

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141611.D
 Acq On : 13 Feb 2025 13:44
 Operator : RC/JU
 Sample : Q1343-13MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13MSD

Quant Time: Feb 13 14:15:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	100491	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	409269	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	227525	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	399093	20.000	ng	0.00
76) Chrysene-d12	13.951	240	269691	20.000	ng	-0.01
86) Perylene-d12	15.404	264	219815	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	558510	87.132	ng	0.00
7) Phenol-d6	6.428	99	711264	87.793	ng	-0.01
23) Nitrobenzene-d5	7.351	82	471336	60.068	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	214623	93.903	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	868239	58.791	ng	0.00
79) Terphenyl-d14	12.892	244	999319	62.554	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	120025	46.524	ng	99
3) Pyridine	3.334	79	249883	40.704	ng	98
4) n-Nitrosodimethylamine	3.293	42	169239	41.634	ng	94
6) Aniline	6.451	93	144876	19.063	ng	# 32
8) 2-Chlorophenol	6.575	128	306993	44.324	ng	99
9) Benzaldehyde	6.334	77	169441	39.357	ng	99
10) Phenol	6.445	94	371331	44.037	ng	82
11) bis(2-Chloroethyl)ether	6.522	93	284296	44.888	ng	100
12) 1,3-Dichlorobenzene	6.728	146	327521	44.792	ng	98
13) 1,4-Dichlorobenzene	6.804	146	327269	43.806	ng	99
14) 1,2-Dichlorobenzene	6.951	146	316646	45.667	ng	99
15) Benzyl Alcohol	6.934	79	254329	40.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	464645	42.857	ng	79
17) 2-Methylphenol	7.051	107	238542	44.010	ng	96
18) Hexachloroethane	7.292	117	125801	45.500	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	215187	44.404	ng	96
20) 3+4-Methylphenols	7.204	107	314070	45.595	ng	98
22) Acetophenone	7.198	105	475296	46.686	ng	95
24) Nitrobenzene	7.369	77	324758	42.444	ng	99
25) Isophorone	7.610	82	592050	47.321	ng	99
26) 2-Nitrophenol	7.686	139	167962	44.122	ng	96
27) 2,4-Dimethylphenol	7.728	122	240235	54.020	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	355101	44.293	ng	100
29) 2,4-Dichlorophenol	7.933	162	265931	44.258	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	279282	42.682	ng	98
31) Naphthalene	8.092	128	902786	42.376	ng	100
32) Benzoic acid	7.875	122	198656	43.006	ng	99
33) 4-Chloroaniline	8.163	127	59323	7.976	ng	96
34) Hexachlorobutadiene	8.204	225	174561	44.438	ng	100
35) Caprolactam	8.516	113	91246m	49.876	ng	
36) 4-Chloro-3-methylphenol	8.639	107	287985	43.268	ng	99
37) 2-Methylnaphthalene	8.780	142	580667	41.885	ng	99
38) 1-Methylnaphthalene	8.880	142	560817	41.768	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	316298	48.051	ng	98
41) Hexachlorocyclopentadiene	8.933	237	324025	147.996	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	187318	44.029	ng	99

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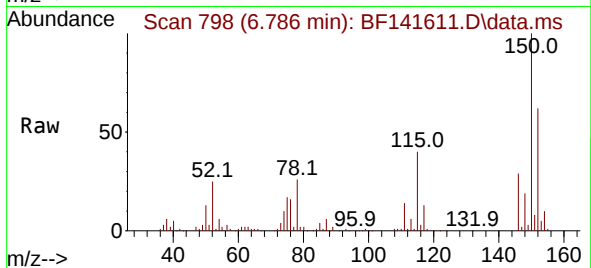
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	197107	42.749	ng	98
46) 1,1'-Biphenyl	9.245	154	841048	47.680	ng	99
47) 2-Chloronaphthalene	9.269	162	569838	43.686	ng	99
48) 2-Nitroaniline	9.375	65	186984	42.714	ng	95
49) Acenaphthylene	9.686	152	876939	45.200	ng	99
50) Dimethylphthalate	9.551	163	688882	44.599	ng	100
51) 2,6-Dinitrotoluene	9.616	165	150635	44.611	ng	97
52) Acenaphthene	9.857	154	558898	42.849	ng	99
53) 3-Nitroaniline	9.780	138	72899	20.059	ng	99
54) 2,4-Dinitrophenol	9.898	184	188248	93.804	ng	93
55) Dibenzofuran	10.027	168	801056	41.841	ng	100
56) 4-Nitrophenol	9.963	139	232540	86.195	ng	97
57) 2,4-Dinitrotoluene	10.022	165	203455	45.261	ng	97
58) Fluorene	10.374	166	638014	43.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	169281	42.644	ng	98
60) Diethylphthalate	10.251	149	663286	43.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	313592	44.034	ng	99
62) 4-Nitroaniline	10.404	138	151104	40.947	ng	97
63) Azobenzene	10.527	77	755940	50.036	ng	91
65) 4,6-Dinitro-2-methylph...	10.427	198	125909	45.417	ng	97
66) n-Nitrosodiphenylamine	10.486	169	557950	43.674	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	196500	44.054	ng	99
68) Hexachlorobenzene	10.922	284	203664	44.342	ng	99
69) Atrazine	11.016	200	210639	54.960	ng	99
70) Pentachlorophenol	11.121	266	236157	80.412	ng	99
71) Phenanthrene	11.333	178	1003747	45.691	ng	100
72) Anthracene	11.386	178	973595	44.087	ng	99
73) Carbazole	11.545	167	847562	42.654	ng	100
74) Di-n-butylphthalate	11.874	149	1056080	46.029	ng	100
75) Fluoranthene	12.521	202	1037428	44.543	ng	100
77) Benzidine	12.651	184	183799	30.902	ng	99
78) Pyrene	12.751	202	1045802	45.553	ng	100
80) Butylbenzylphthalate	13.368	149	414396	52.112	ng	99
81) Benzo(a)anthracene	13.939	228	825746	46.061	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	155035	30.190	ng	98
83) Chrysene	13.980	228	718634	43.414	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	550190	61.346	ng	100
85) Di-n-octyl phthalate	14.551	149	806534	63.038	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	646830	47.624	ng	99
88) Benzo(b)fluoranthene	14.992	252	662104	44.859	ng	100
89) Benzo(k)fluoranthene	15.015	252	568120	45.077	ng	100
90) Benzo(a)pyrene	15.351	252	570979	47.809	ng	100
91) Dibenzo(a,h)anthracene	16.862	278	517134	46.989	ng	99
92) Benzo(g,h,i)perylene	17.286	276	504001	43.762	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: BF141611.D
Acq: 13 Feb 2025 13:44

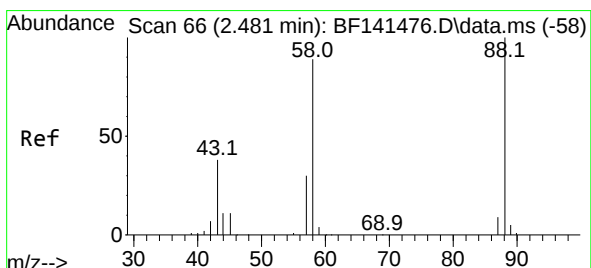
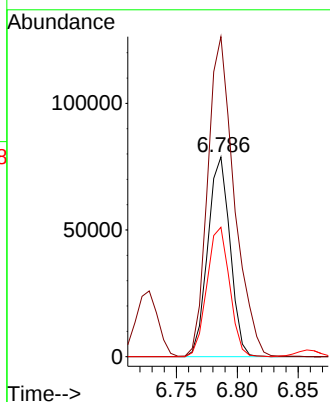
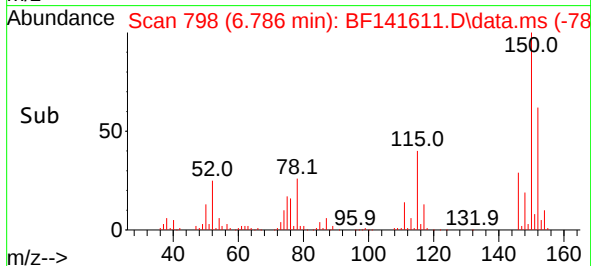
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:152 Resp: 10049
Ion Ratio Lower Upper
152 100
150 160.2 125.0 187.4
115 64.8 53.6 80.4

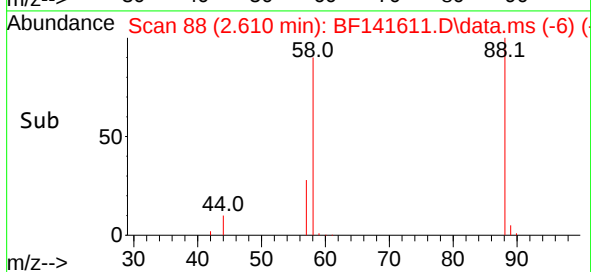
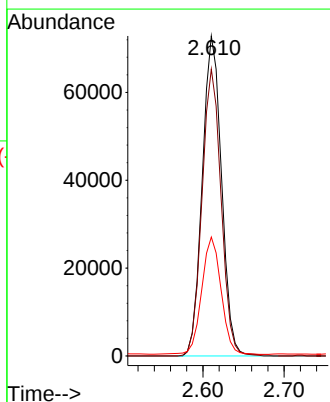
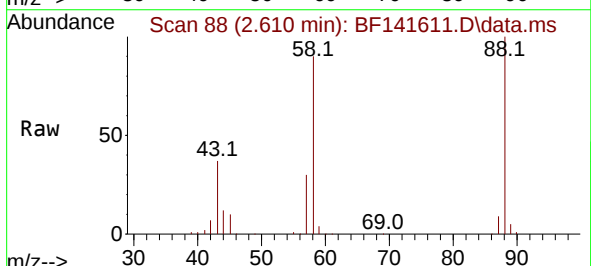
Manual Integrations
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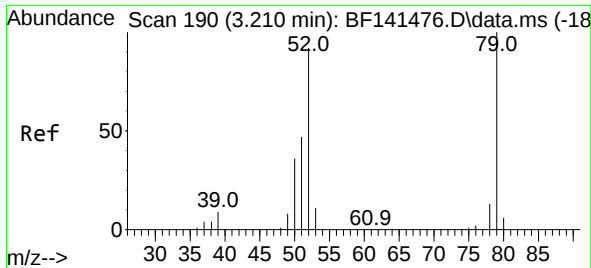
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#2
1,4-Dioxane
Concen: 46.524 ng
RT: 2.610 min Scan# 88
Delta R.T. 0.129 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

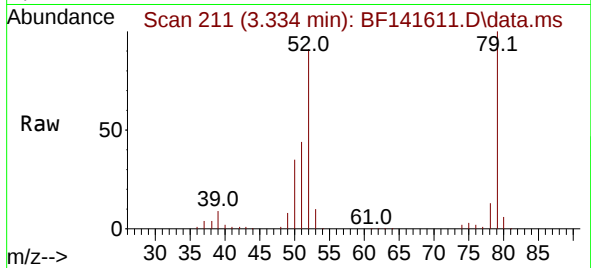
Tgt Ion: 88 Resp: 120025
Ion Ratio Lower Upper
88 100
58 88.7 71.1 106.7
43 37.0 30.6 46.0





#3
Pyridine
Concen: 40.704 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

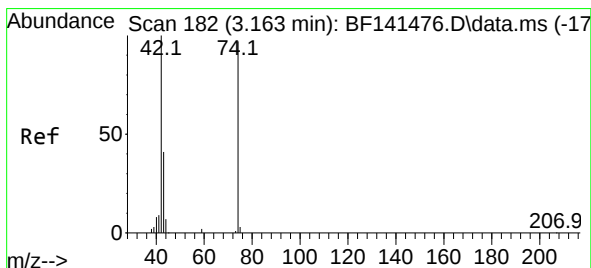
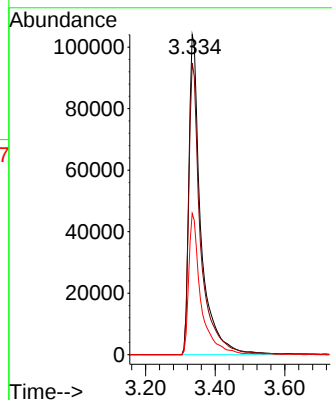
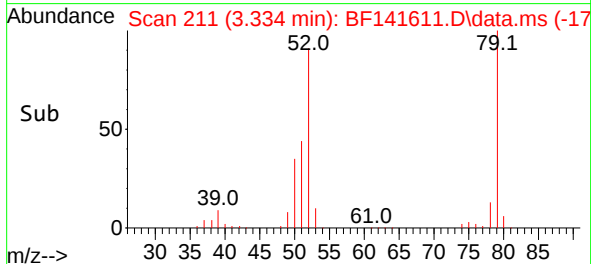
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



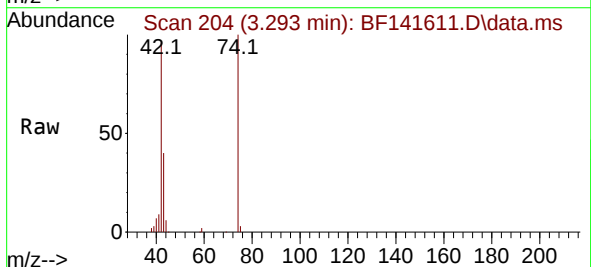
Tgt Ion: 79 Resp: 24988
Ion Ratio Lower Upper
79 100
52 91.1 73.7 110.5
51 44.1 37.5 56.3

Manual Integrations
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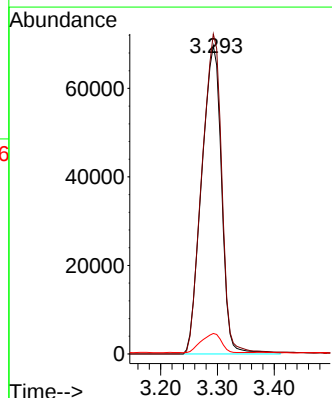
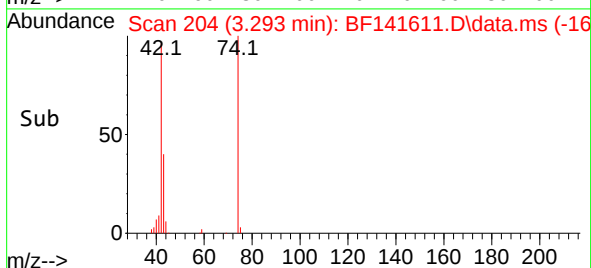
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#4
n-Nitrosodimethylamine
Concen: 41.634 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.106 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



Tgt Ion: 42 Resp: 169239
Ion Ratio Lower Upper
42 100
74 103.8 78.0 117.0
44 6.6 5.4 8.2





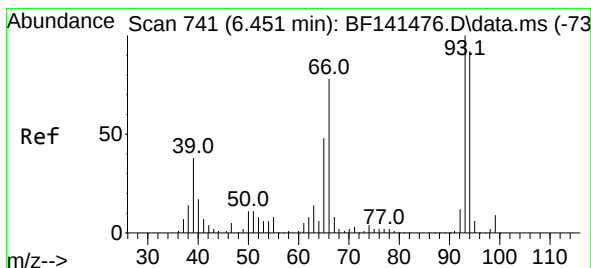
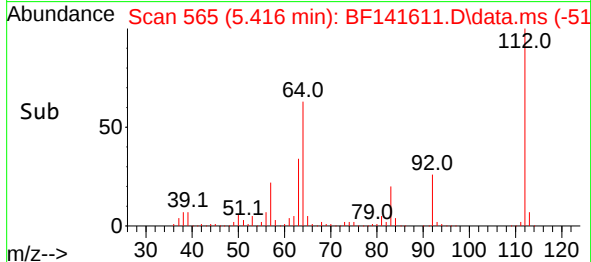
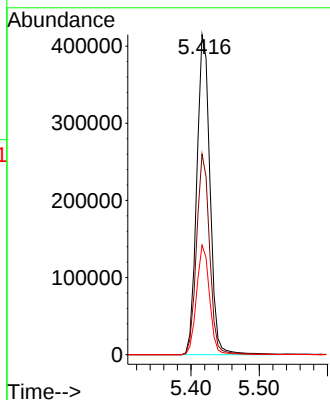
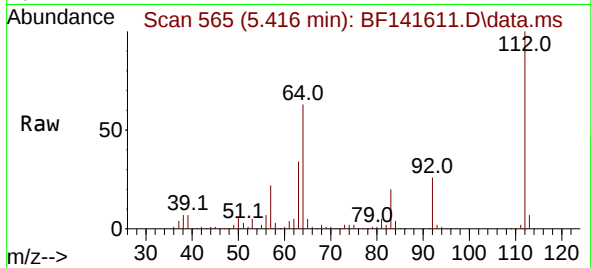
#5
2-Fluorophenol
Concen: 87.132 ng
RT: 5.416 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Instrument :
BNA_F
ClientSampleId :
WC-13MSD

Tgt Ion:112 Resp: 558510
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 34.2 28.4 42.6

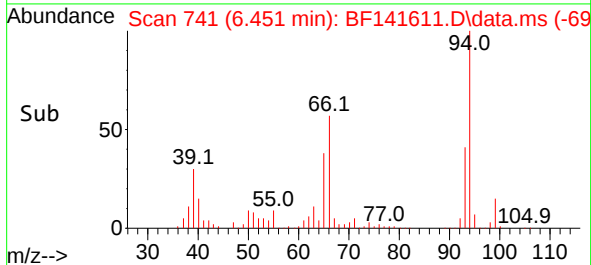
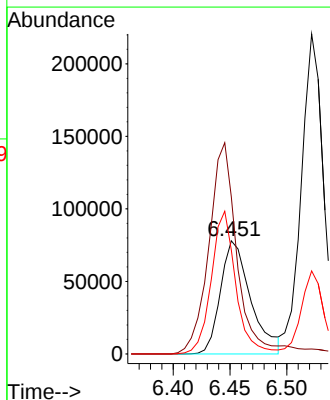
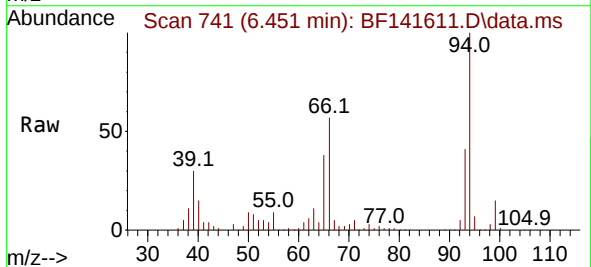
Manual Integrations
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#6
Aniline
Concen: 19.063 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion: 93 Resp: 144876
Ion Ratio Lower Upper
93 100
66 138.9 62.6 94.0#
65 91.9 38.3 57.5#





#7

Phenol-d6

Concen: 87.793 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141611.D

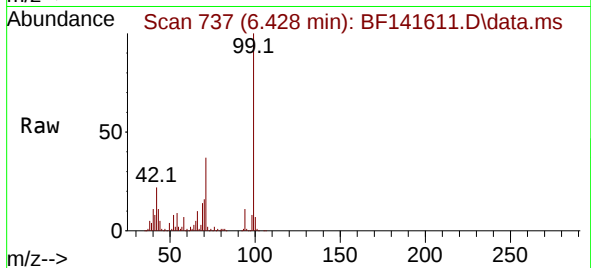
Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD



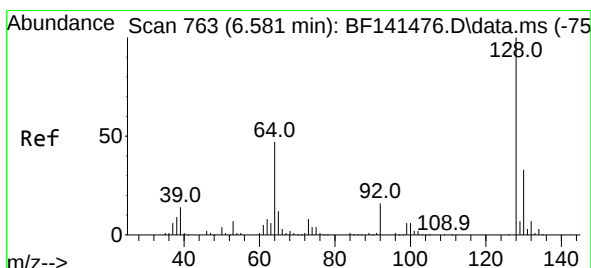
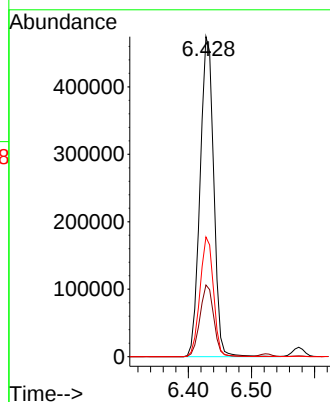
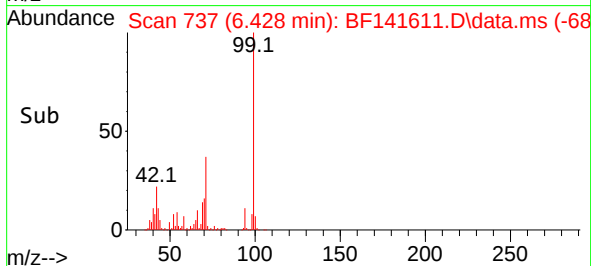
Tgt Ion:	99	Resp:	711264
Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	37.4	31.1	46.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.324 ng

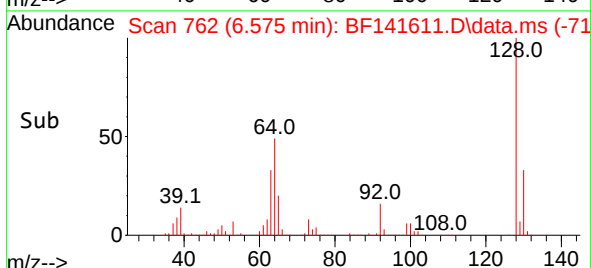
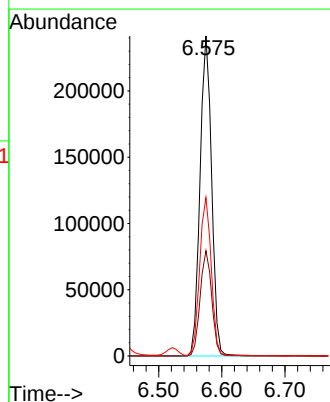
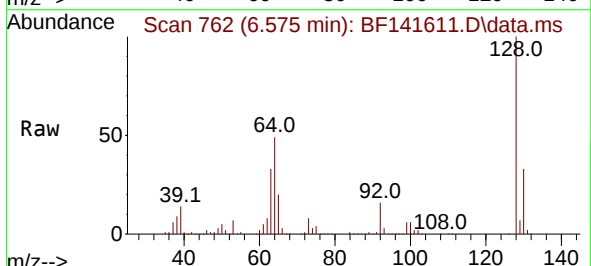
RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

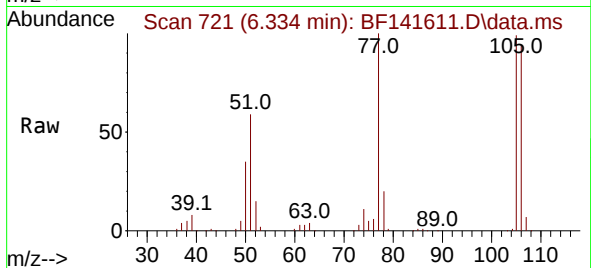
Tgt Ion:	128	Resp:	306993
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	49.5	28.3	68.3





#9
Benzaldehyde
Concen: 39.357 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

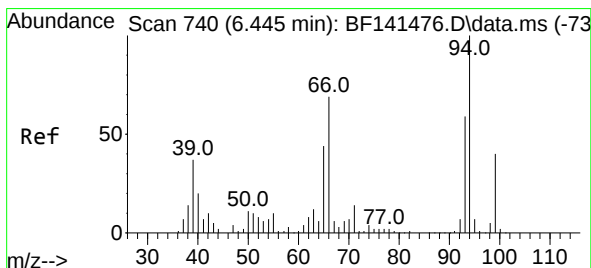
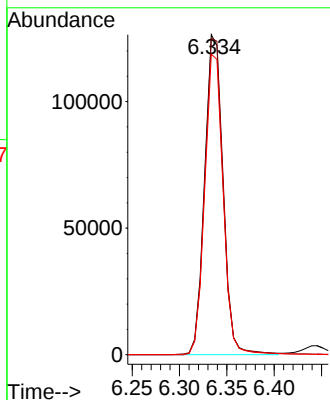
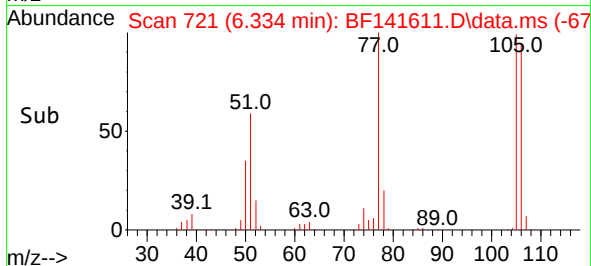
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion: 77 Resp: 16944
Ion Ratio Lower Upper
77 100
105 98.9 79.4 119.4
106 93.9 75.1 115.1

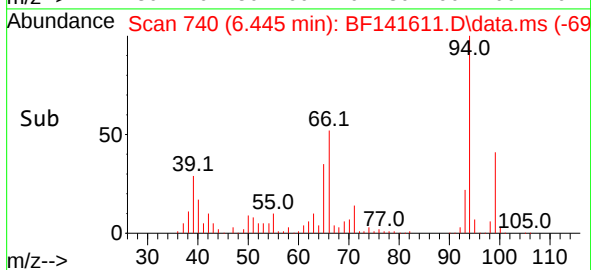
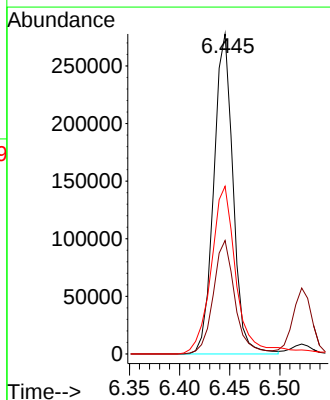
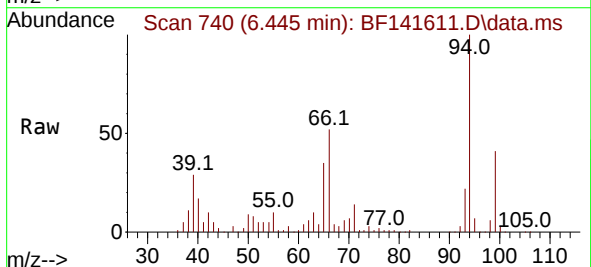
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Supervised By :mohammad ahmed 02/15/2025



#10
Phenol
Concen: 44.037 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

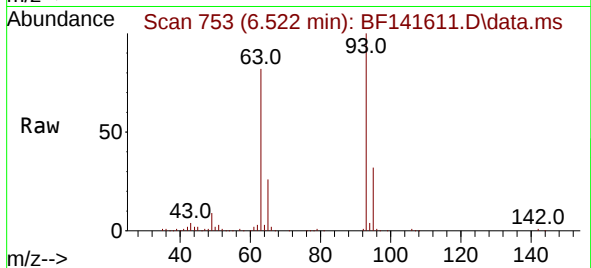
Tgt Ion: 94 Resp: 371331
Ion Ratio Lower Upper
94 100
65 35.4 23.7 63.7
66 52.4 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 44.888 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

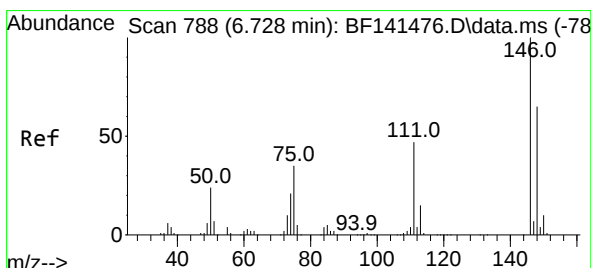
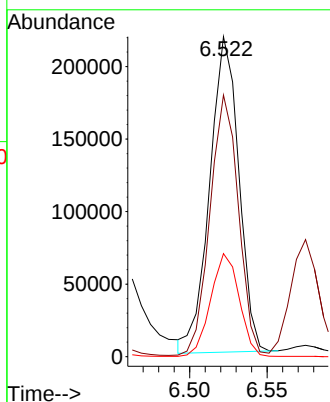
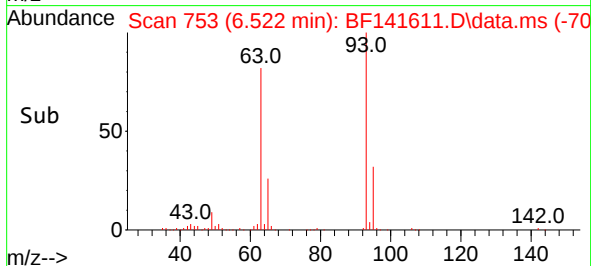
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion: 93 Resp: 284290
Ion Ratio Lower Upper
93 100
63 81.8 62.0 102.0
95 32.2 12.6 52.6

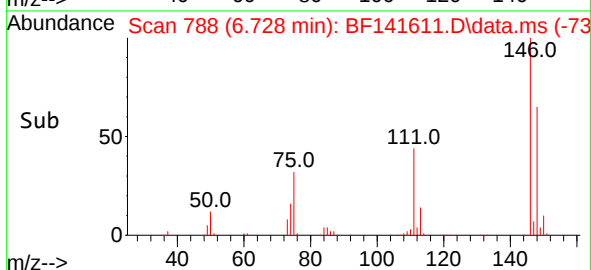
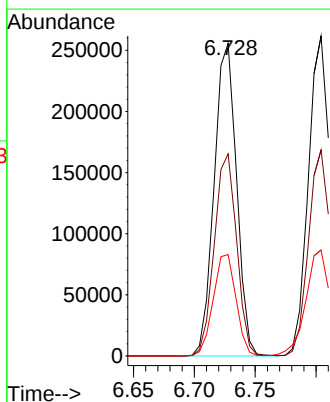
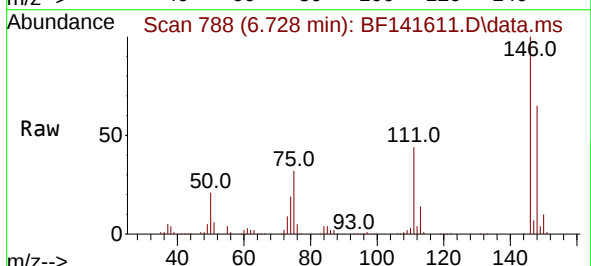
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#12
1,3-Dichlorobenzene
Concen: 44.792 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:146 Resp: 327521
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.806 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

Tgt Ion:146 Resp: 327269

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

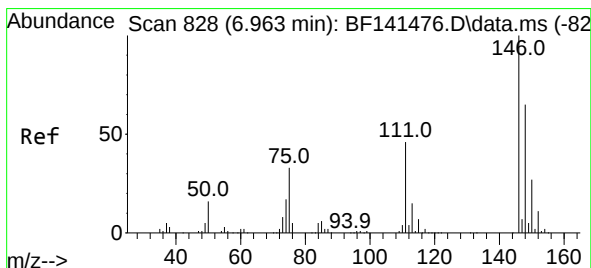
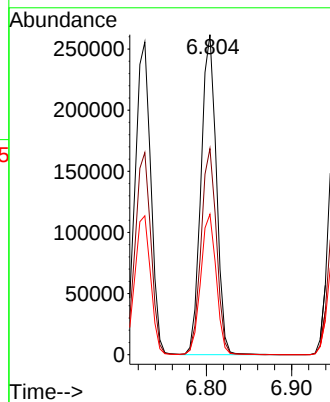
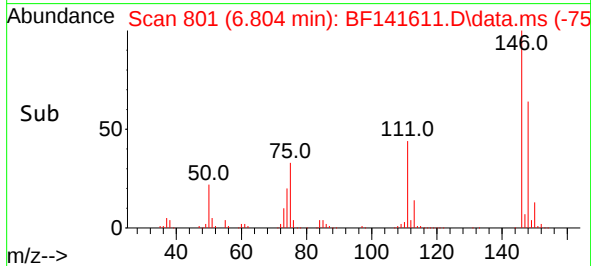
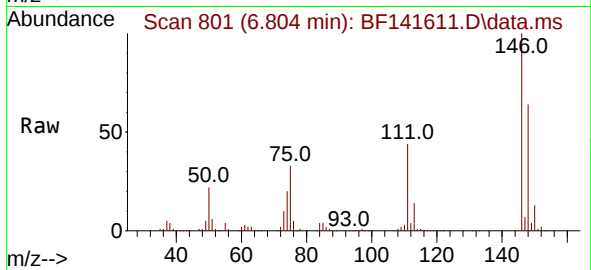
111 43.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#14

1,2-Dichlorobenzene

Concen: 45.667 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

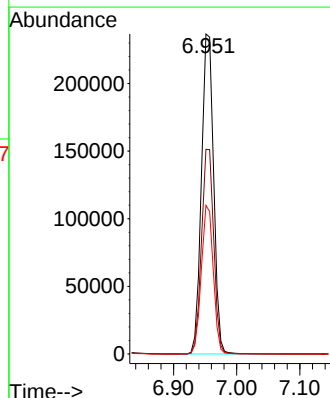
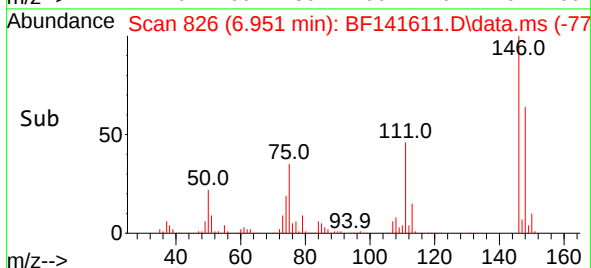
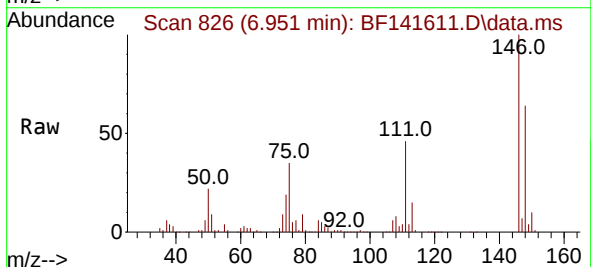
Tgt Ion:146 Resp: 316646

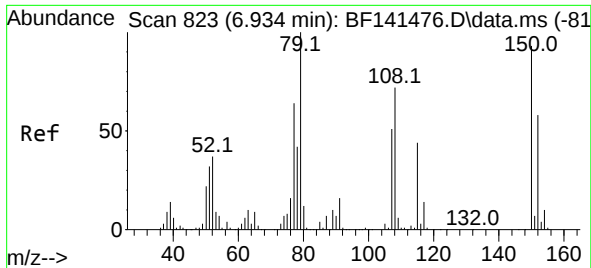
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

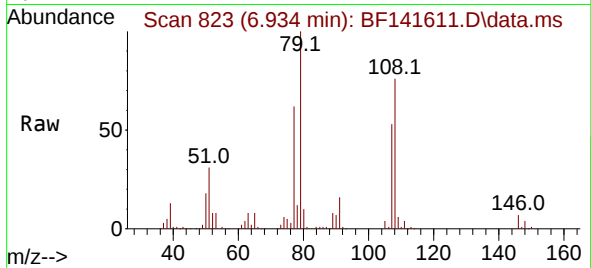
111 46.4 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.937 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

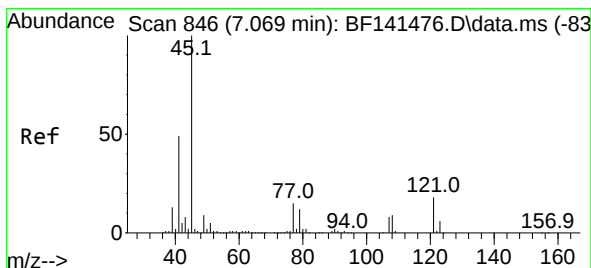
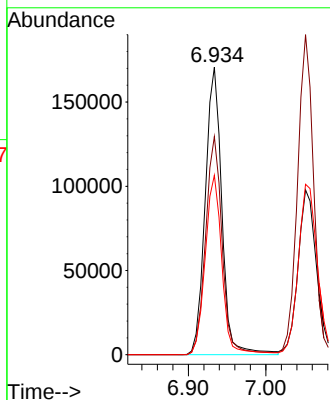
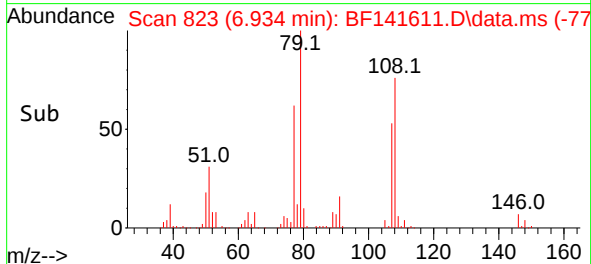
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



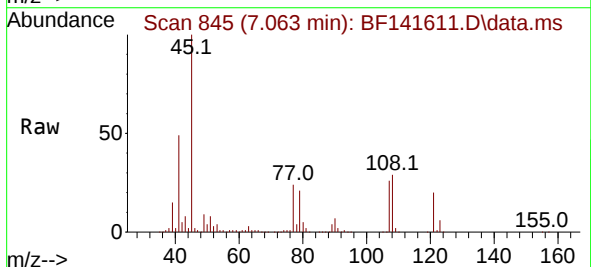
Tgt Ion: 79 Resp: 254329
Ion Ratio Lower Upper
79 100
108 75.8 57.4 86.2
77 62.4 50.9 76.3

Manual Integrations
APPROVED

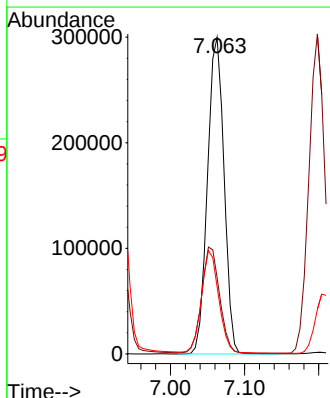
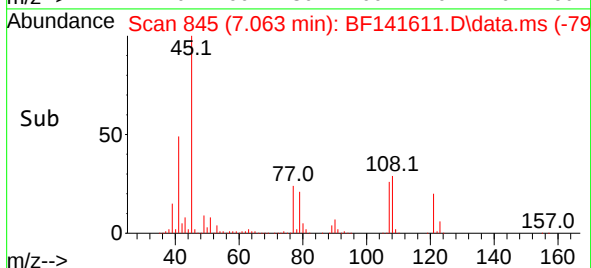
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

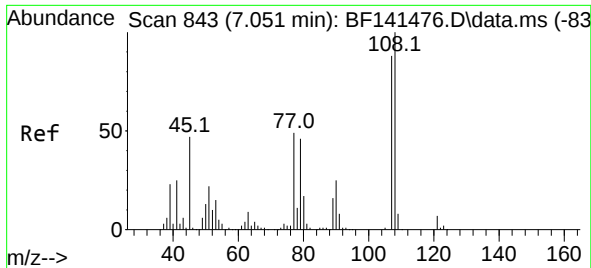


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.857 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



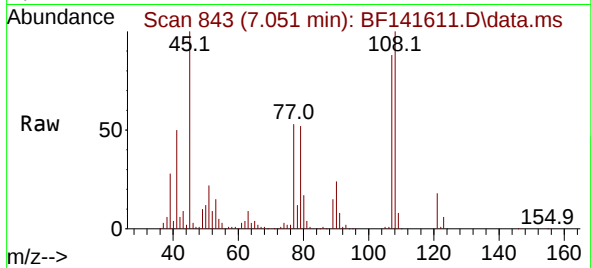
Tgt Ion: 45 Resp: 464645
Ion Ratio Lower Upper
45 100
77 24.1 0.0 35.8
79 21.3 0.0 32.7





#17
2-Methylphenol
Concen: 44.010 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

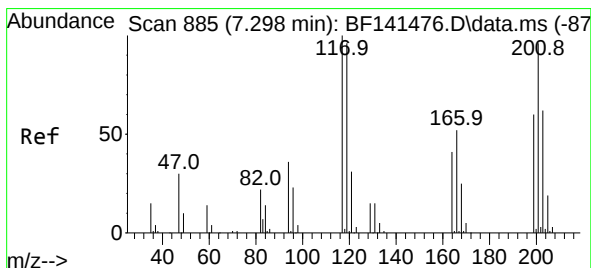
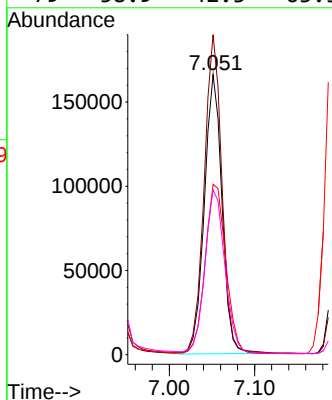
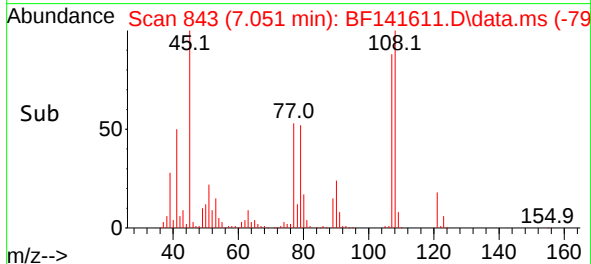
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:107 Resp: 23854
Ion Ratio Lower Upper
107 100
108 114.3 90.6 136.0
77 60.9 44.4 66.6
79 58.9 42.3 63.5

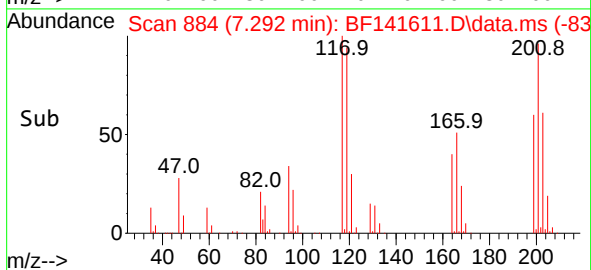
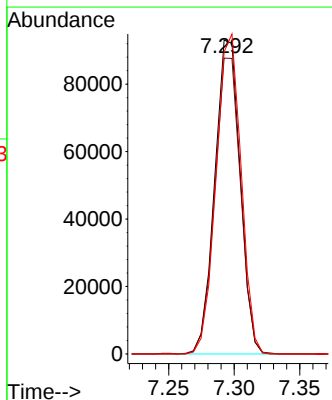
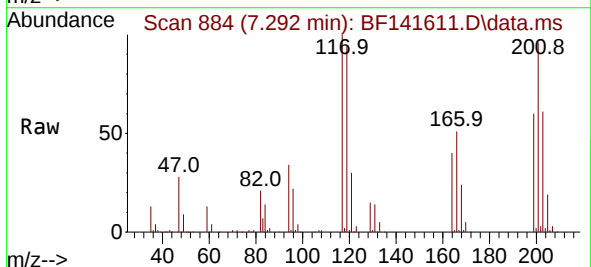
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#18
Hexachloroethane
Concen: 45.500 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

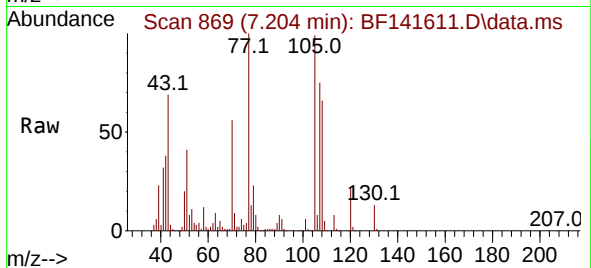
Tgt Ion:117 Resp: 125801
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7
201 96.2 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.404 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

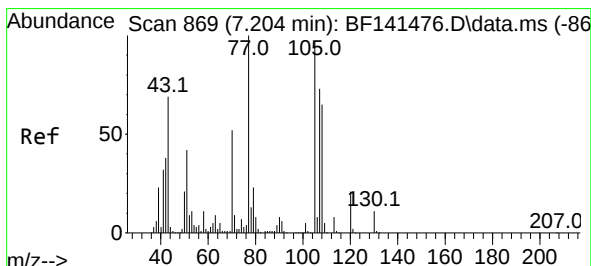
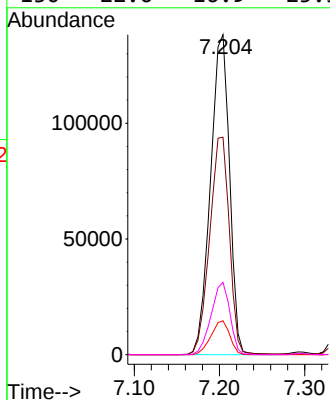
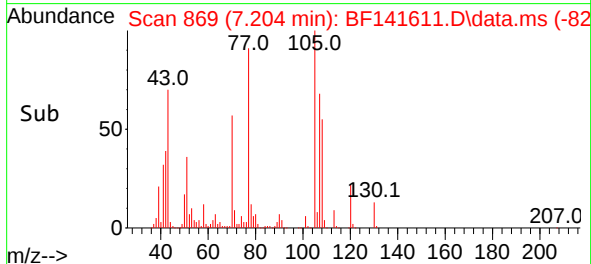
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



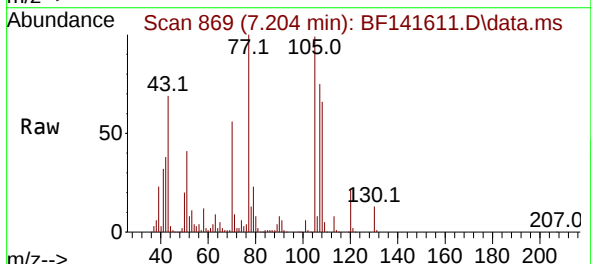
Tgt Ion: 70 Resp: 21518
Ion Ratio Lower Upper
70 100
42 68.0 57.4 86.2
101 10.6 8.0 12.0
130 22.6 16.9 25.3

Manual Integrations
APPROVED

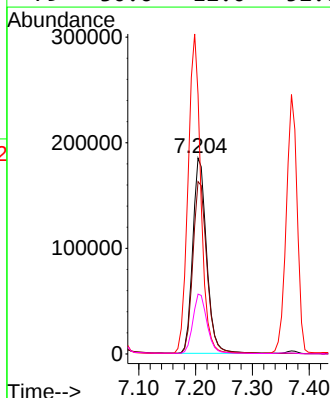
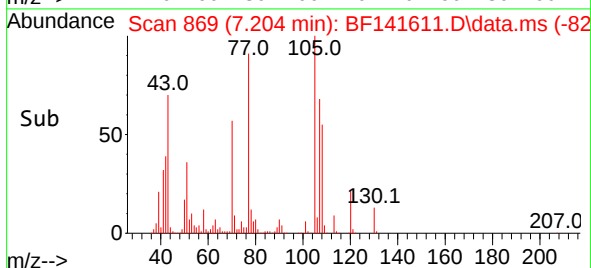
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

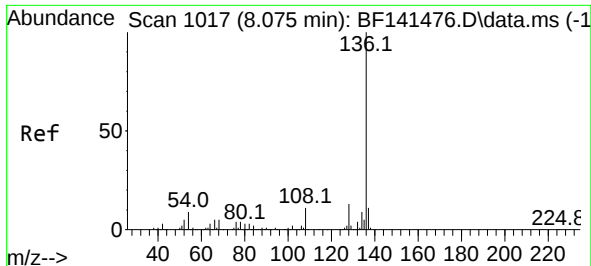


#20
3+4-Methylphenols
Concen: 45.595 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



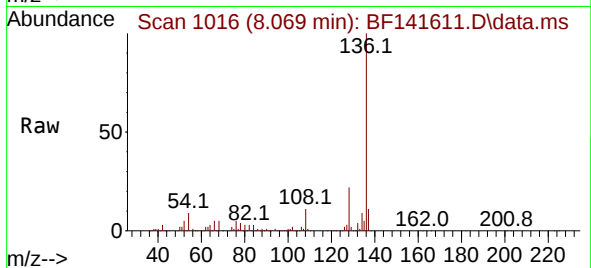
Tgt Ion:107 Resp: 314070
Ion Ratio Lower Upper
107 100
108 88.0 68.5 108.5
77 132.5 116.5 156.5
79 30.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

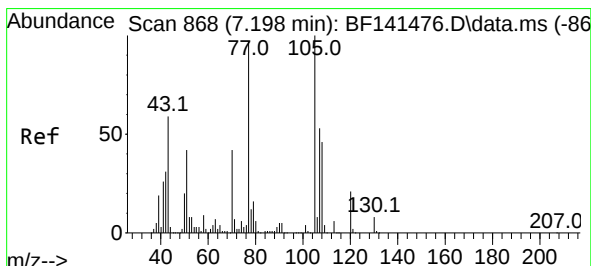
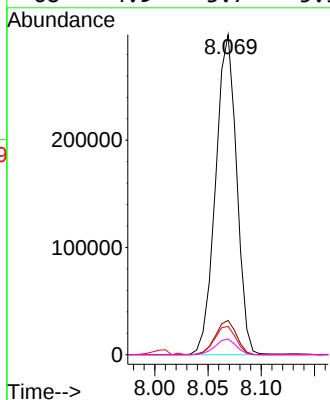
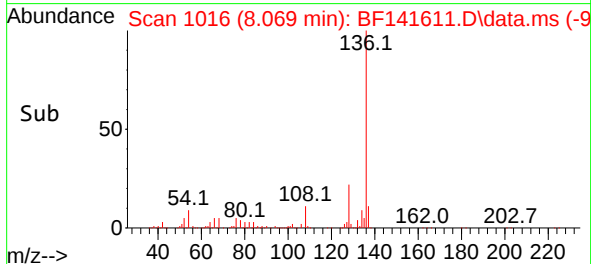
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



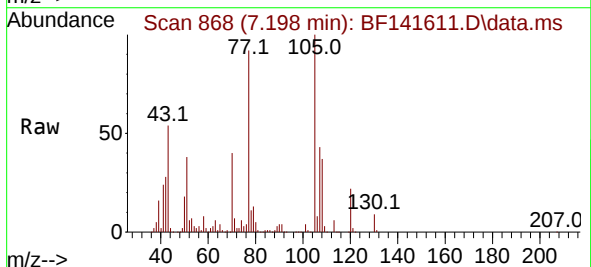
Tgt Ion:136 Resp: 409269
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.2 10.8
68 4.9 3.7 5.5

Manual Integrations
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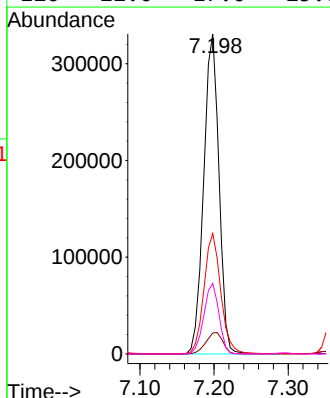
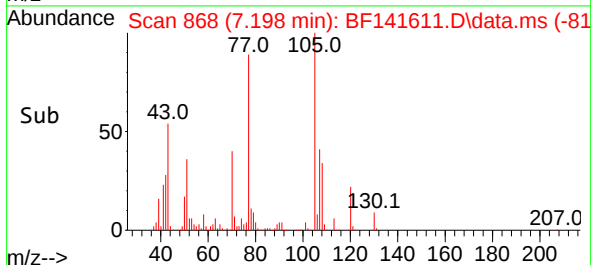
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#22
Acetophenone
Concen: 46.686 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



Tgt Ion:105 Resp: 475296
Ion Ratio Lower Upper
105 100
71 6.6 5.7 8.5
51 37.6 33.7 50.5
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 60.068 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

Tgt Ion: 82 Resp: 471330

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

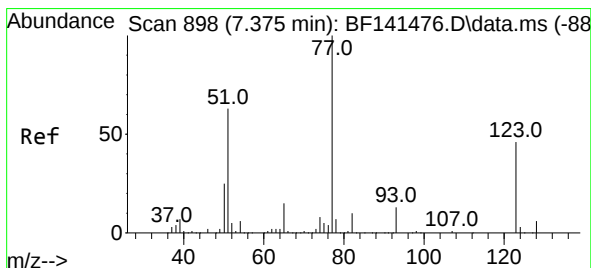
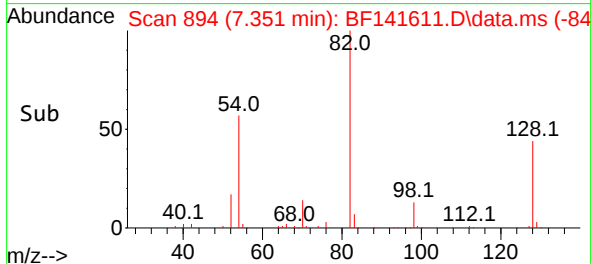
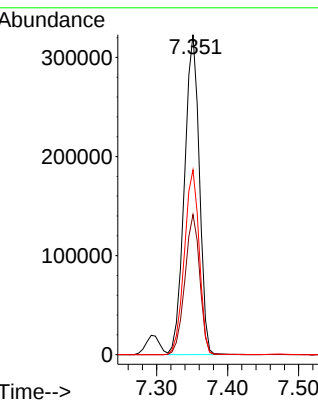
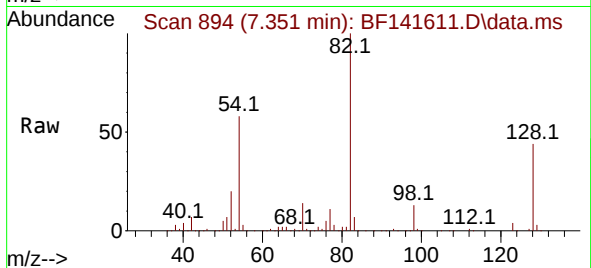
54 57.8 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#24

Nitrobenzene

Concen: 42.444 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

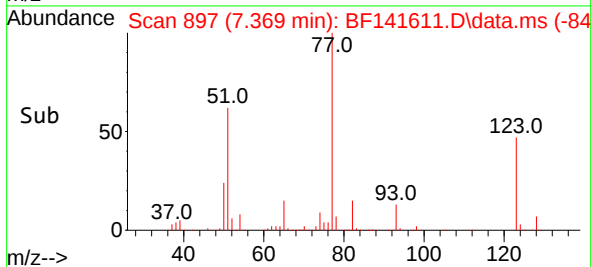
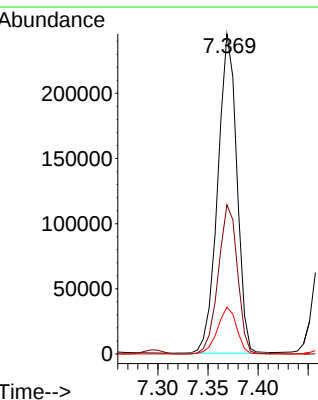
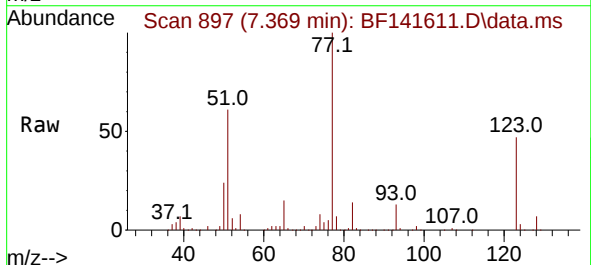
Tgt Ion: 77 Resp: 324758

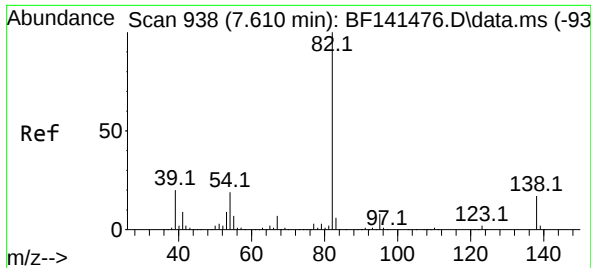
Ion Ratio Lower Upper

77 100

123 46.6 36.9 55.3

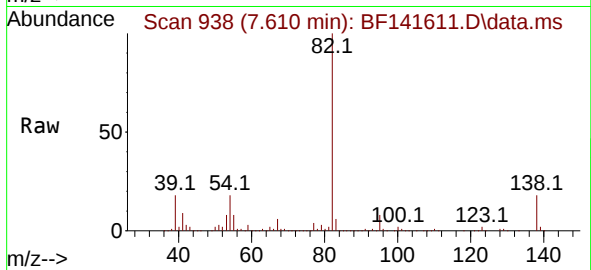
65 14.6 11.9 17.9





#25
Isophorone
Concen: 47.321 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

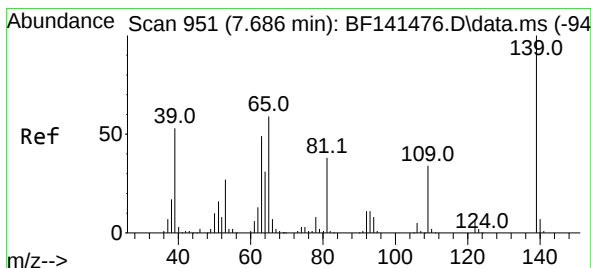
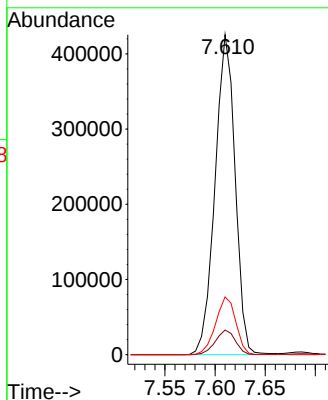
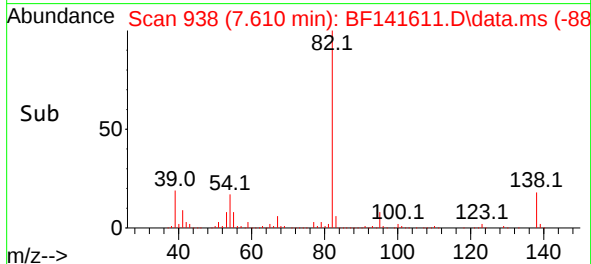
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



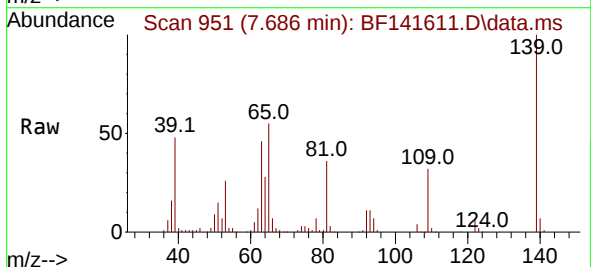
Tgt Ion: 82 Resp: 592050
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.0 13.9 20.9

Manual Integrations
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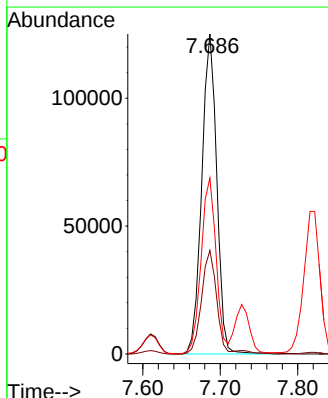
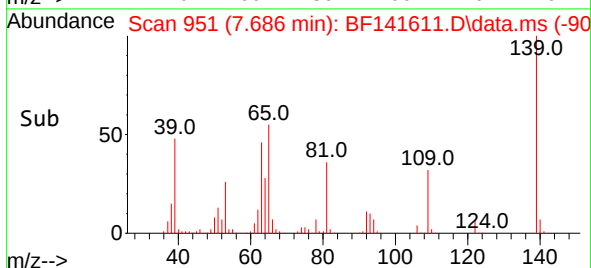
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#26
2-Nitrophenol
Concen: 44.122 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



Tgt Ion:139 Resp: 167962
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 55.0 47.1 70.7





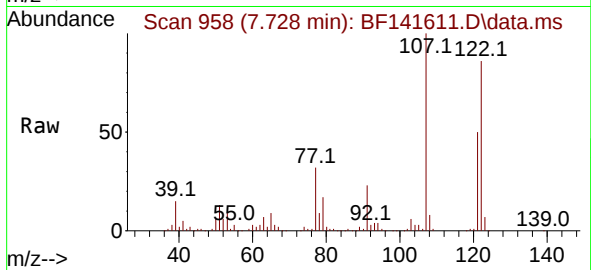
#27
2,4-Dimethylphenol
Concen: 54.020 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

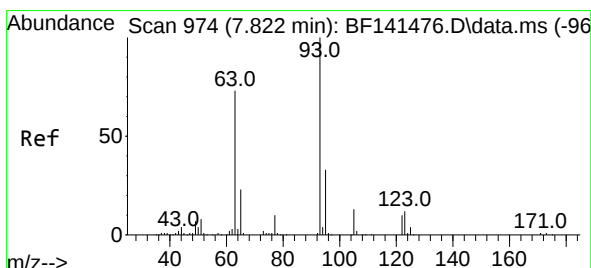
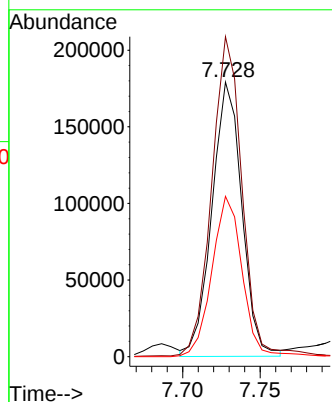
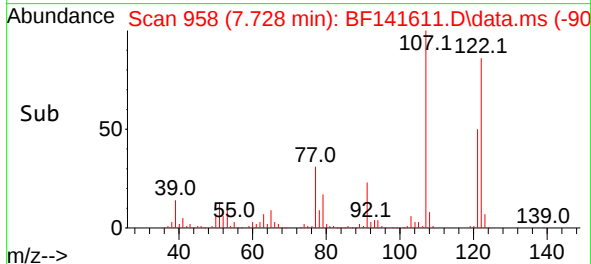


Tgt Ion:122 Resp: 240235
Ion Ratio Lower Upper
122 100
107 116.6 94.3 141.5
121 58.4 46.0 69.0

Manual Integrations

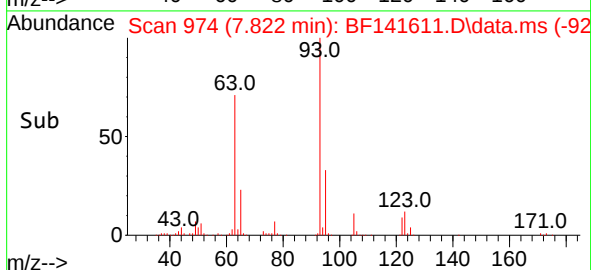
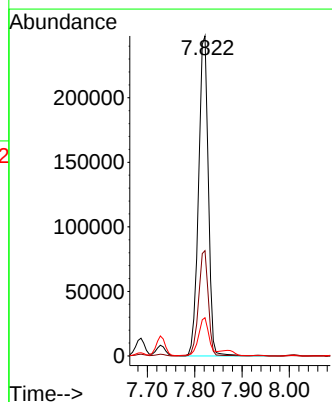
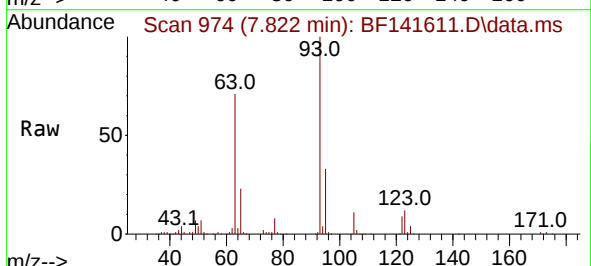
APPROVED

Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.293 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion: 93 Resp: 355101
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.258 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141611.D

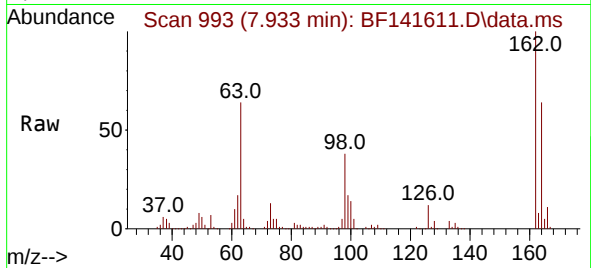
Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD



Tgt Ion:162 Resp: 26593

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

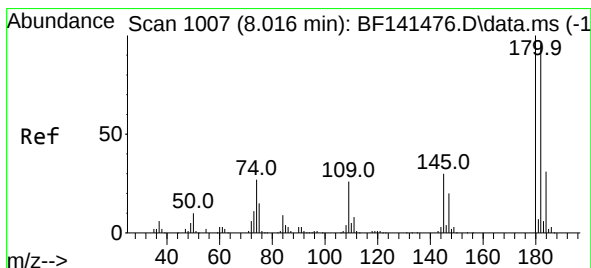
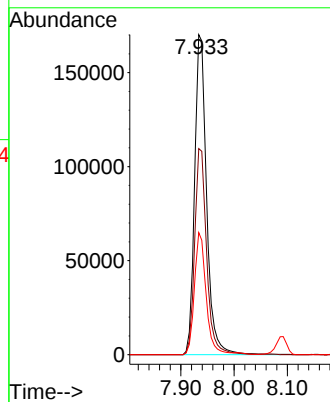
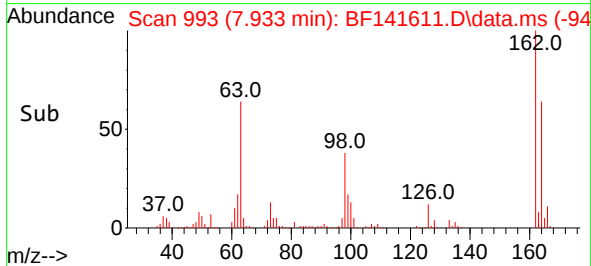
98 38.2 17.2 57.2

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.682 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

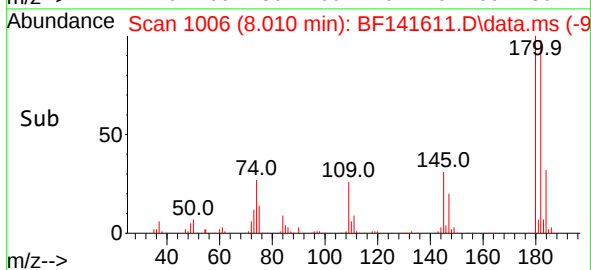
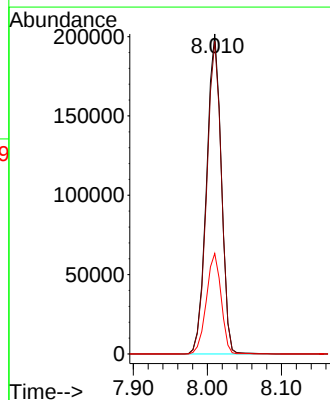
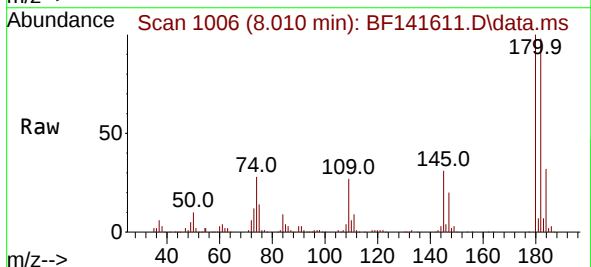
Tgt Ion:180 Resp: 279282

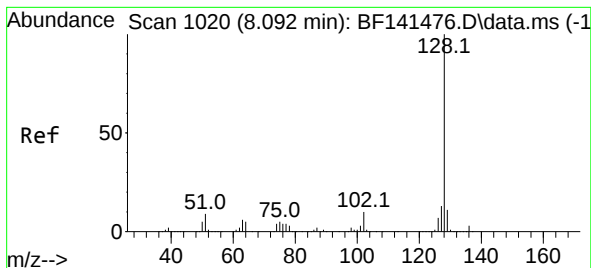
Ion Ratio Lower Upper

180 100

182 97.7 76.8 115.2

145 31.4 24.2 36.4





#31

Naphthalene

Concen: 42.376 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

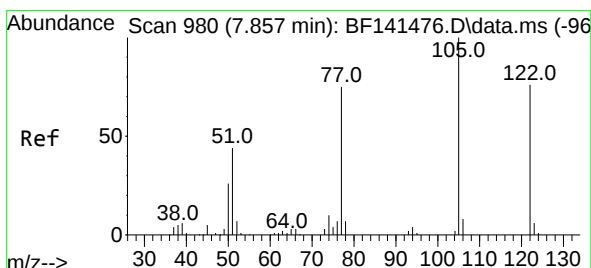
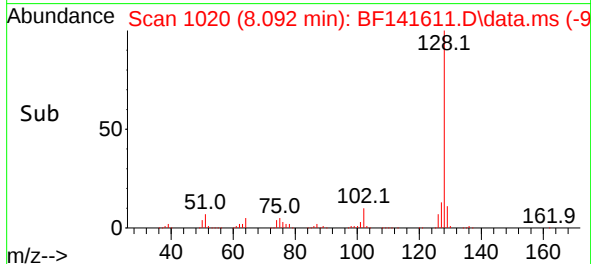
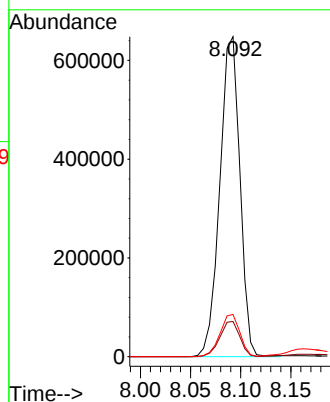
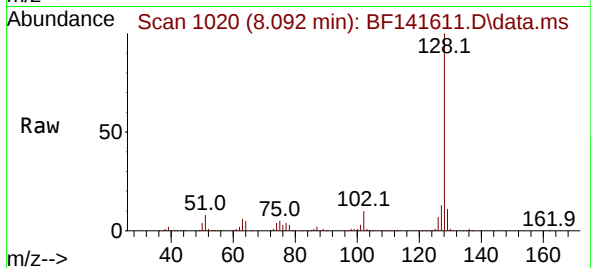
WC-13MSD

Tgt Ion:128 Resp: 902780
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.2 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025



#32

Benzoic acid

Concen: 43.006 ng

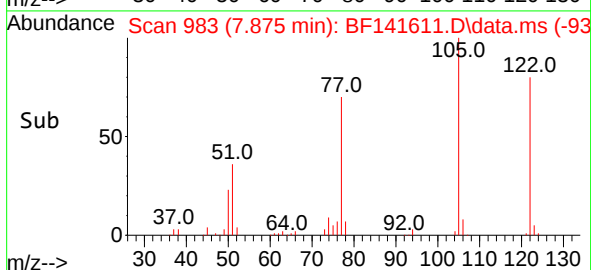
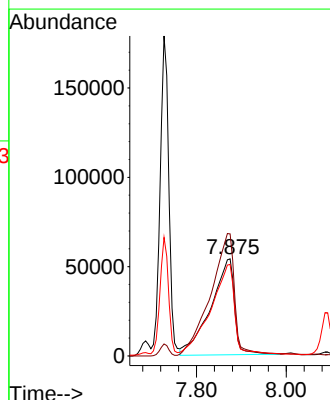
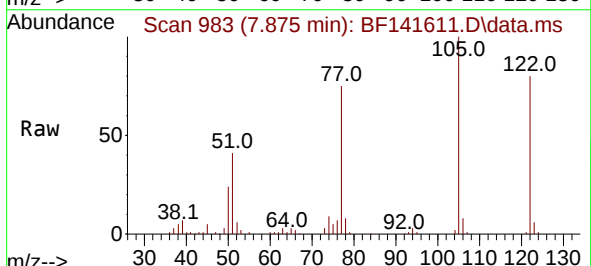
RT: 7.875 min Scan# 983

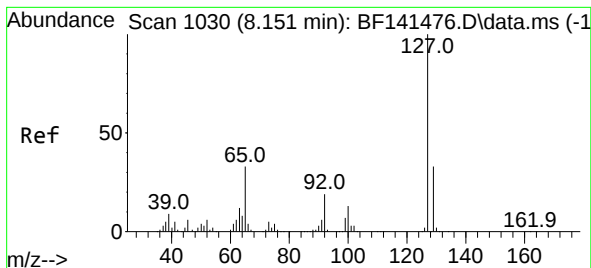
Delta R.T. -0.018 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Tgt Ion:122 Resp: 198656
 Ion Ratio Lower Upper
 122 100
 105 125.6 106.5 146.5
 77 94.2 76.3 116.3





#33

4-Chloroaniline

Concen: 7.976 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

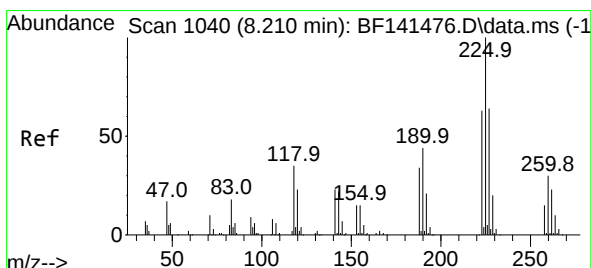
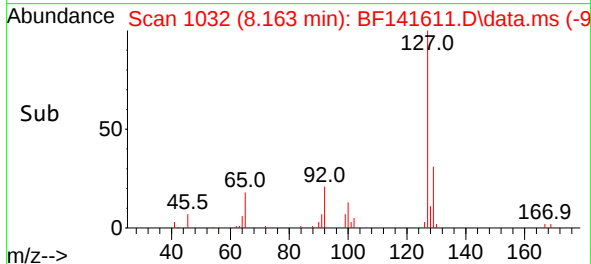
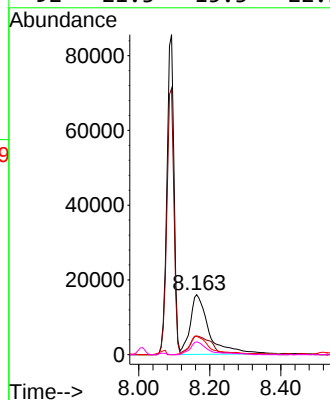
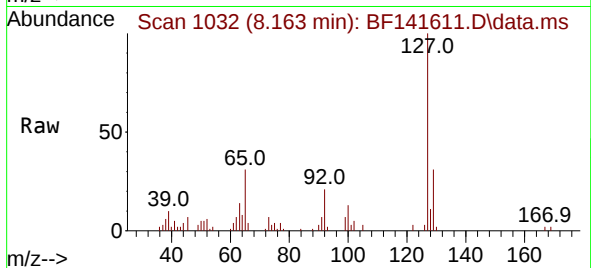
Tgt Ion:	127	Resp:	5932
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.5	39.7
65	30.7	26.4	39.6
92	21.3	15.3	22.9

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#34

Hexachlorobutadiene

Concen: 44.438 ng

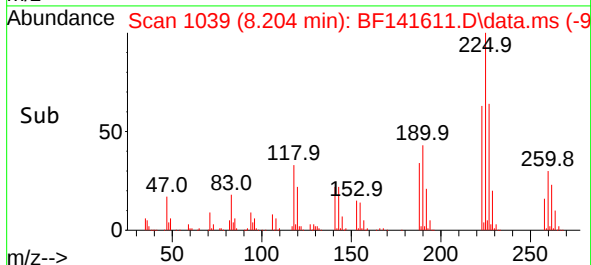
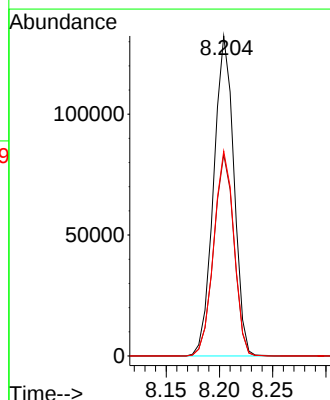
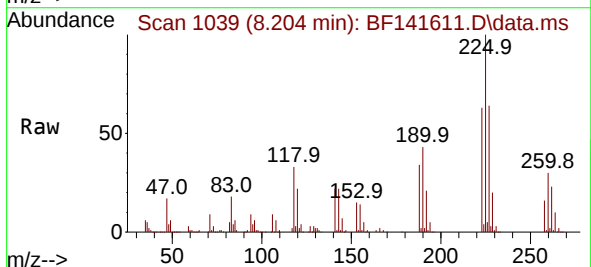
RT: 8.204 min Scan# 1039

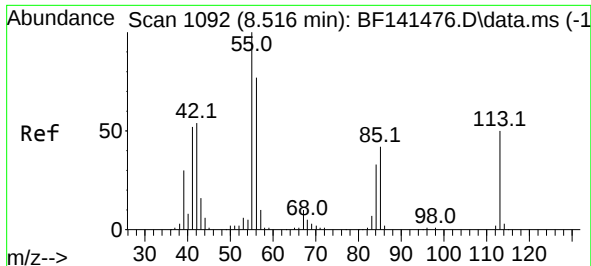
Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

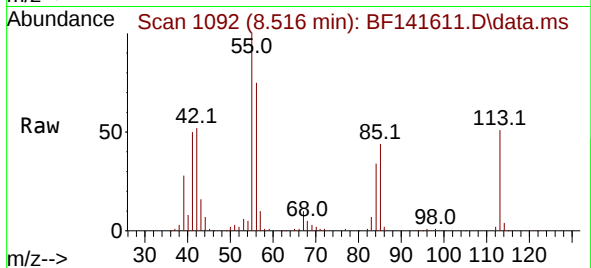
Tgt Ion:	225	Resp:	174561
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.1	75.1
227	64.0	51.0	76.6





#35
Caprolactam
Concen: 49.876 ng m
RT: 8.516 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

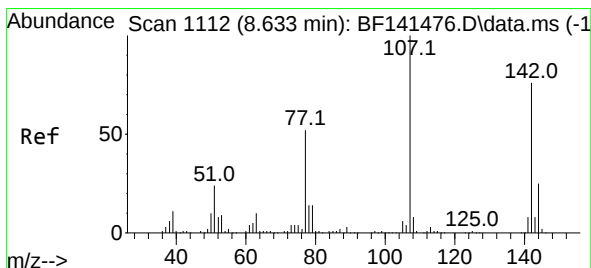
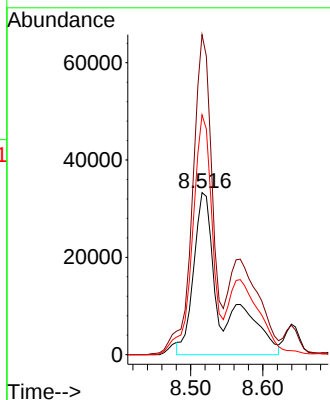
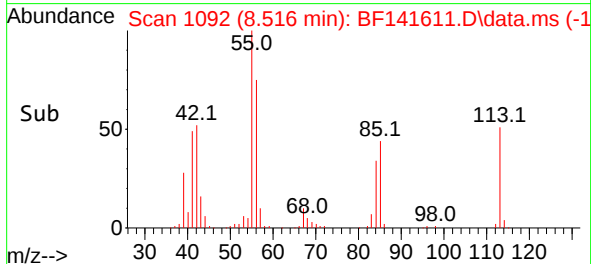
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:113 Resp: 91240
Ion Ratio Lower Upper
113 100
55 197.5 180.8 220.8
56 148.0 133.6 173.6

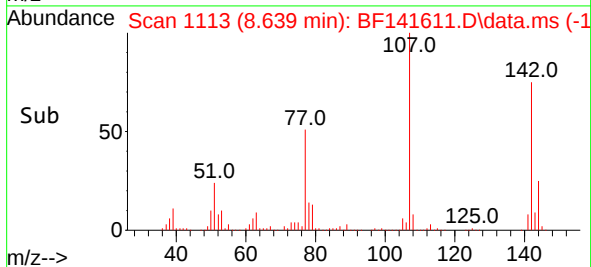
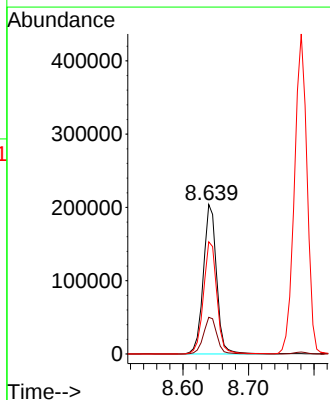
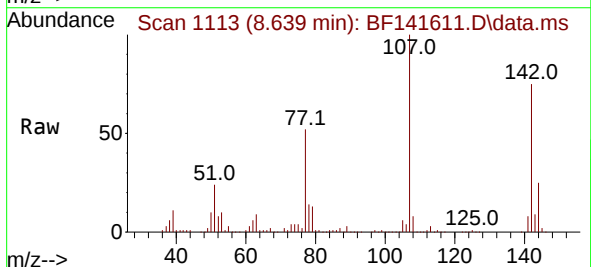
Manual Integrations
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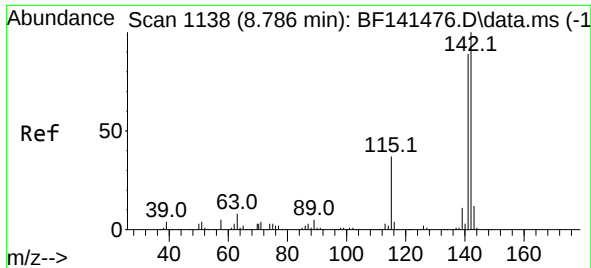
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#36
4-Chloro-3-methylphenol
Concen: 43.268 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:107 Resp: 287985
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 75.1 60.8 91.2





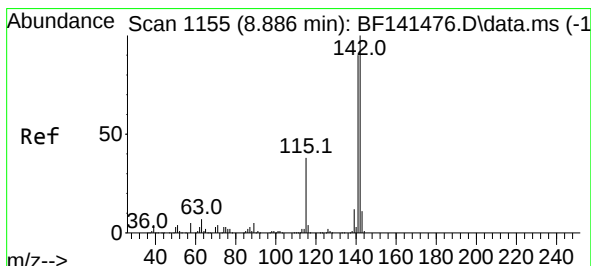
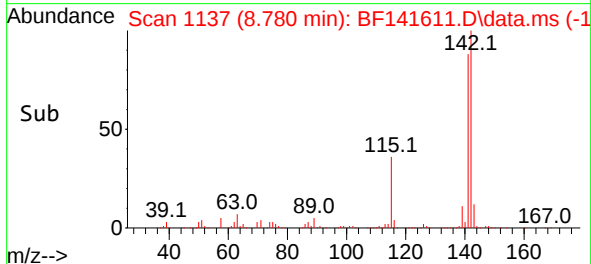
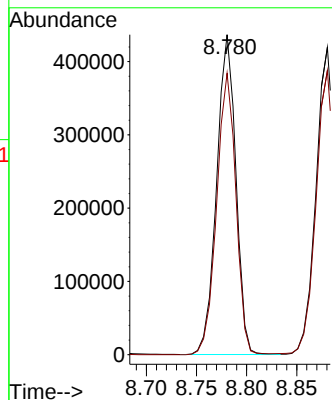
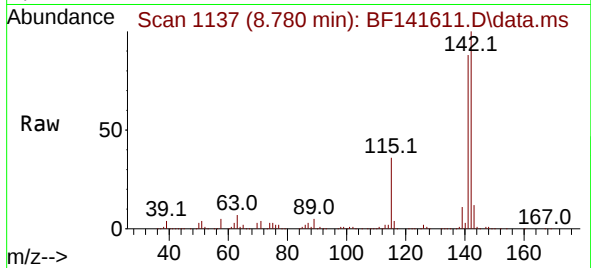
#37
2-Methylnaphthalene
Concen: 41.885 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Instrument :
BNA_F
ClientSampleId :
WC-13MSD

Tgt Ion:142 Resp: 58066
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

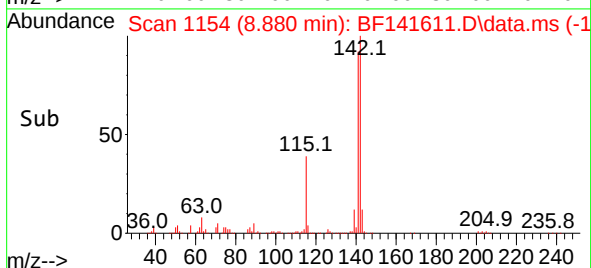
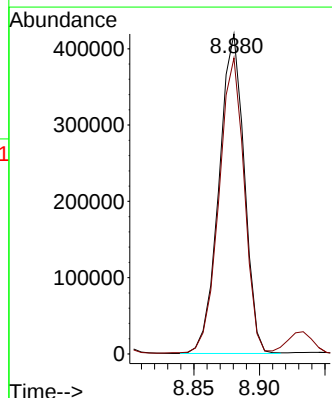
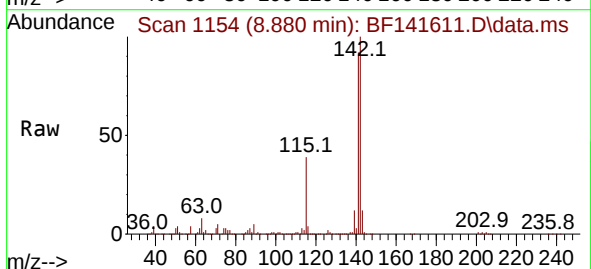
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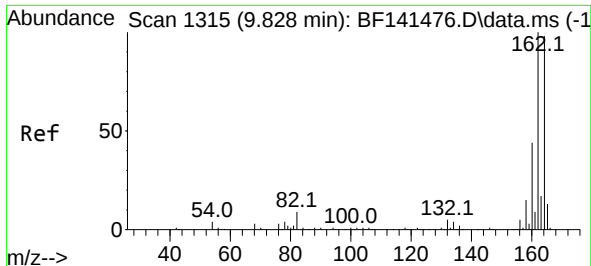
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#38
1-Methylnaphthalene
Concen: 41.768 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

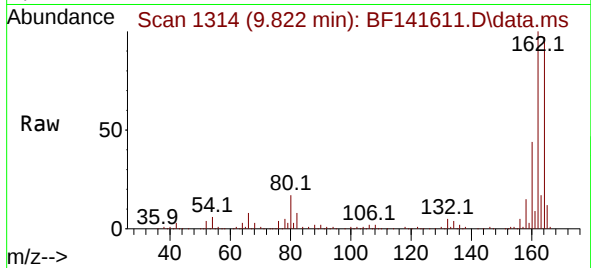
Tgt Ion:142 Resp: 560817
Ion Ratio Lower Upper
142 100
141 92.5 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

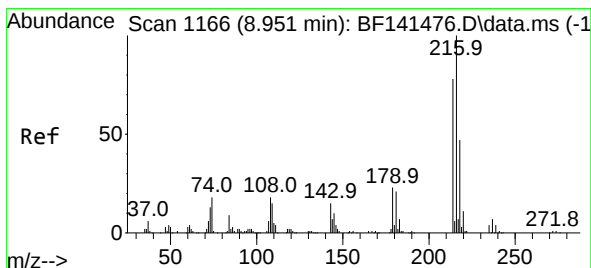
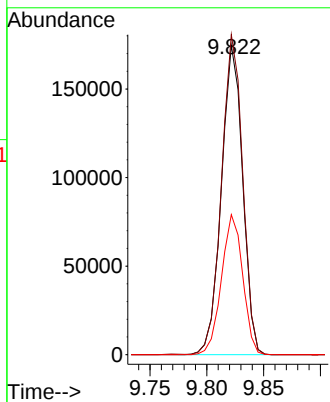
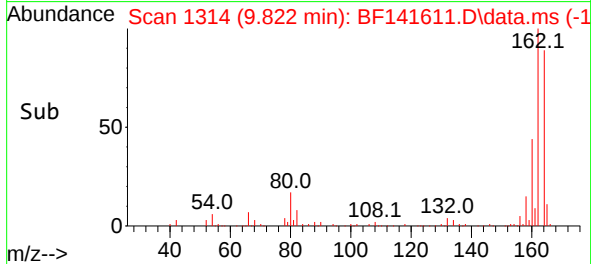
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:164 Resp: 227529
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.2 35.9 53.9

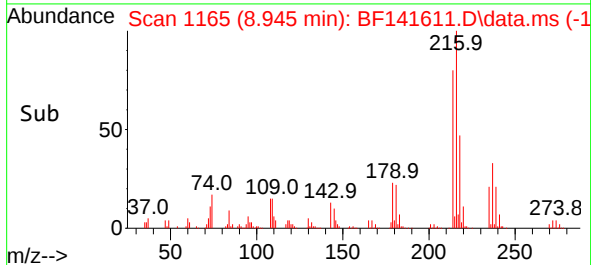
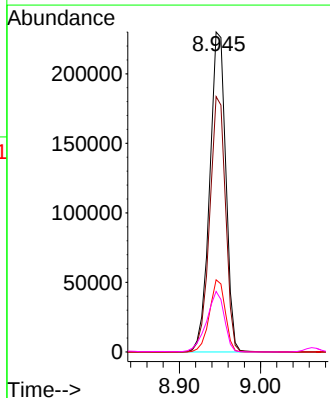
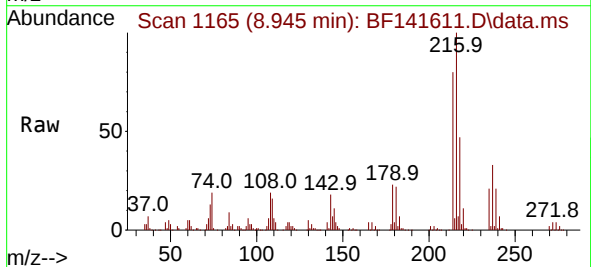
Manual Integrations
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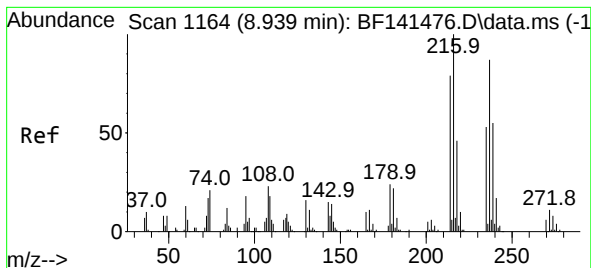
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.051 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:216 Resp: 316298
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.1 18.0 27.0
108 20.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 147.996 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

Tgt Ion:237 Resp: 32402

Ion Ratio Lower Upper

237 100

235 63.5 41.4 81.4

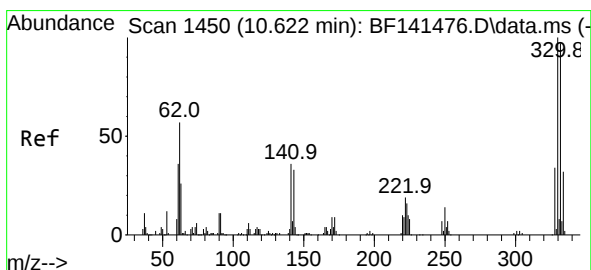
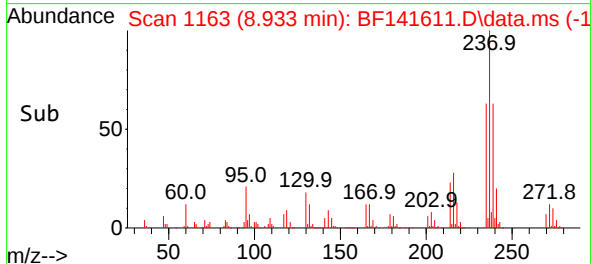
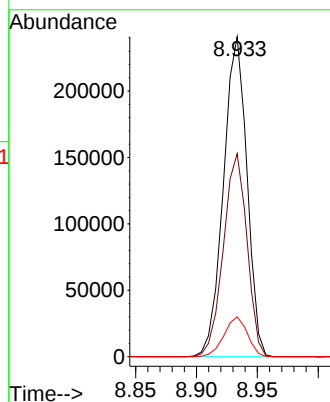
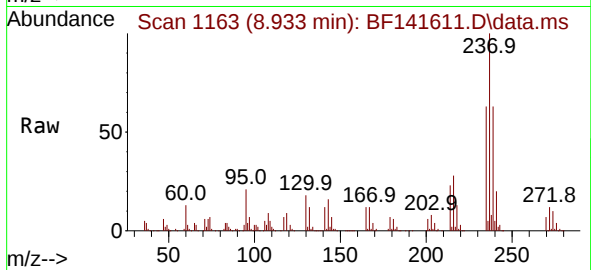
272 12.5 0.0 32.4

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#42

2,4,6-Tribromophenol

Concen: 93.903 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

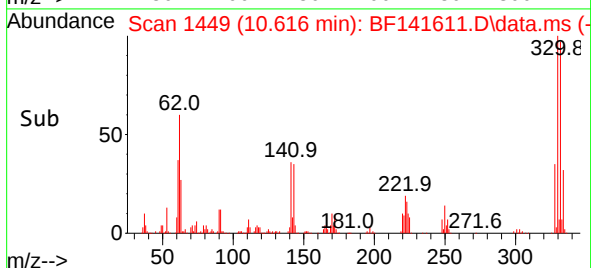
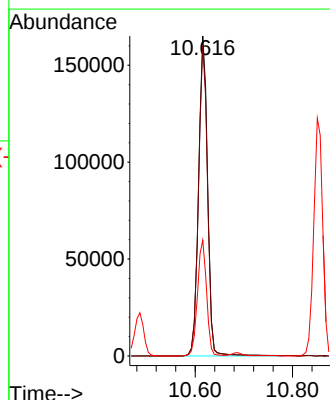
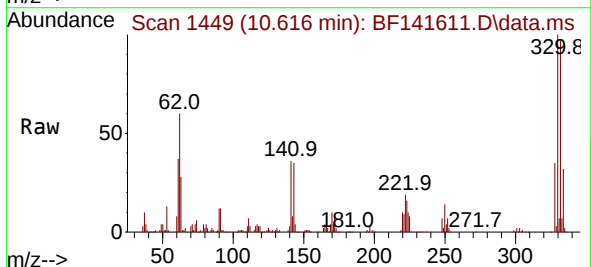
Tgt Ion:330 Resp: 214623

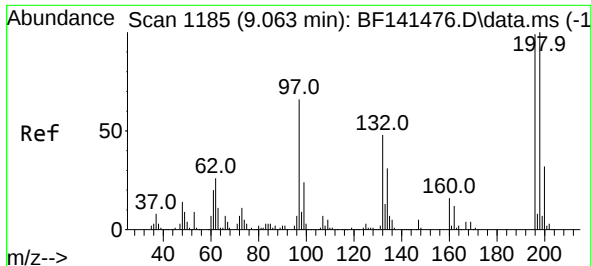
Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

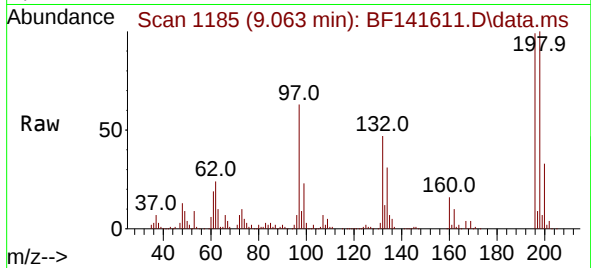
141 36.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.029 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

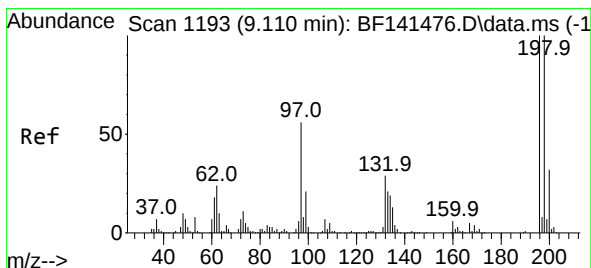
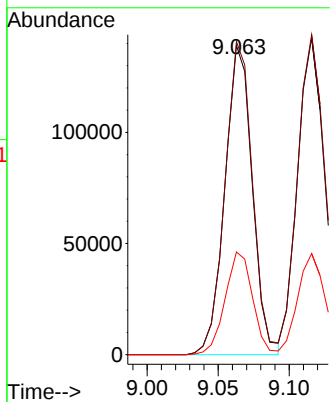
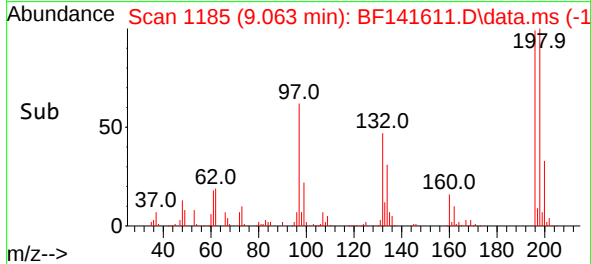
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



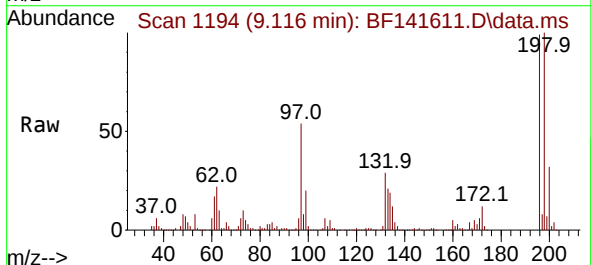
Tgt Ion:196 Resp: 187318
Ion Ratio Lower Upper
196 100
198 101.2 80.6 121.0
200 33.2 25.5 38.3

Manual Integrations
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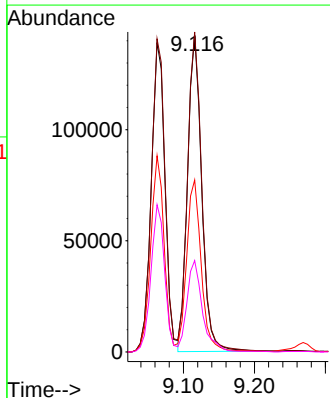
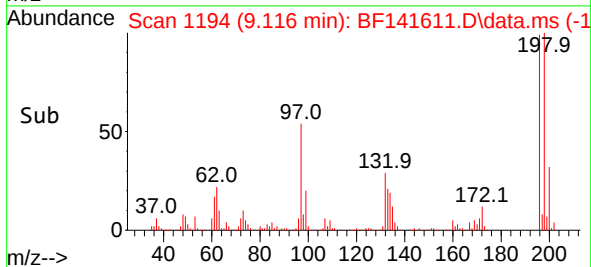
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

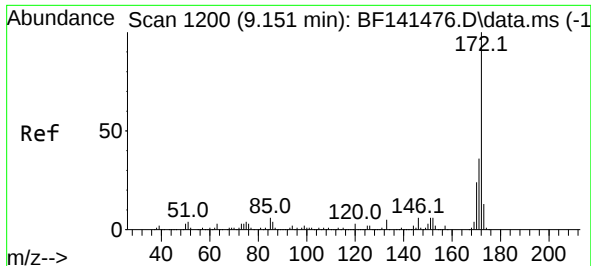


#44
2,4,5-Trichlorophenol
Concen: 42.749 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



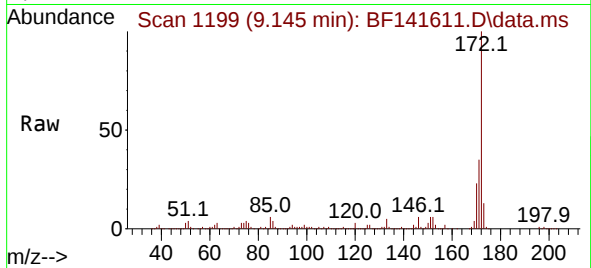
Tgt Ion:196 Resp: 197107
Ion Ratio Lower Upper
196 100
198 100.9 79.8 119.8
97 54.3 44.8 67.2
132 28.8 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 58.791 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

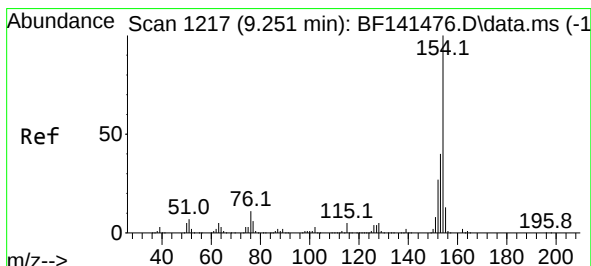
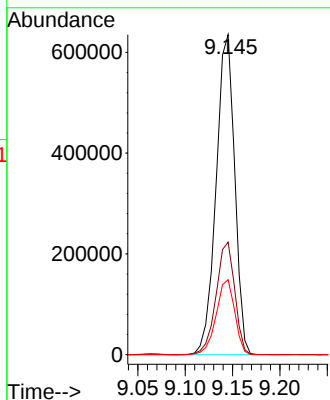
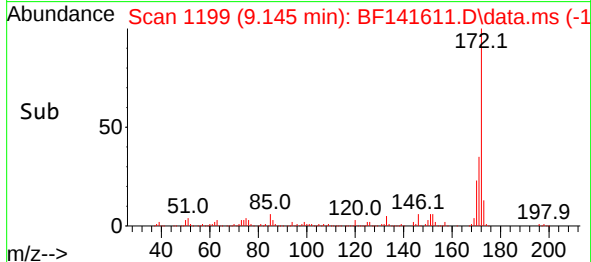
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



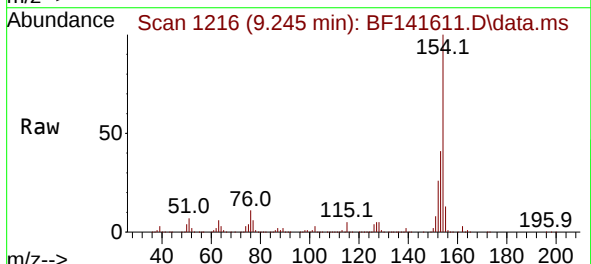
Tgt Ion:172 Resp: 868239
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.4 18.9 28.3

Manual Integrations
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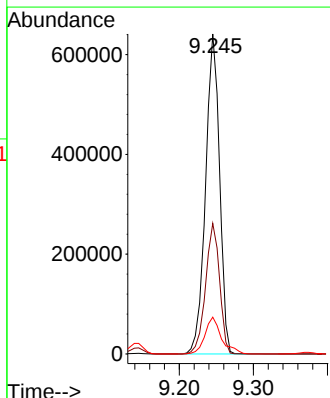
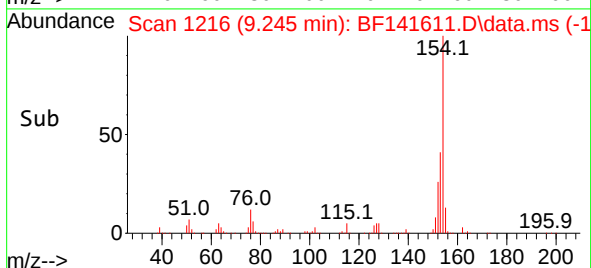
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#46
1,1'-Biphenyl
Concen: 47.680 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



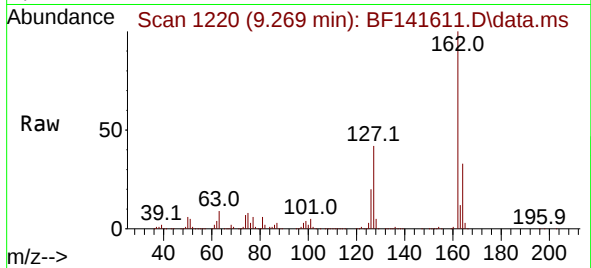
Tgt Ion:154 Resp: 841048
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.5 0.0 30.8





#47
2-Chloronaphthalene
Concen: 43.686 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

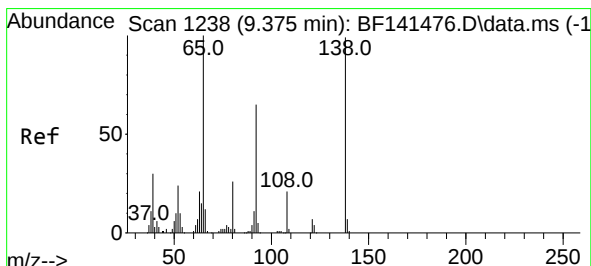
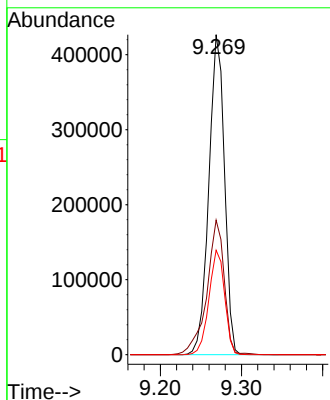
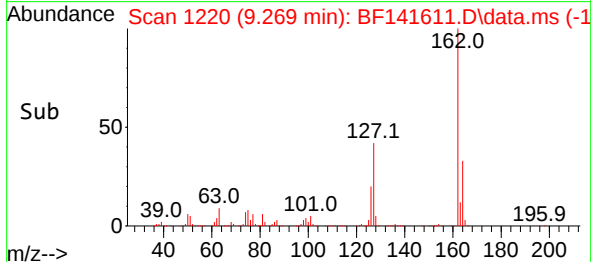
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:162 Resp: 569838
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 32.7 26.3 39.5

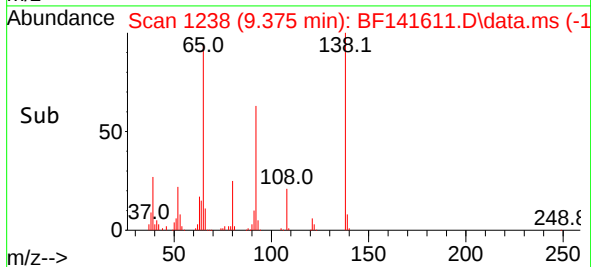
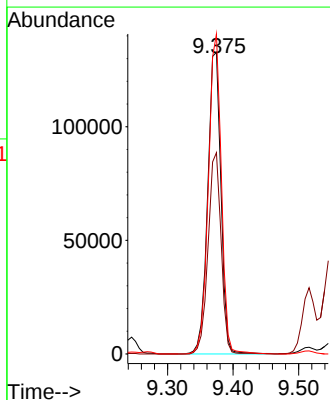
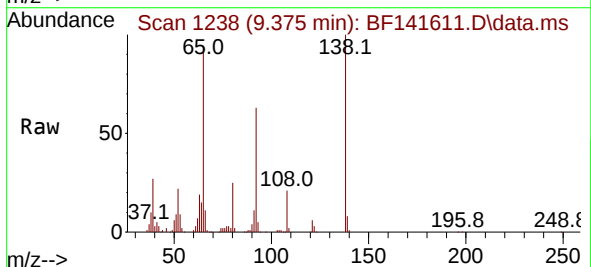
Manual Integrations
APPROVED

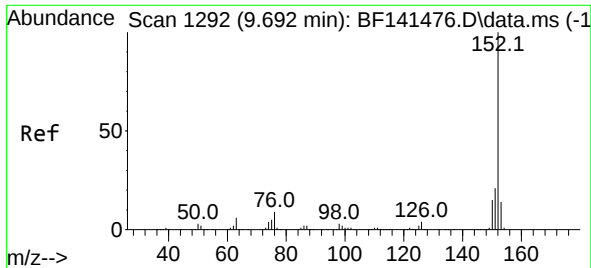
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#48
2-Nitroaniline
Concen: 42.714 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

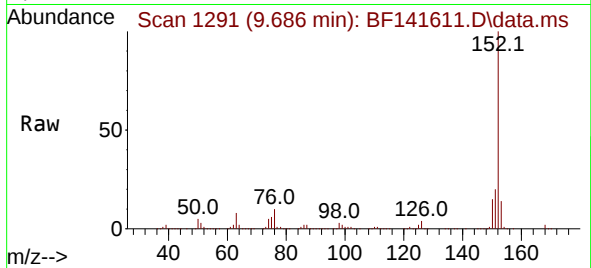
Tgt Ion: 65 Resp: 186984
Ion Ratio Lower Upper
65 100
92 66.7 52.2 78.2
138 106.1 79.5 119.3





#49
Acenaphthylene
Concen: 45.200 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

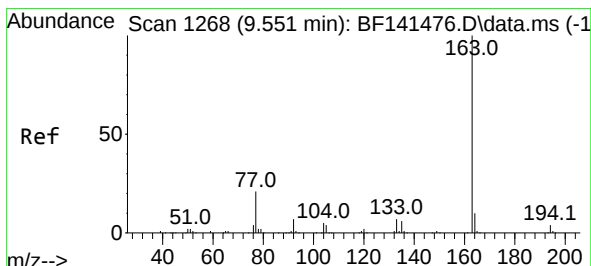
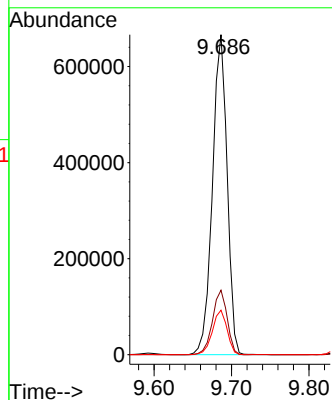
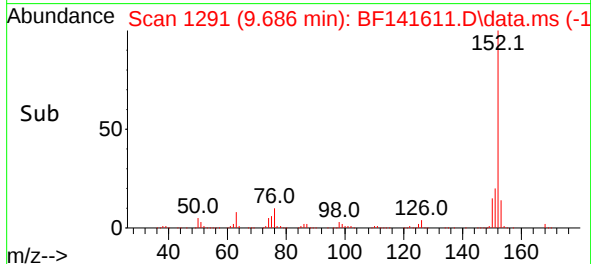
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



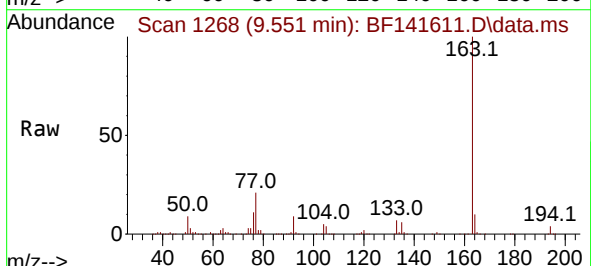
Tgt Ion:152 Resp: 876939
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
APPROVED

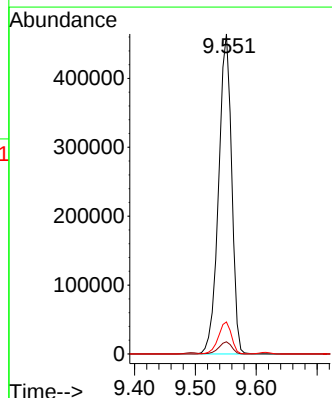
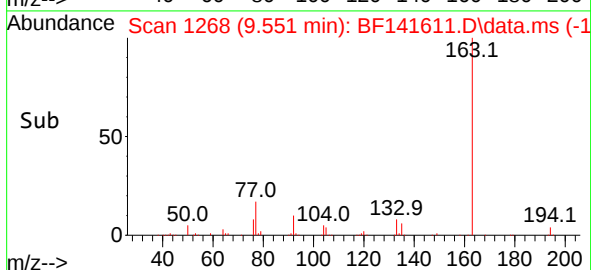
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

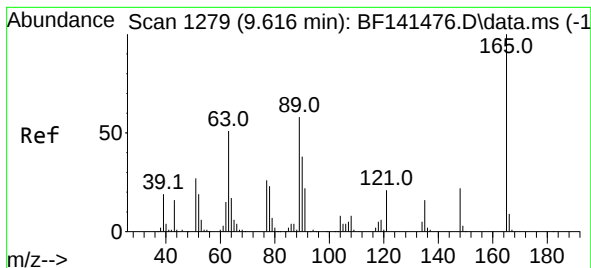


#50
Dimethylphthalate
Concen: 44.599 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



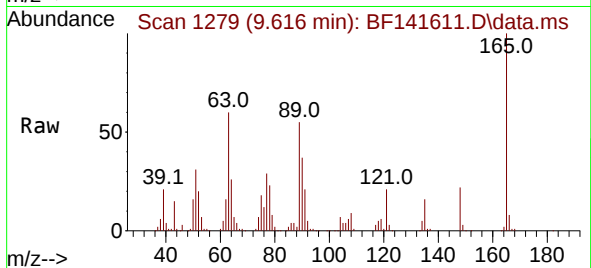
Tgt Ion:163 Resp: 688882
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.611 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

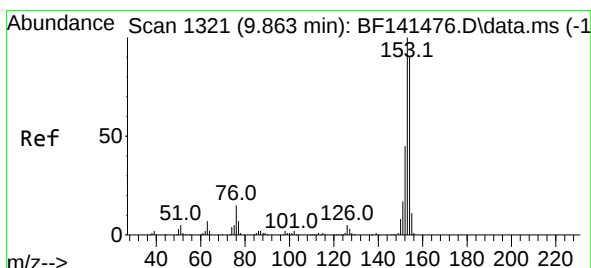
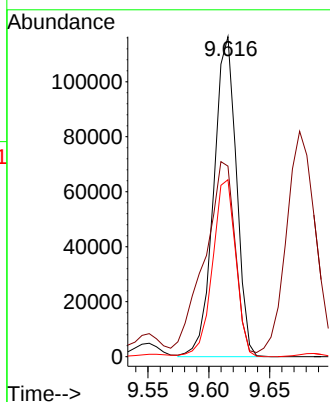
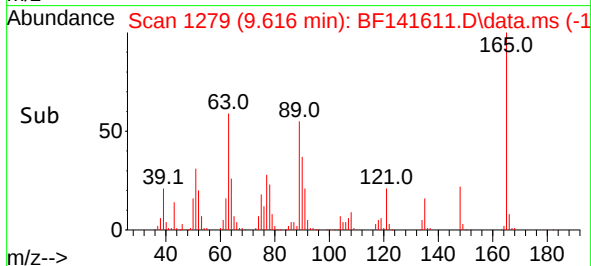
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:165 Resp: 150639
Ion Ratio Lower Upper
165 100
63 59.6 49.4 74.0
89 55.3 46.5 69.7

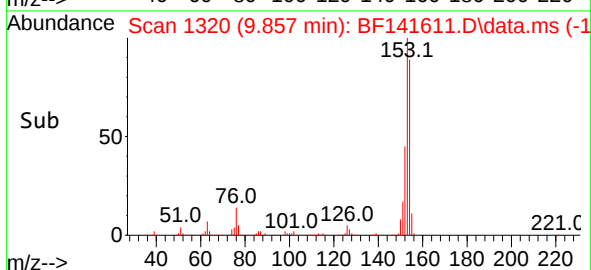
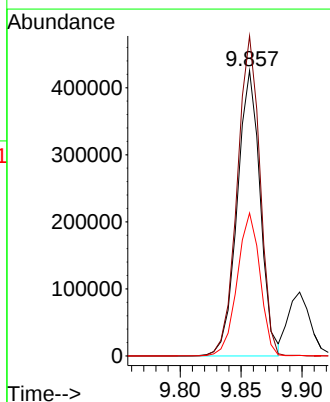
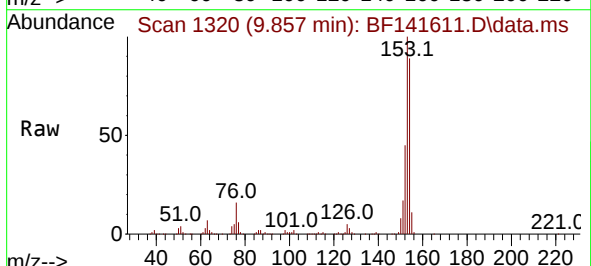
Manual Integrations
APPROVED

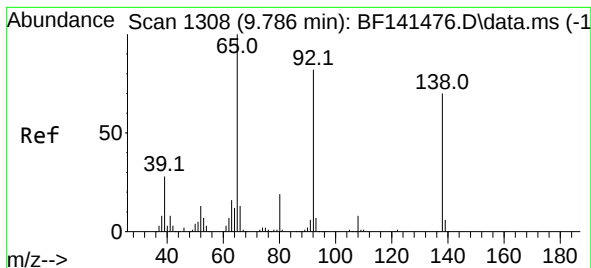
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#52
Acenaphthene
Concen: 42.849 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

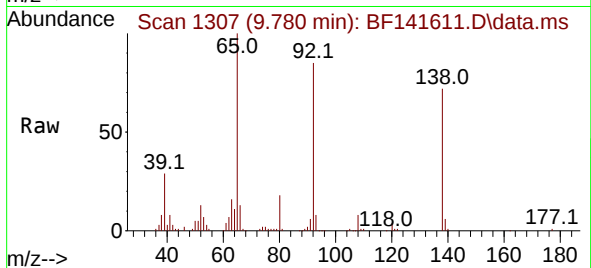
Tgt Ion:154 Resp: 558898
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.1 39.8 59.8





#53
3-Nitroaniline
Concen: 20.059 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

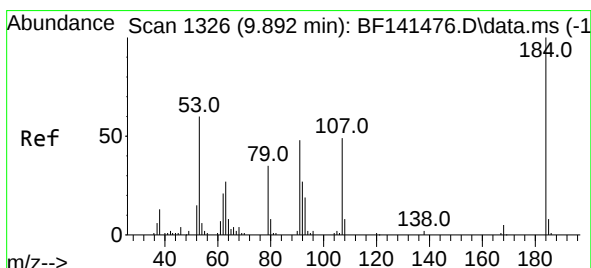
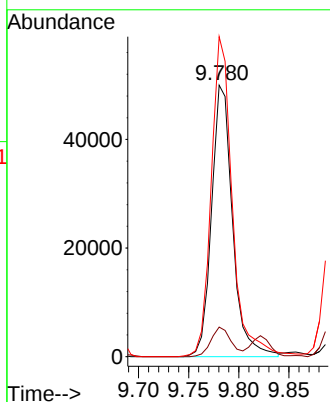
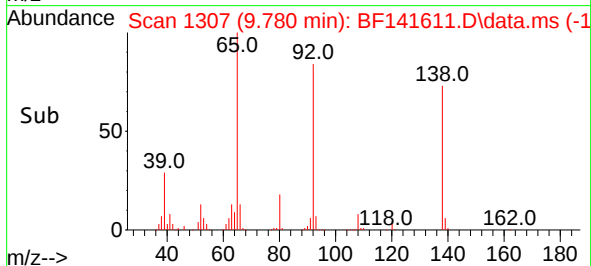
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:138 Resp: 72895
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 117.9 93.7 140.5

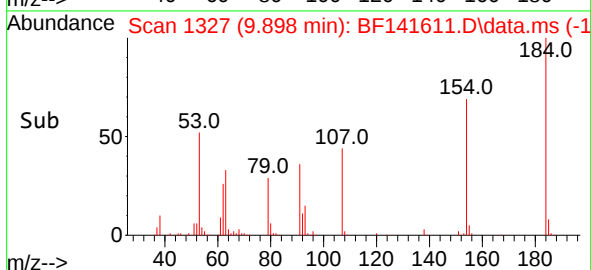
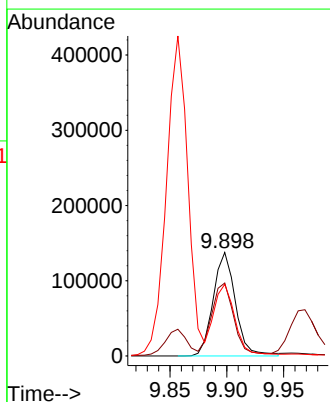
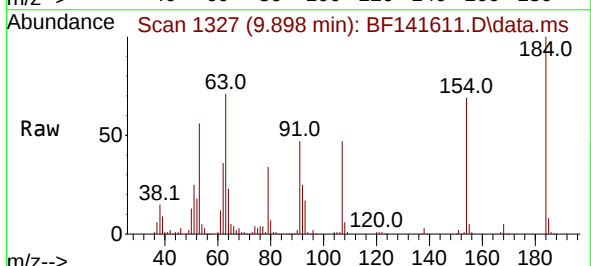
Manual Integrations
APPROVED

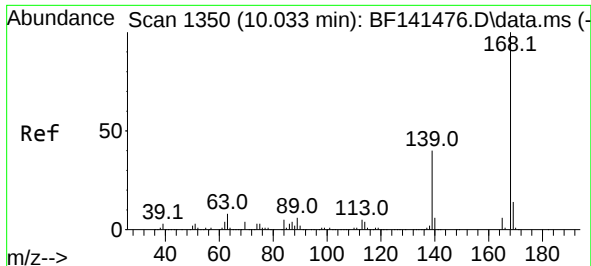
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#54
2,4-Dinitrophenol
Concen: 93.804 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

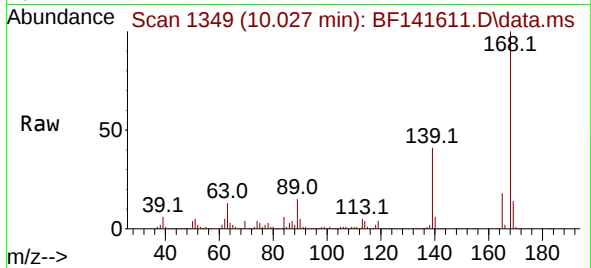
Tgt Ion:184 Resp: 188248
Ion Ratio Lower Upper
184 100
63 70.5 61.0 91.6
154 69.2 59.9 89.9





#55
Dibenzofuran
Concen: 41.841 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

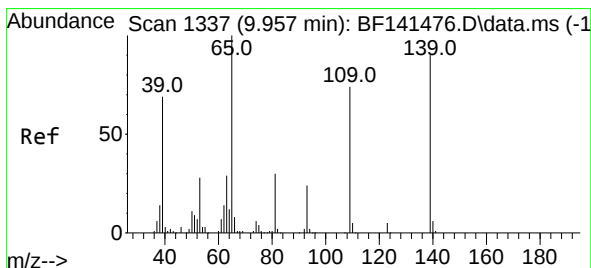
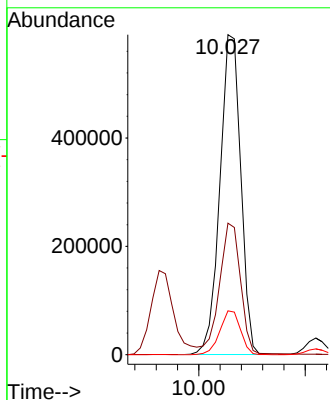
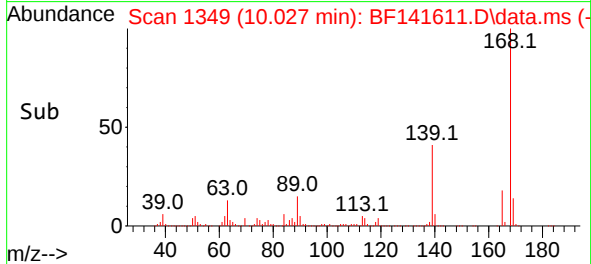
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:168 Resp: 801050
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.7 10.8 16.2

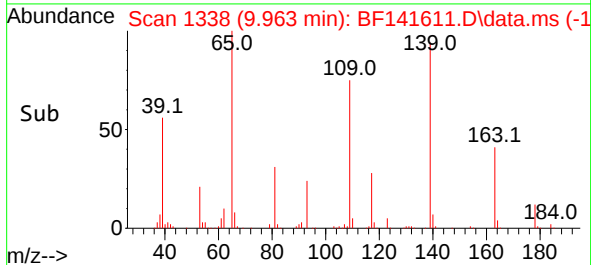
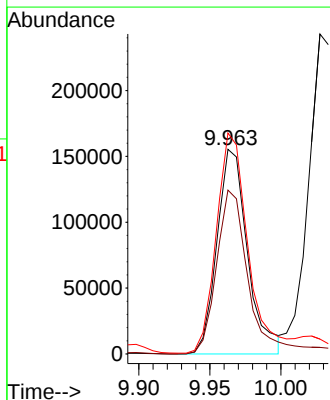
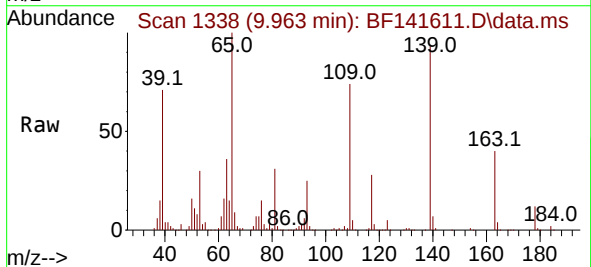
Manual Integrations
APPROVED

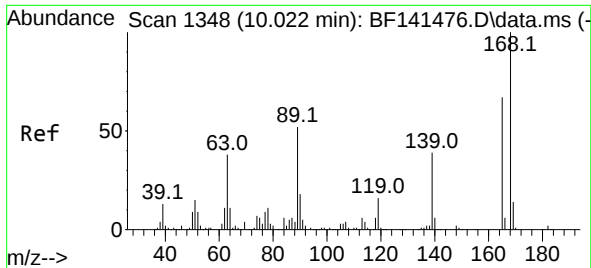
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#56
4-Nitrophenol
Concen: 86.195 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

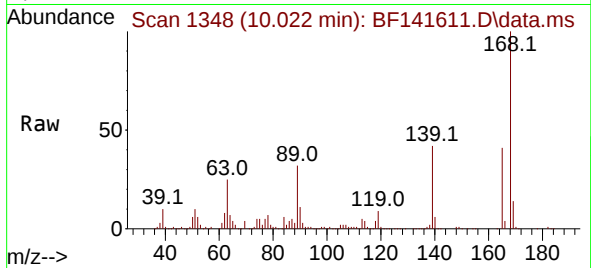
Tgt Ion:139 Resp: 232540
Ion Ratio Lower Upper
139 100
109 80.1 62.0 102.0
65 108.0 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 45.261 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

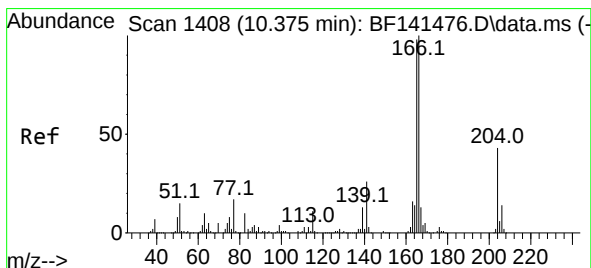
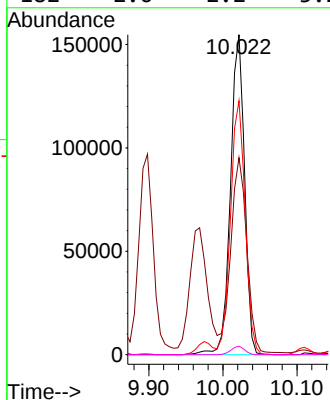
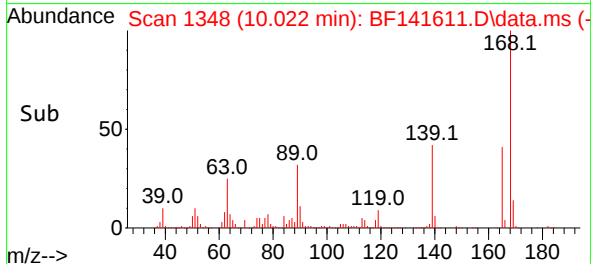
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



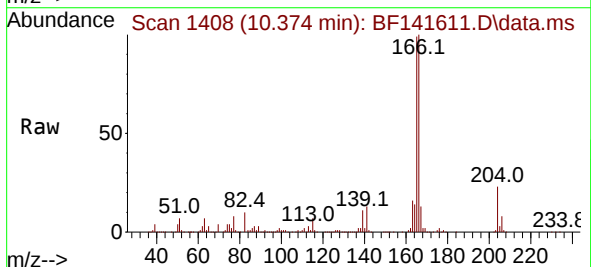
Tgt Ion:165 Resp: 20345
Ion Ratio Lower Upper
165 100
63 61.6 46.4 69.6
89 79.4 61.8 92.6
182 2.6 2.2 3.2

Manual Integrations
APPROVED

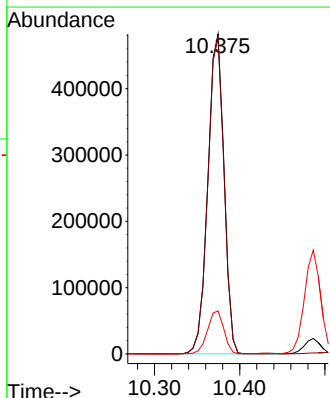
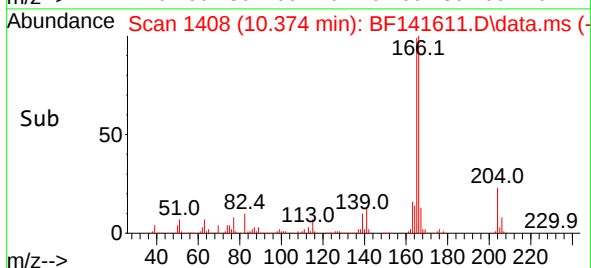
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#58
Fluorene
Concen: 43.100 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



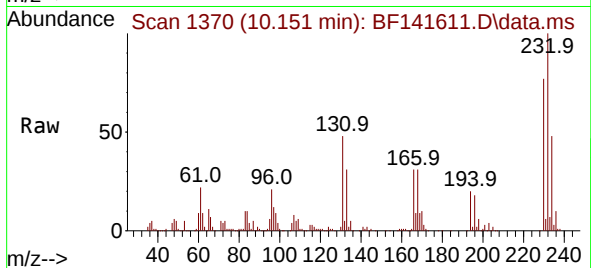
Tgt Ion:166 Resp: 638014
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.644 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

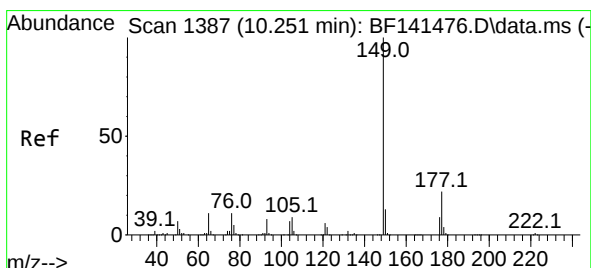
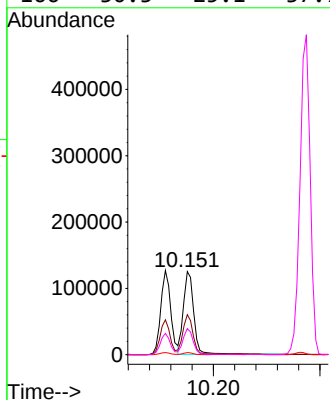
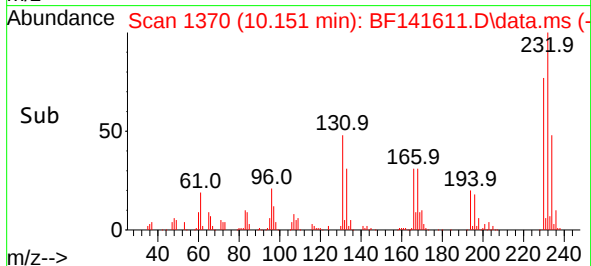
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



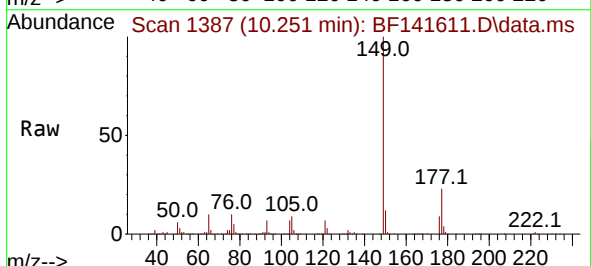
Tgt Ion:232 Resp: 16928
Ion Ratio Lower Upper
232 100
131 48.1 39.2 58.8
130 2.3 2.1 3.1
166 30.3 25.1 37.7

Manual Integrations
APPROVED

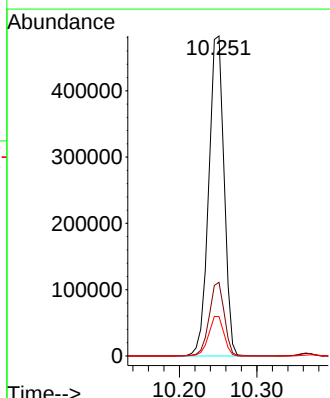
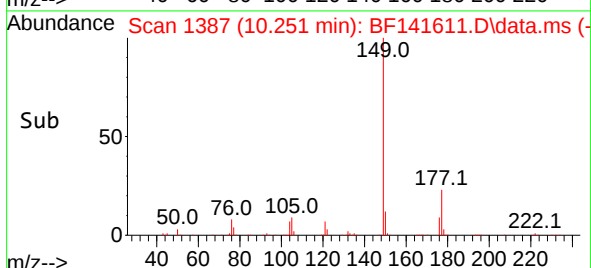
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

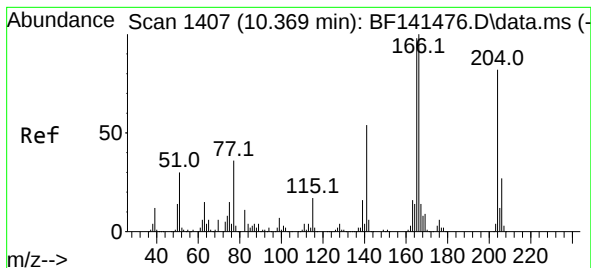


#60
Diethylphthalate
Concen: 43.646 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



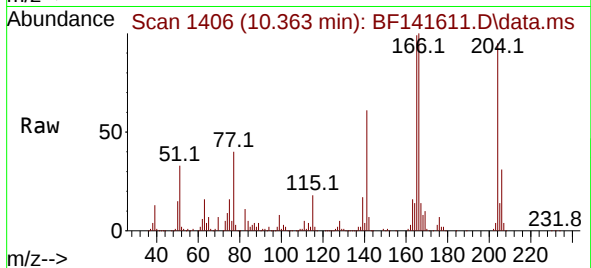
Tgt Ion:149 Resp: 663286
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

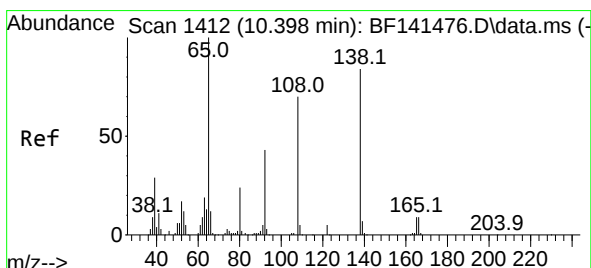
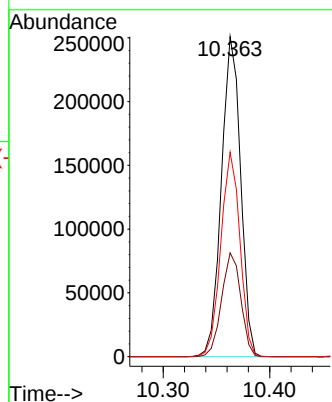
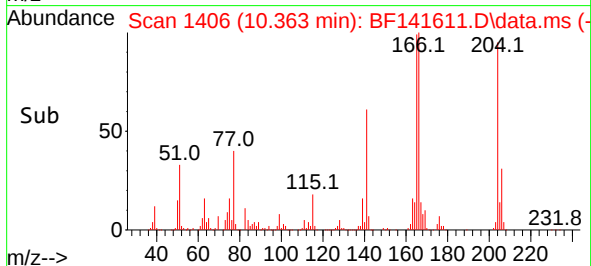
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:204 Resp: 313592
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 63.9 51.9 77.9

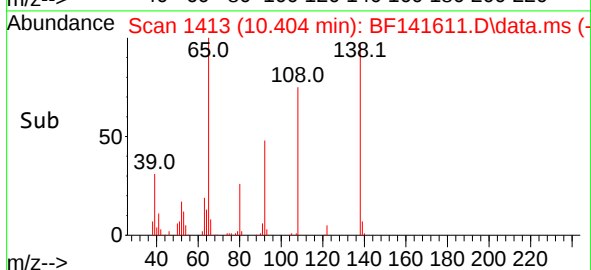
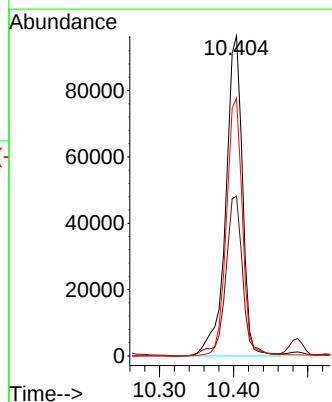
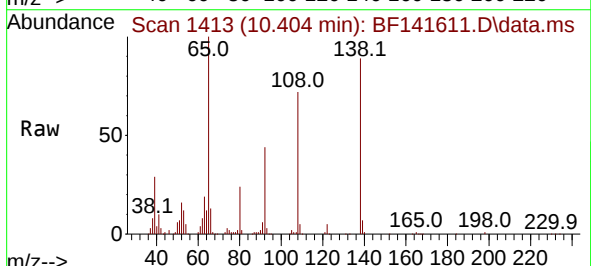
Manual Integrations
APPROVED

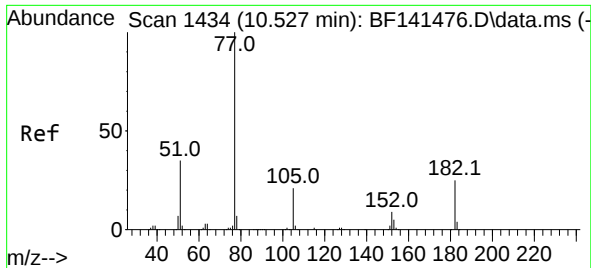
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#62
4-Nitroaniline
Concen: 40.947 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

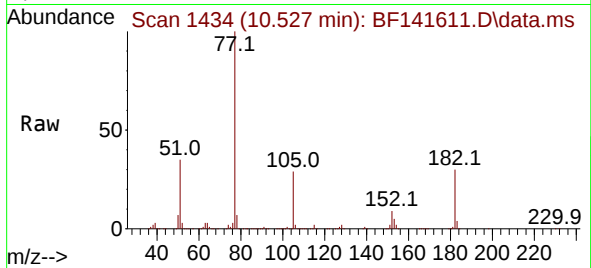
Tgt Ion:138 Resp: 151104
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 80.6 63.7 103.7





#63
Azobenzene
Concen: 50.036 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

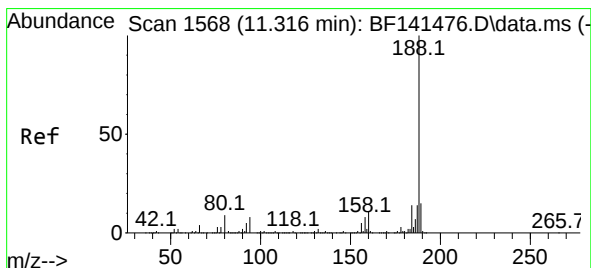
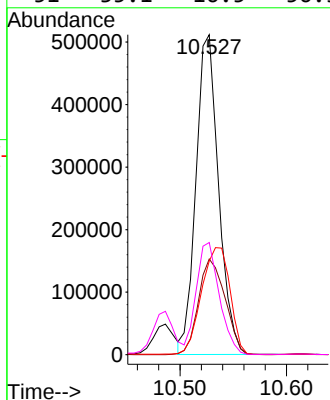
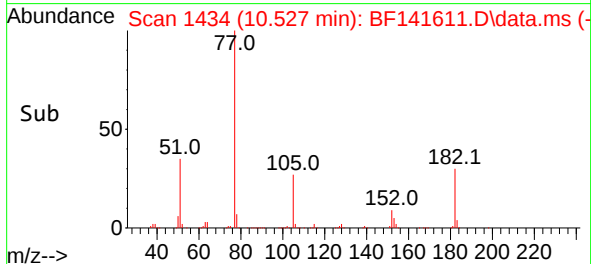
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



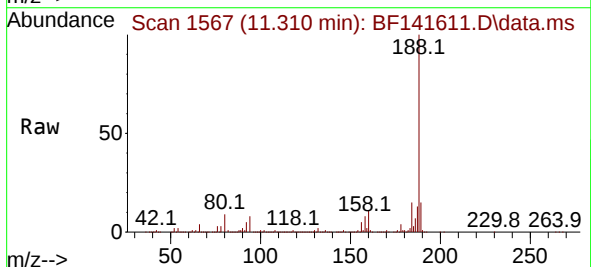
Tgt Ion: 77 Resp: 755940
Ion Ratio Lower Upper
77 100
182 29.9 4.7 44.7
105 29.2 0.4 40.4
51 35.1 16.5 56.5

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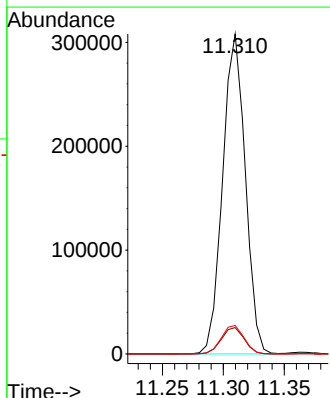
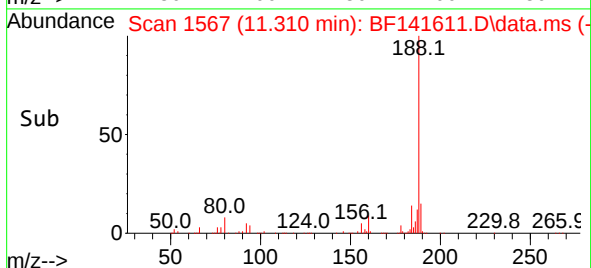
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



Tgt Ion:188 Resp: 399093
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.9 7.3 10.9





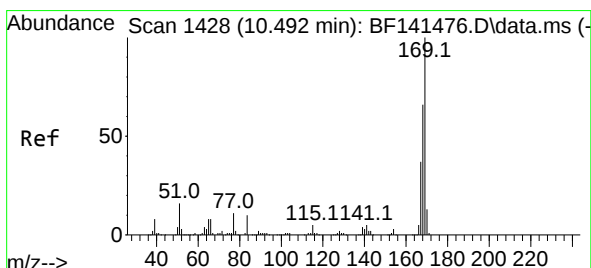
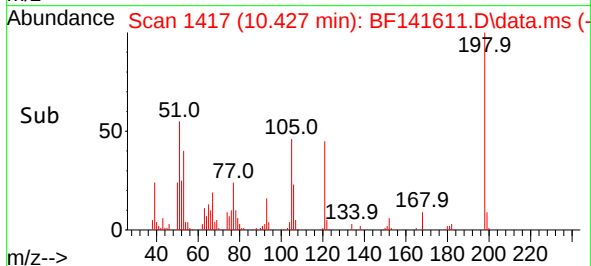
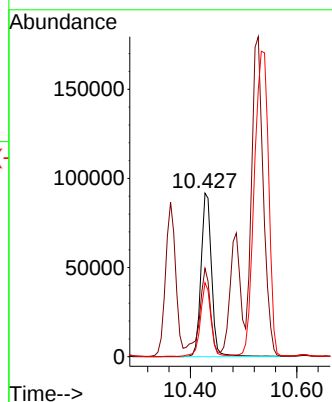
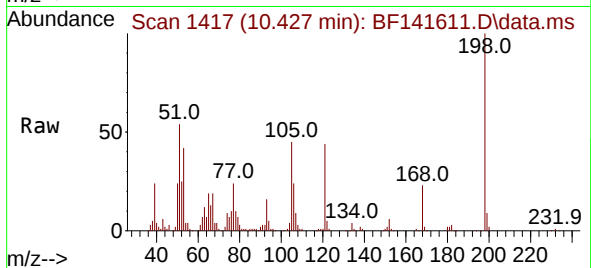
#65
4,6-Dinitro-2-methylphenol
Concen: 45.417 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Instrument :
BNA_F
ClientSampleId :
WC-13MSD

Tgt Ion:198 Resp: 125909
Ion Ratio Lower Upper
198 100
51 54.0 37.4 77.4
105 45.2 25.2 65.2

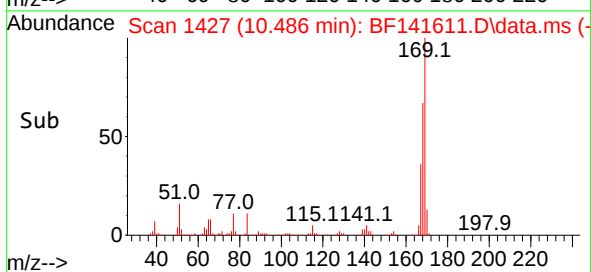
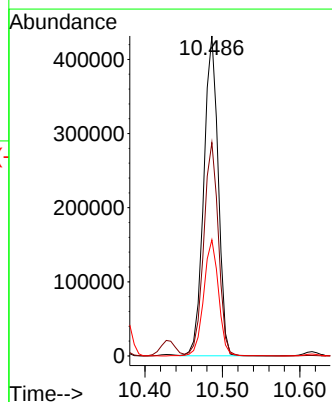
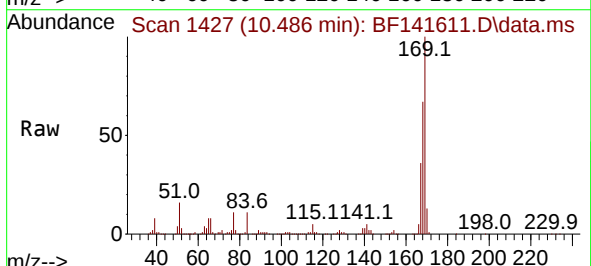
Manual Integrations
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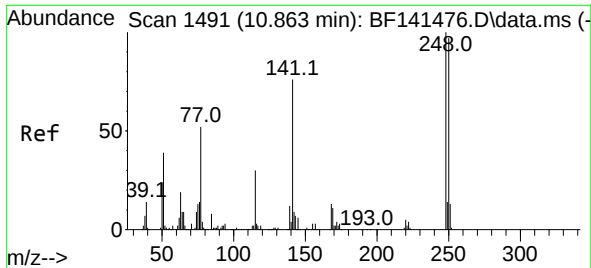
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#66
n-Nitrosodiphenylamine
Concen: 43.674 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

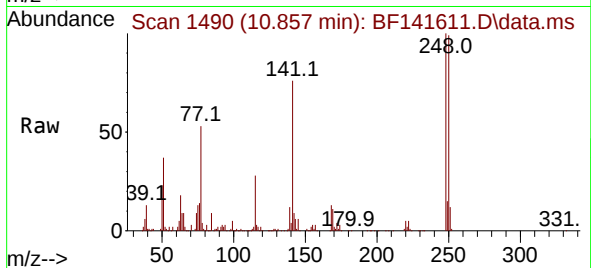
Tgt Ion:169 Resp: 557950
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.3 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 44.054 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

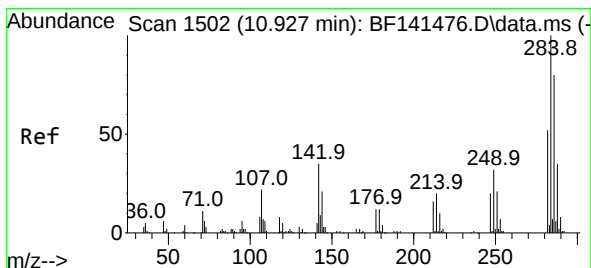
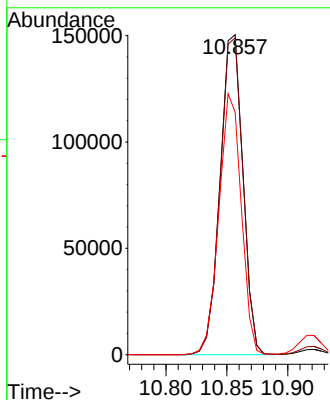
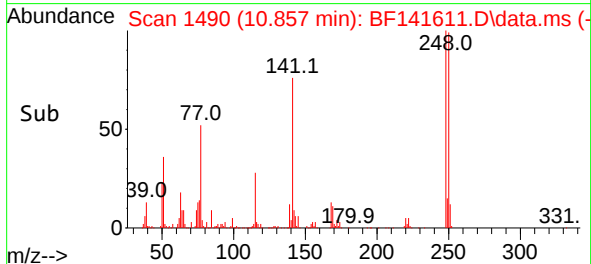
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



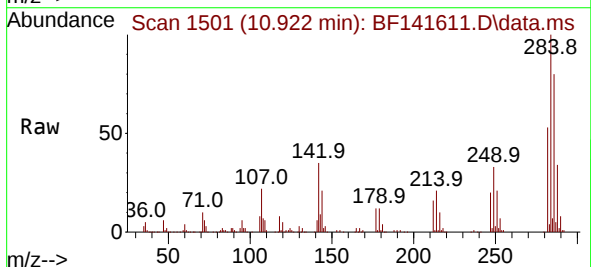
Tgt Ion:248 Resp: 196500
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 75.7 60.6 90.8

Manual Integrations
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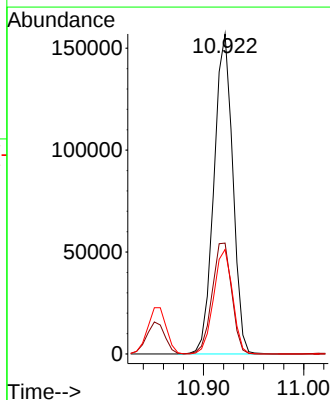
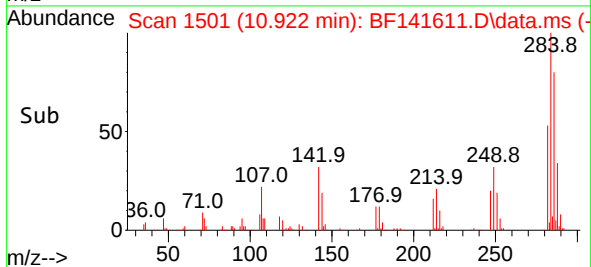
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

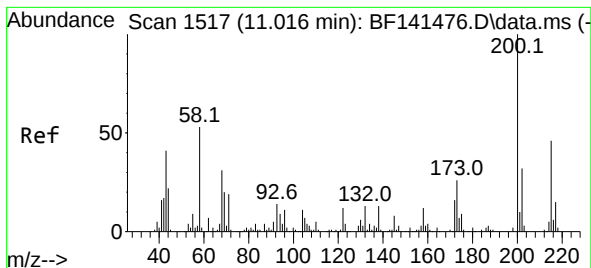


#68
Hexachlorobenzene
Concen: 44.342 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



Tgt Ion:284 Resp: 203664
Ion Ratio Lower Upper
284 100
142 34.7 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 54.960 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

Tgt Ion:200 Resp: 210639

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

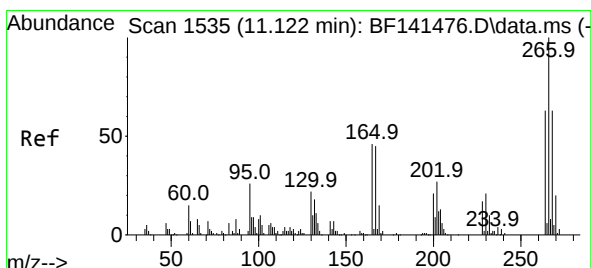
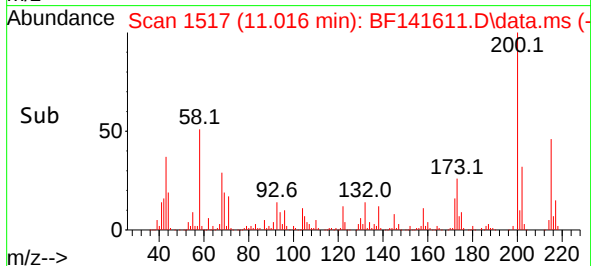
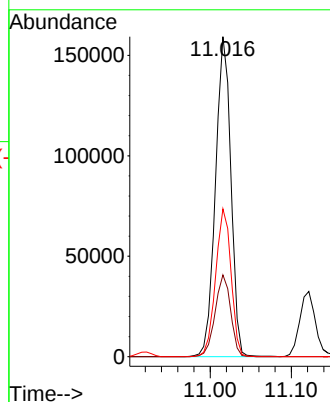
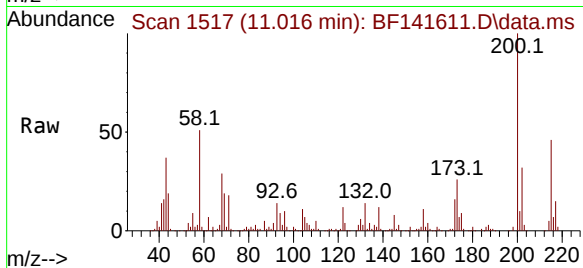
215 46.2 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#70

Pentachlorophenol

Concen: 80.412 ng

RT: 11.121 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

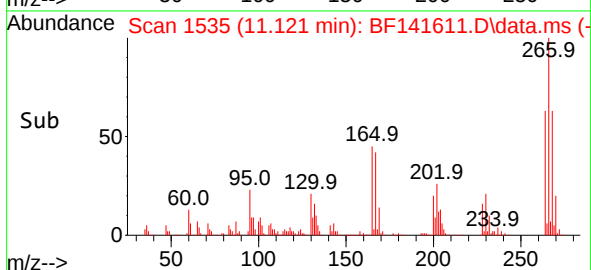
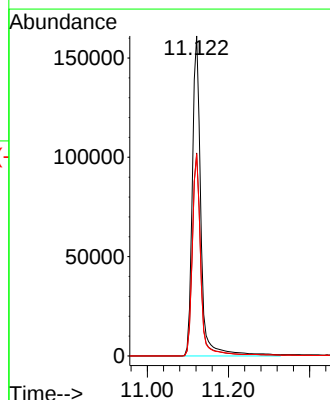
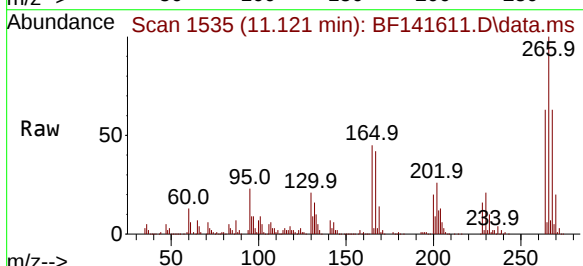
Tgt Ion:266 Resp: 236157

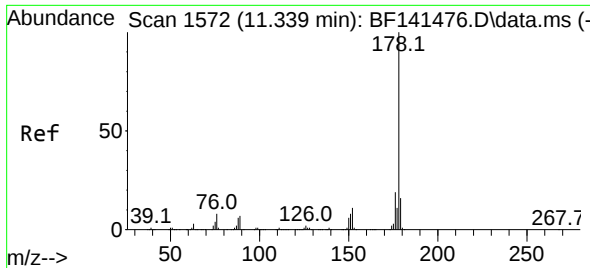
Ion Ratio Lower Upper

266 100

268 63.5 50.1 75.1

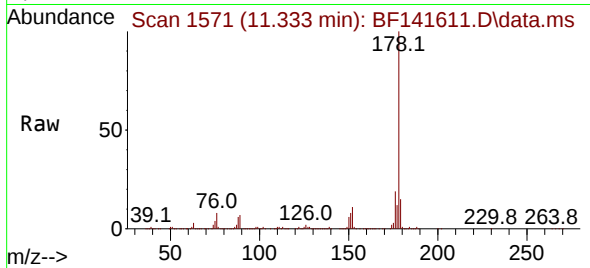
264 62.9 50.1 75.1





#71
Phenanthrene
Concen: 45.691 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

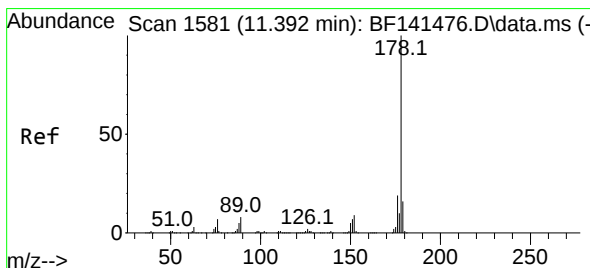
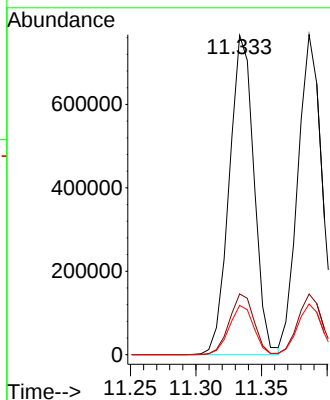
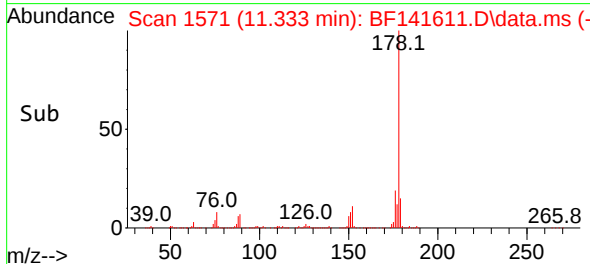
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



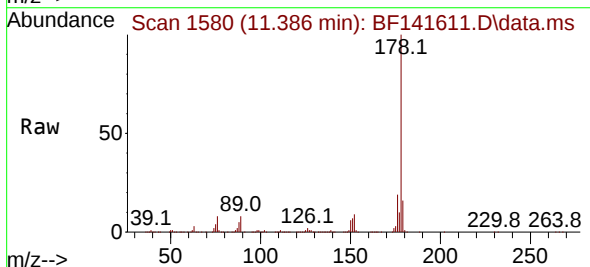
Tgt Ion:178 Resp: 100374
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.4 18.6

Manual Integrations
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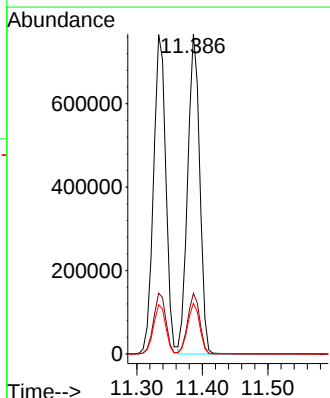
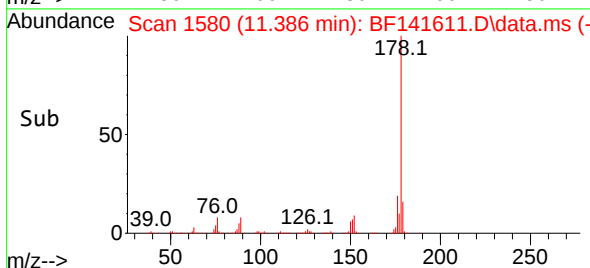
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

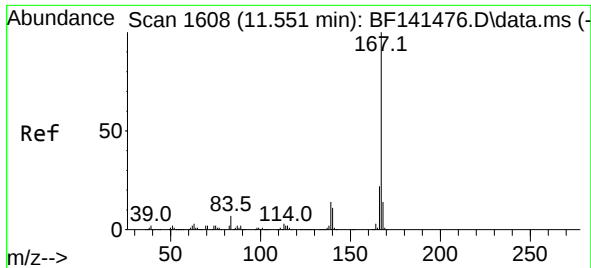


#72
Anthracene
Concen: 44.087 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



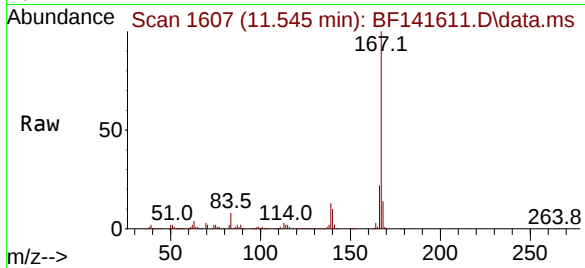
Tgt Ion:178 Resp: 973595
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 42.654 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141611.D
 Acq: 13 Feb 2025 13:44

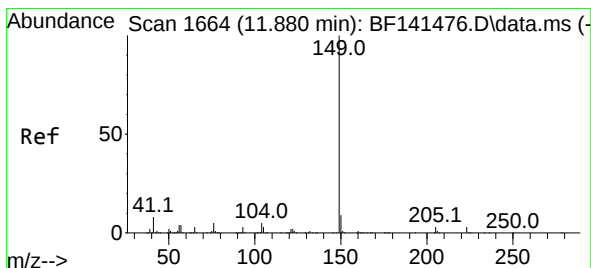
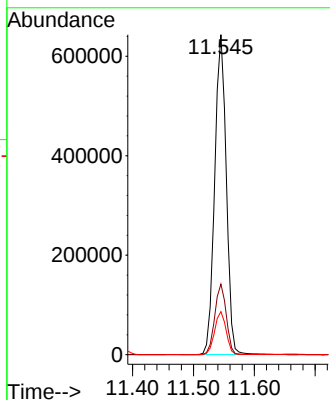
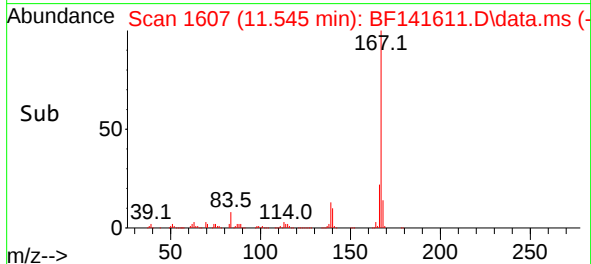
Instrument :
 BNA_F
 ClientSampleId :
 WC-13MSD



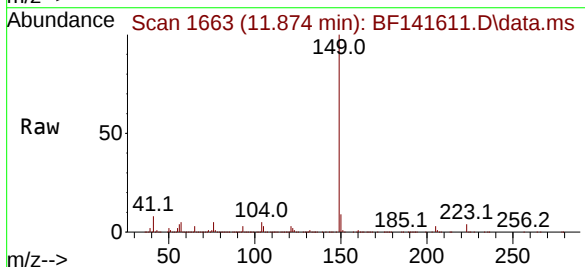
Tgt Ion:167 Resp: 847562
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.5 10.9 16.3

Manual Integrations
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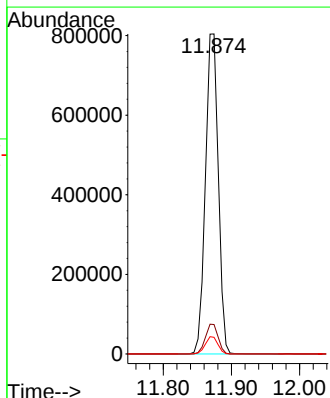
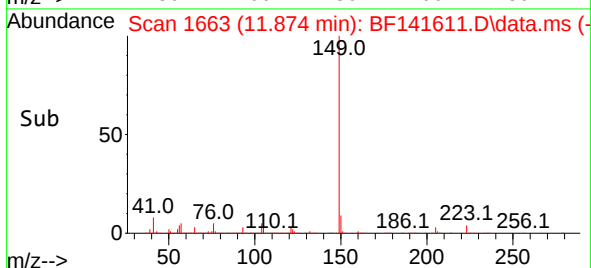
Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025

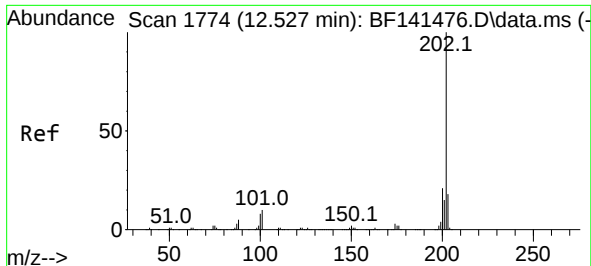


#74
 Di-n-butylphthalate
 Concen: 46.029 ng
 RT: 11.874 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141611.D
 Acq: 13 Feb 2025 13:44



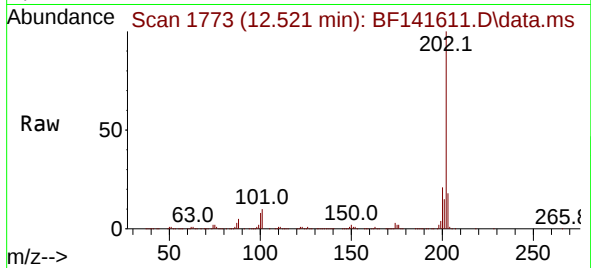
Tgt Ion:149 Resp: 1056080
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 44.543 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

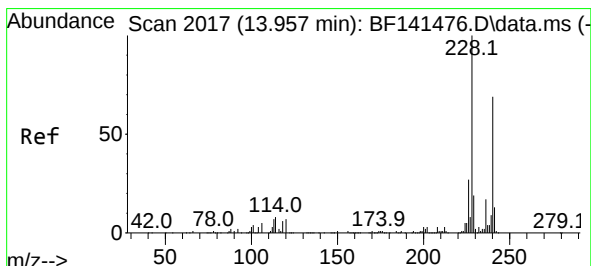
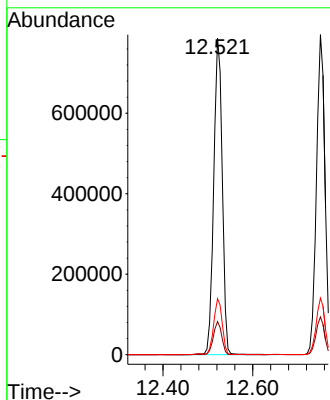
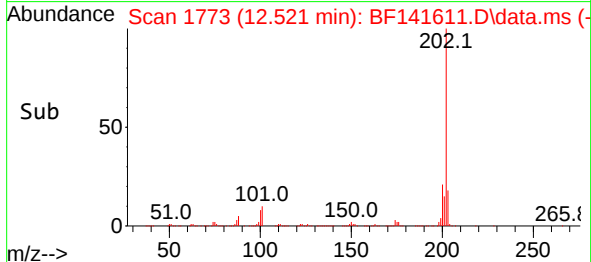
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



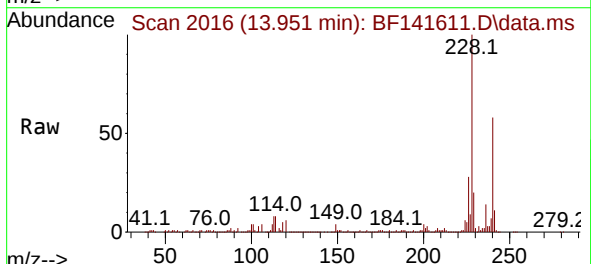
Tgt Ion:202 Resp: 1037428
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
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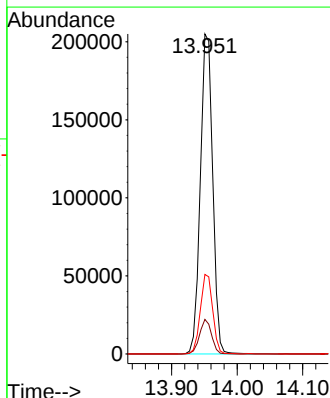
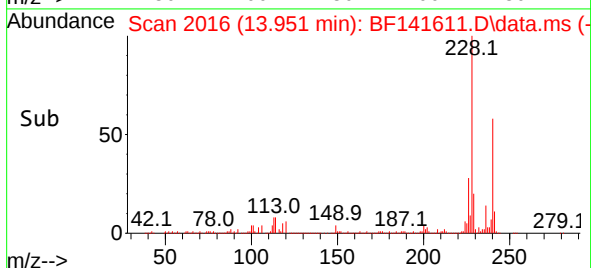
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

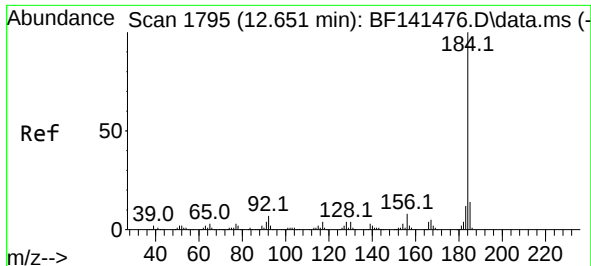


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



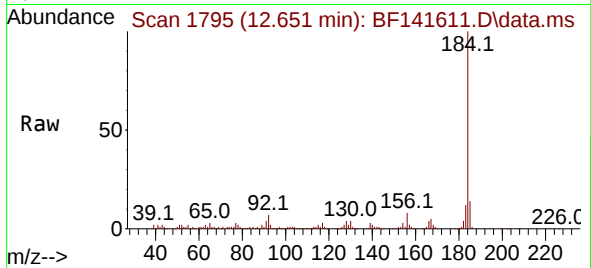
Tgt Ion:240 Resp: 269691
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 24.9 19.8 29.8





#77
Benzidine
Concen: 30.902 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

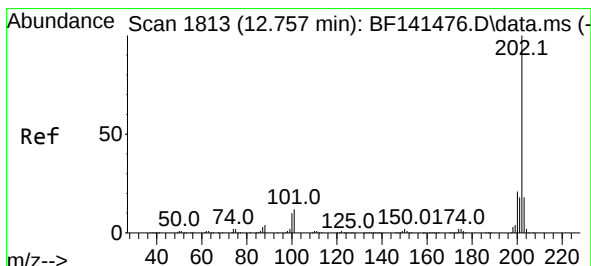
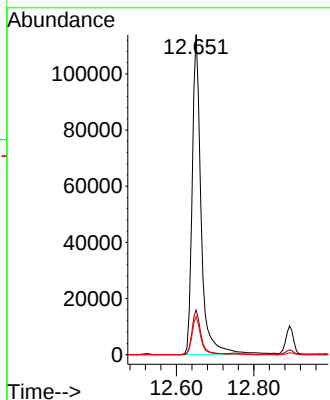
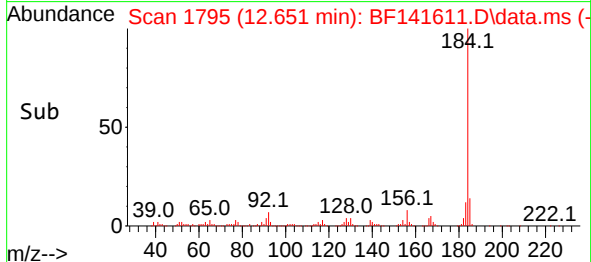
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:184 Resp: 183795
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.9 9.3 13.9

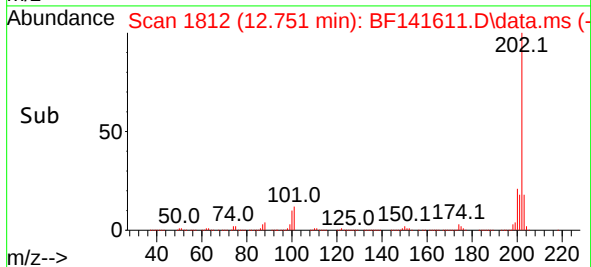
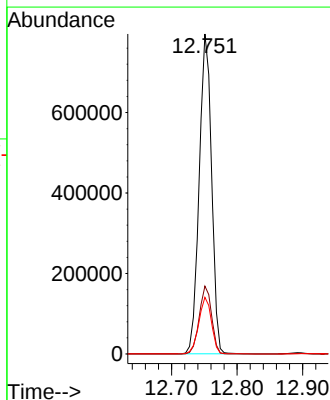
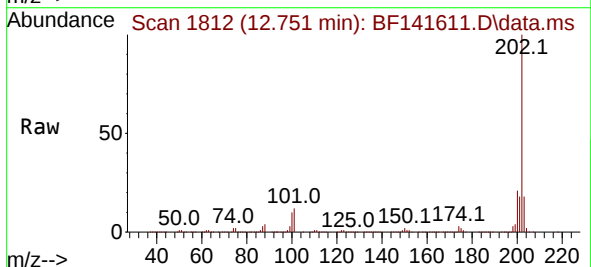
Manual Integrations
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Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#78
Pyrene
Concen: 45.553 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

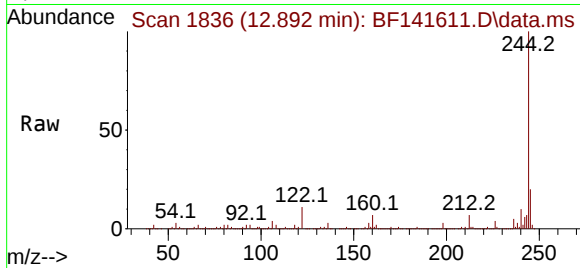
Tgt Ion:202 Resp: 1045802
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





#79
Terphenyl-d14
Concen: 62.554 ng
RT: 12.892 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

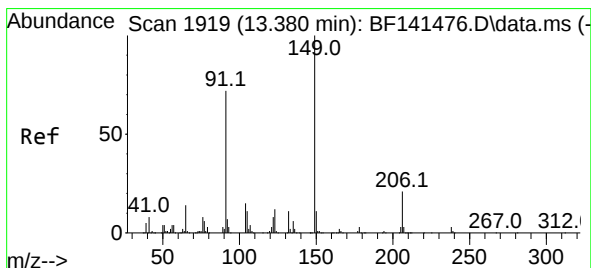
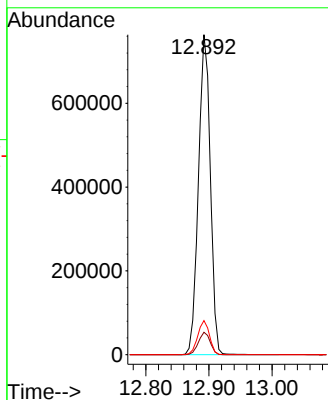
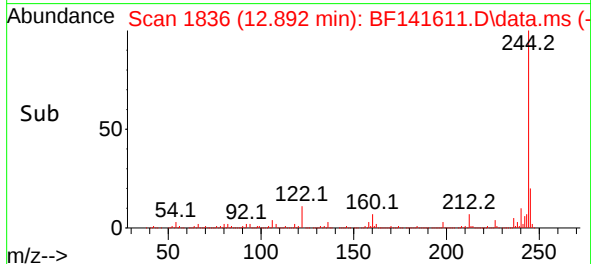
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:244 Resp: 999319
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.7 8.4 12.6

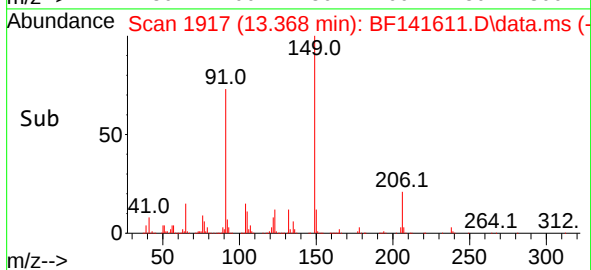
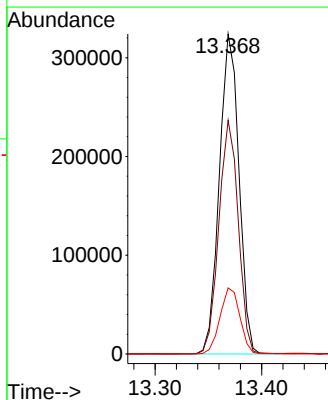
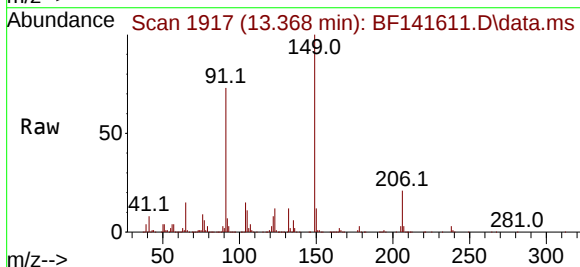
Manual Integrations
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Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#80
Butylbenzylphthalate
Concen: 52.112 ng
RT: 13.368 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

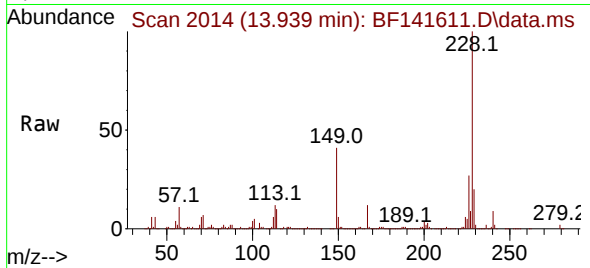
Tgt Ion:149 Resp: 414396
Ion Ratio Lower Upper
149 100
91 73.0 57.8 86.8
206 20.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.061 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

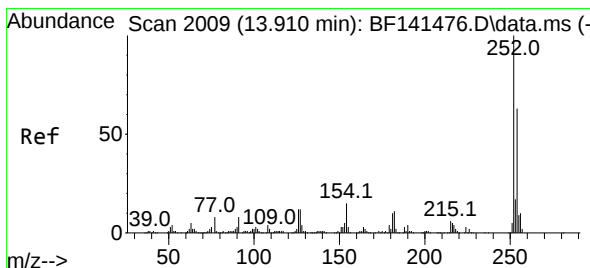
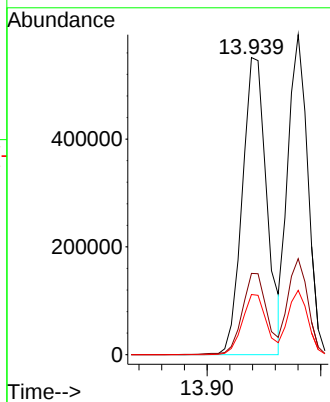
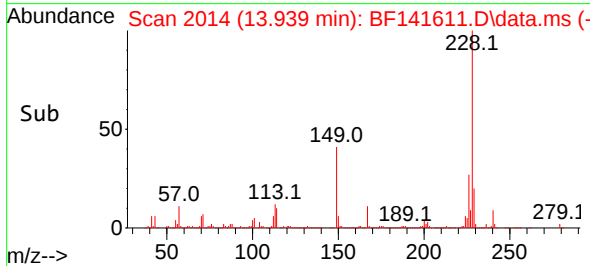
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



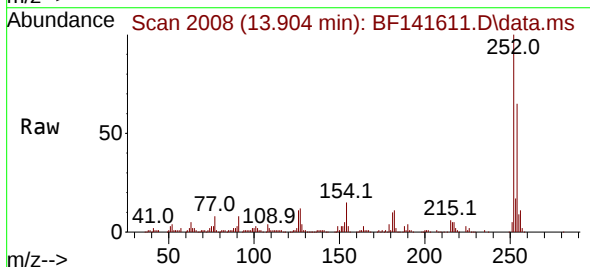
Tgt Ion:228 Resp: 825740
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.2 15.8 23.6

Manual Integrations
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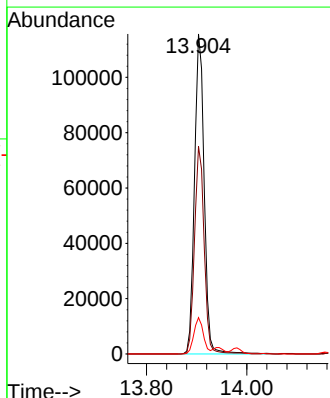
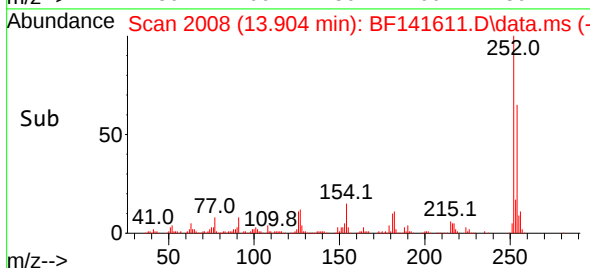
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

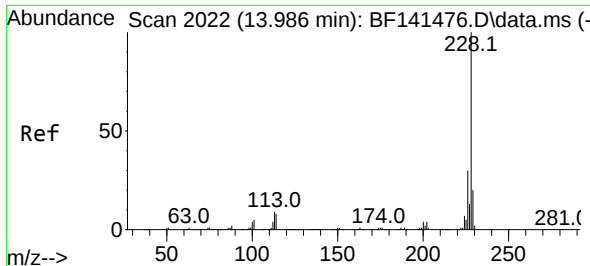


#82
3,3'-Dichlorobenzidine
Concen: 30.190 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44



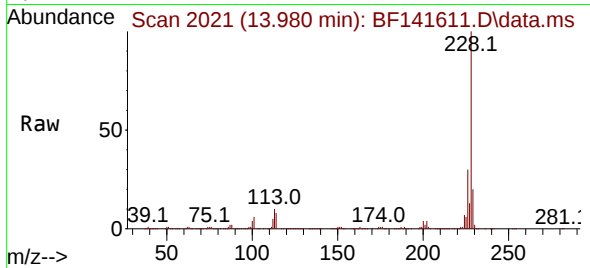
Tgt Ion:252 Resp: 155035
Ion Ratio Lower Upper
252 100
254 64.8 50.6 76.0
126 11.4 9.3 13.9





#83
Chrysene
Concen: 43.414 ng
RT: 13.980 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

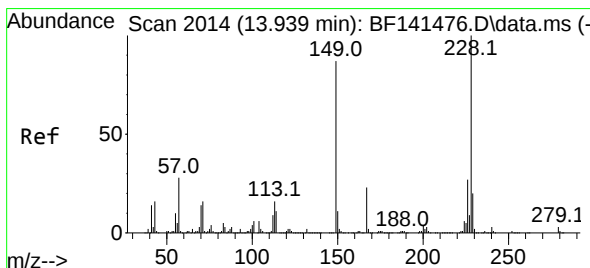
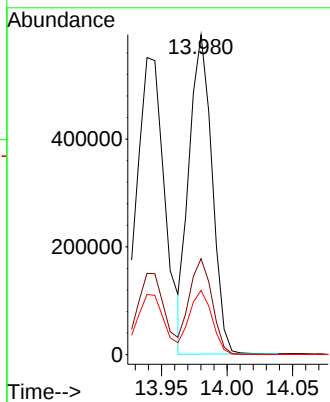
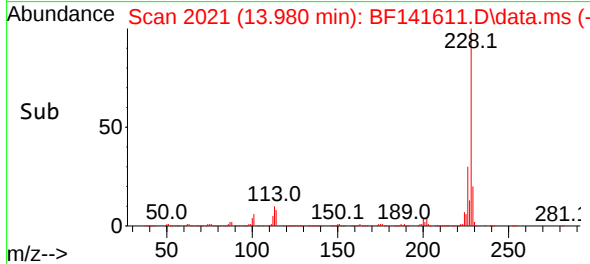
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:228 Resp: 718634
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 20.1 15.7 23.5

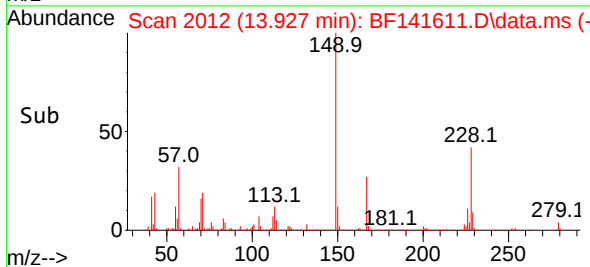
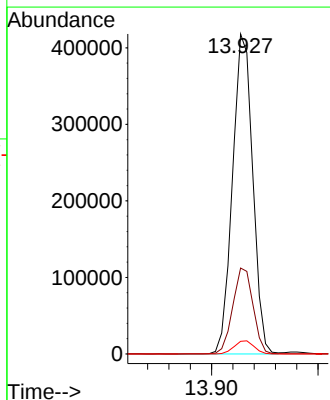
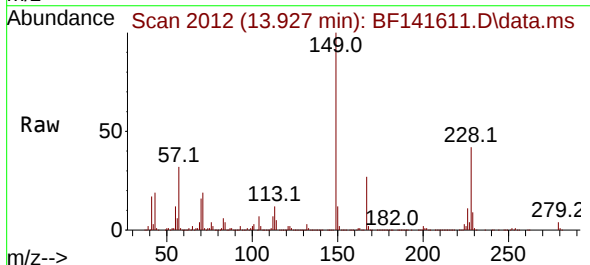
Manual Integrations
APPROVED

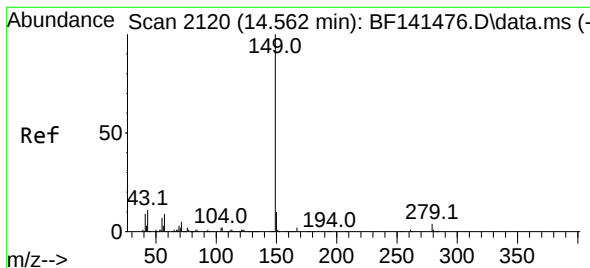
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.346 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:149 Resp: 550190
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 63.038 ng

RT: 14.551 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

Instrument :

BNA_F

ClientSampleId :

WC-13MSD

Tgt Ion:149 Resp: 806534

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

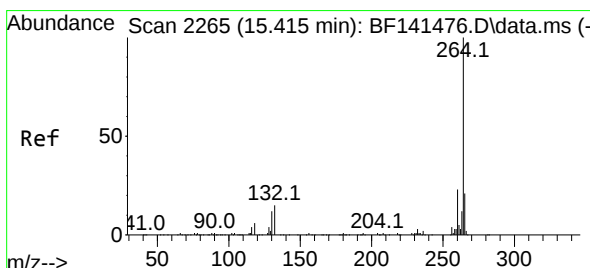
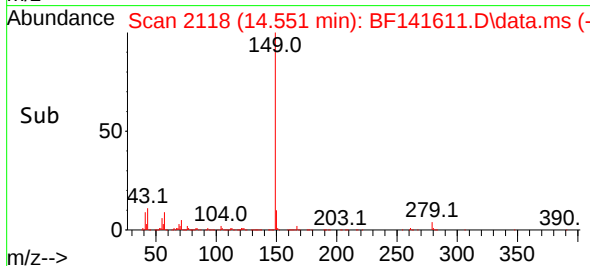
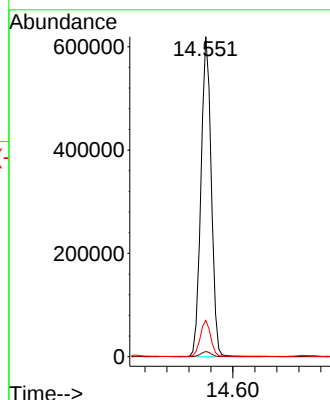
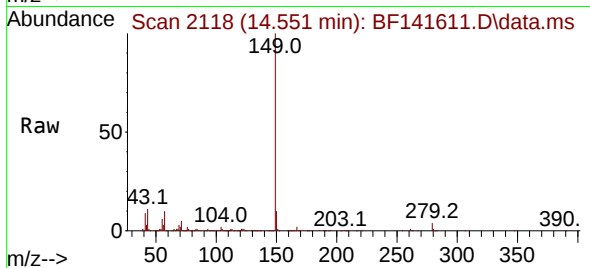
43 11.4 9.5 14.3

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141611.D

Acq: 13 Feb 2025 13:44

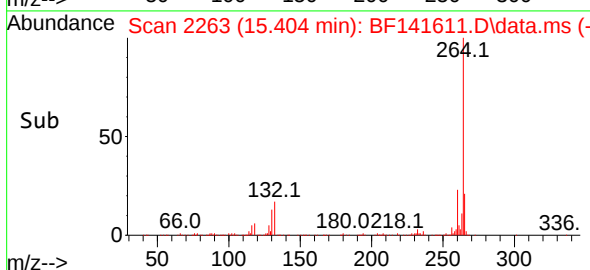
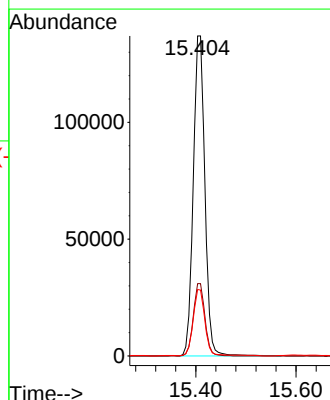
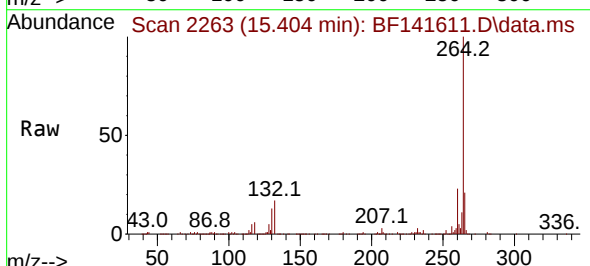
Tgt Ion:264 Resp: 219815

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

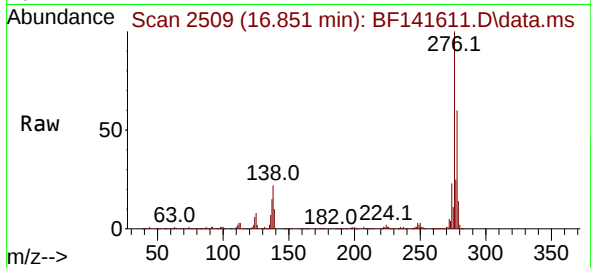
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.624 ng
RT: 16.851 min Scan# 2193
Delta R.T. -0.023 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

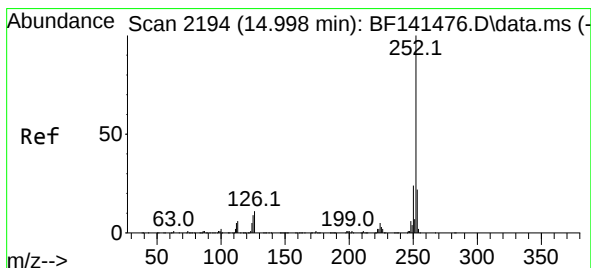
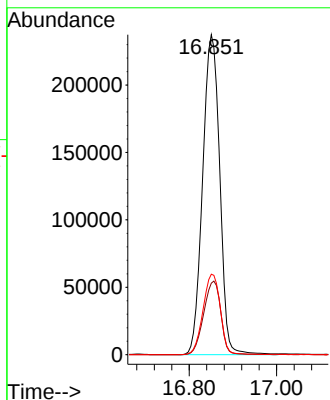
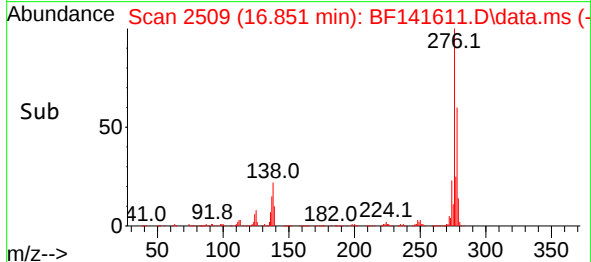
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:276 Resp: 646830
Ion Ratio Lower Upper
276 100
138 23.1 18.0 27.0
277 25.5 20.4 30.6

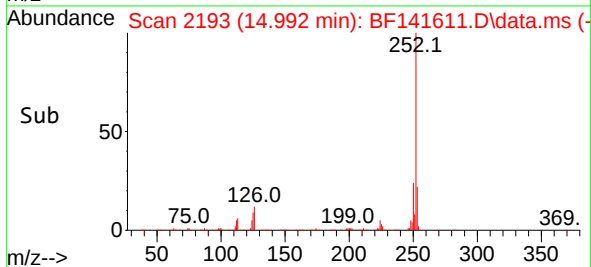
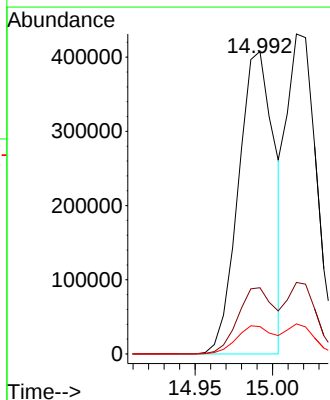
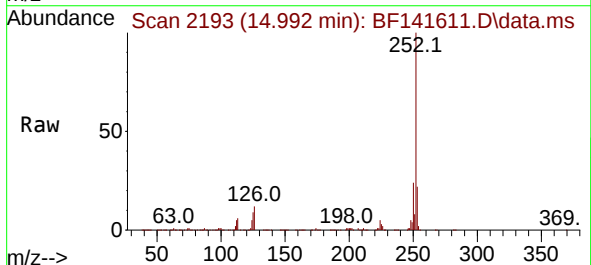
Manual Integrations
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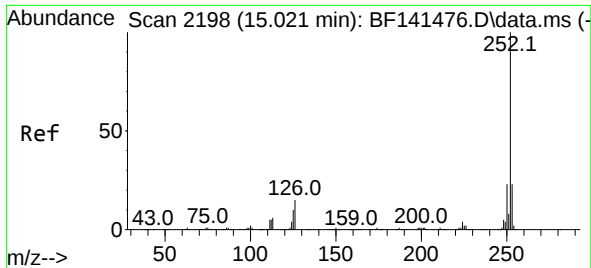
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#88
Benzo(b)fluoranthene
Concen: 44.859 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:252 Resp: 662104
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.0 10.6





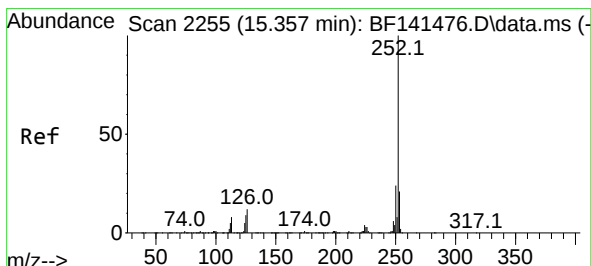
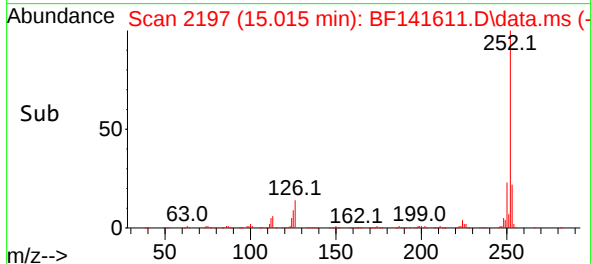
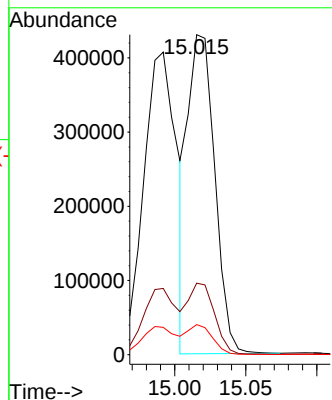
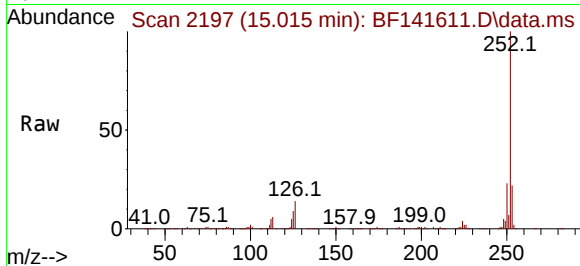
#89
Benzo(k)fluoranthene
Concen: 45.077 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Instrument :
BNA_F
ClientSampleId :
WC-13MSD

Tgt Ion:252 Resp: 568120
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.4 7.4 11.0

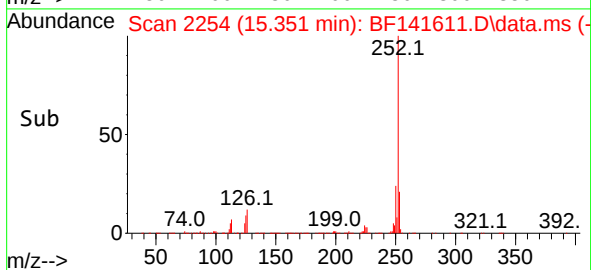
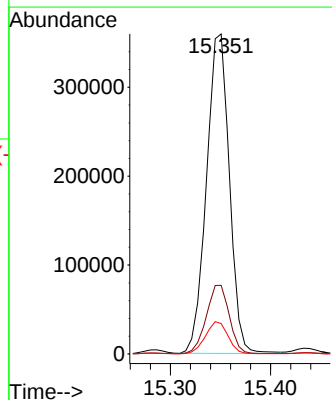
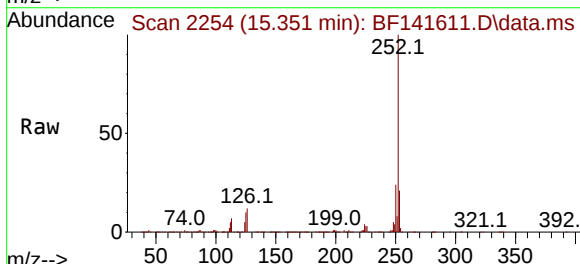
Manual Integrations
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Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#90
Benzo(a)pyrene
Concen: 47.809 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

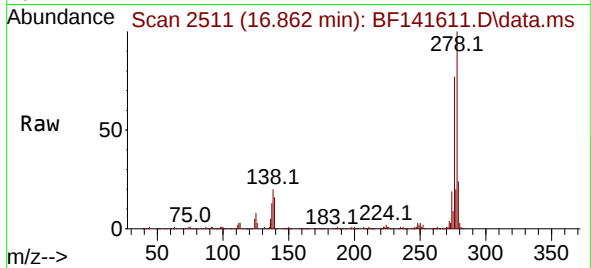
Tgt Ion:252 Resp: 570979
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.5 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 46.989 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

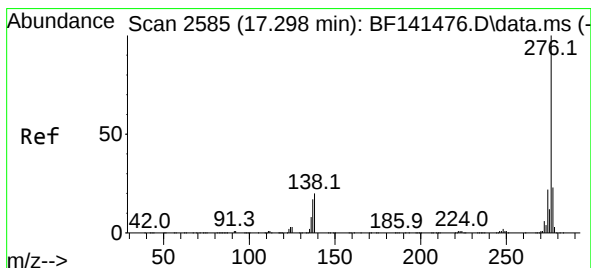
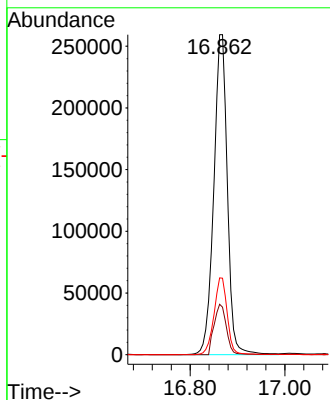
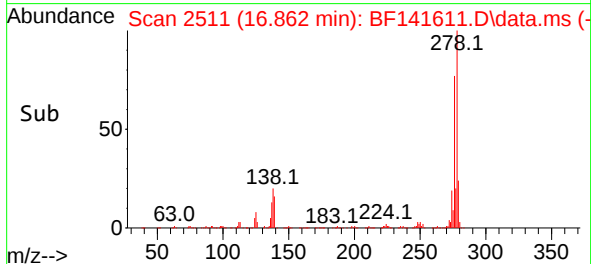
Instrument :
BNA_F
ClientSampleId :
WC-13MSD



Tgt Ion:278 Resp: 517134
Ion Ratio Lower Upper
278 100
139 15.7 11.8 17.6
279 24.0 19.1 28.7

Manual Integrations
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Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#92
Benzo(g,h,i)perylene
Concen: 43.762 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141611.D
Acq: 13 Feb 2025 13:44

Tgt Ion:276 Resp: 504001
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 19.5 15.9 23.9

