2025 20:26

Tgt Ion:276 Resp: 364330

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 18.9 15.9 23.9

