

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141573.D
 Acq On : 11 Feb 2025 20:11
 Operator : RC/JU
 Sample : Q1215-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MS

Quant Time: Feb 12 00:08:04 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 :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77607	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	287166	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	145781	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	213944	20.000	ng	0.00
76) Chrysene-d12	13.957	240	166810	20.000	ng	0.00
86) Perylene-d12	15.404	264	163116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	477086	96.376	ng	0.00
7) Phenol-d6	6.428	99	580198	92.732	ng	-0.01
23) Nitrobenzene-d5	7.351	82	397558	72.209	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	132136	90.230	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	692418	73.176	ng	0.00
79) Terphenyl-d14	12.892	244	583318	59.034	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	97239	48.806	ng	99
3) Pyridine	3.287	79	206639	43.585	ng	99
4) n-Nitrosodimethylamine	3.234	42	140096	44.627	ng	97
6) Aniline	6.451	93	103301	17.601	ng	# 51
8) 2-Chlorophenol	6.575	128	239596	44.793	ng	100
9) Benzaldehyde	6.339	77	195430	58.779	ng	99
10) Phenol	6.445	94	289881	44.515	ng	85
11) bis(2-Chloroethyl)ether	6.522	93	228943	46.807	ng	99
12) 1,3-Dichlorobenzene	6.728	146	259287	45.916	ng	98
13) 1,4-Dichlorobenzene	6.804	146	265055	45.940	ng	98
14) 1,2-Dichlorobenzene	6.957	146	248283	46.366	ng	100
15) Benzyl Alcohol	6.934	79	207989	43.350	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	376546	44.972	ng	85
17) 2-Methylphenol	7.051	107	187088	44.695	ng	96
18) Hexachloroethane	7.298	117	96008	44.963	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	167693	44.808	ng	100
20) 3+4-Methylphenols	7.204	107	244866	46.031	ng	94
22) Acetophenone	7.198	105	375710	52.595	ng	96
24) Nitrobenzene	7.369	77	248977	46.376	ng	100
25) Isophorone	7.610	82	438930	50.000	ng	98
26) 2-Nitrophenol	7.686	139	125964	47.159	ng	95
27) 2,4-Dimethylphenol	7.728	122	183107	58.682	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	270172	48.029	ng	100
29) 2,4-Dichlorophenol	7.933	162	194999	46.252	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	212812	46.353	ng	100
31) Naphthalene	8.092	128	704051	47.100	ng	100
32) Benzoic acid	7.851	122	136502	42.116	ng	98
33) 4-Chloroaniline	8.151	127	52415	10.043	ng	99
34) Hexachlorobutadiene	8.204	225	136802	49.634	ng	99
35) Caprolactam	8.510	113	65788m	51.251	ng	
36) 4-Chloro-3-methylphenol	8.633	107	204996	43.895	ng	100
37) 2-Methylnaphthalene	8.780	142	434342	44.652	ng	98
38) 1-Methylnaphthalene	8.880	142	412932	43.831	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	228072	54.076	ng	98
41) Hexachlorocyclopentadiene	8.933	237	77126	54.979	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	128073	46.984	ng	100

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 JPP-29.1-012825MS

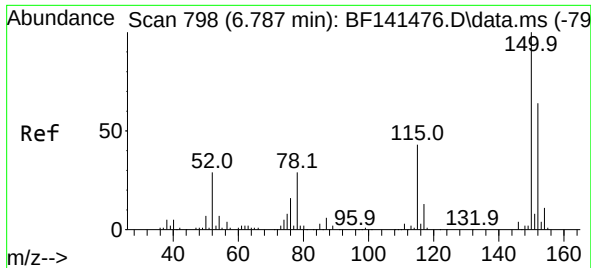
Quant Time: Feb 12 00:08:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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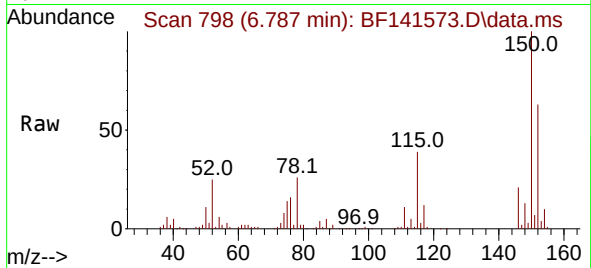
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	135865	45.990	ng	99
46) 1,1'-Biphenyl	9.245	154	609161	53.898	ng	99
47) 2-Chloronaphthalene	9.269	162	408164	48.838	ng	99
48) 2-Nitroaniline	9.369	65	131322	46.820	ng	99
49) Acenaphthylene	9.686	152	603329	48.534	ng	99
50) Dimethylphthalate	9.545	163	482543	48.758	ng	100
51) 2,6-Dinitrotoluene	9.610	165	102238	47.256	ng	99
52) Acenaphthene	9.857	154	401919	48.093	ng	100
53) 3-Nitroaniline	9.780	138	50932	21.873	ng	99
54) 2,4-Dinitrophenol	9.892	184	66715	51.885	ng	92
55) Dibenzofuran	10.027	168	550486	44.876	ng	100
56) 4-Nitrophenol	9.957	139	146759	84.902	ng	95
57) 2,4-Dinitrotoluene	10.016	165	129414	44.933	ng	99
58) Fluorene	10.374	166	430766	45.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	106602	41.913	ng	95
60) Diethylphthalate	10.245	149	451106	46.328	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	209301	45.869	ng	99
62) 4-Nitroaniline	10.392	138	83129	35.158	ng	99
63) Azobenzene	10.522	77	453856	46.886	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	46539	31.315	ng	93
66) n-Nitrosodiphenylamine	10.480	169	365475	53.365	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	122445	51.209	ng	99
68) Hexachlorobenzene	10.922	284	123400	50.118	ng	99
69) Atrazine	11.010	200	135307	65.856	ng	99
70) Pentachlorophenol	11.122	266	130475	82.874	ng	99
71) Phenanthrene	11.333	178	836700	71.047	ng	100
72) Anthracene	11.386	178	630026	53.219	ng	100
73) Carbazole	11.545	167	499177	46.862	ng	100
74) Di-n-butylphthalate	11.874	149	628802	51.124	ng	100
75) Fluoranthene	12.527	202	1086850	87.049	ng	99
77) Benzidine	12.645	184	130042	35.348	ng	99
78) Pyrene	12.757	202	1108693	78.077	ng	100
80) Butylbenzylphthalate	13.368	149	244644	49.740	ng	99
81) Benzo(a)anthracene	13.945	228	837812	75.557	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	102012	32.116	ng	99
83) Chrysene	13.980	228	709686	69.316	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	330164	59.518	ng	99
85) Di-n-octyl phthalate	14.545	149	564735	71.362	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	505098	50.115	ng	99
88) Benzo(b)fluoranthene	14.992	252	846904	77.326	ng	99
89) Benzo(k)fluoranthene	15.015	252	537534m	57.475	ng	
90) Benzo(a)pyrene	15.345	252	660314	74.508	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	349535	42.800	ng	99
92) Benzo(g,h,i)perylene	17.280	276	399380	46.732	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

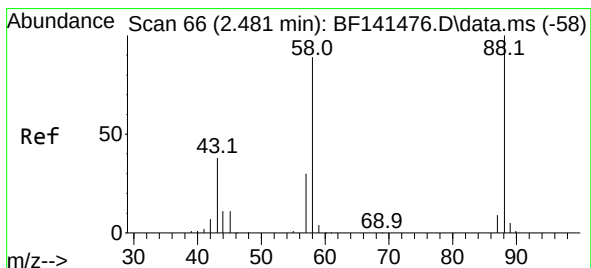
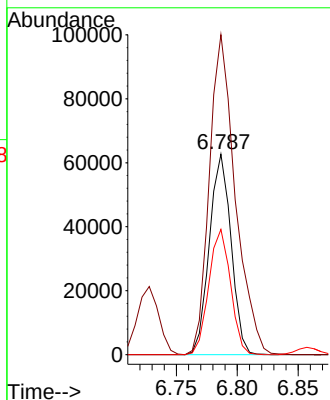
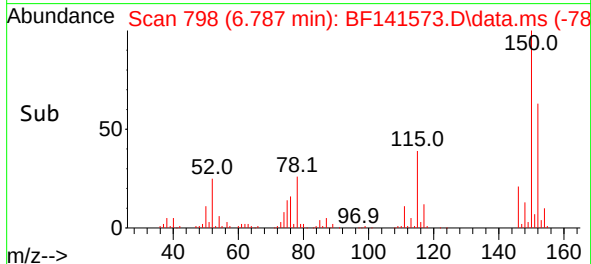
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:152 Resp: 7760
Ion Ratio Lower Upper
152 100
150 159.6 125.0 187.4
115 62.5 53.6 80.4

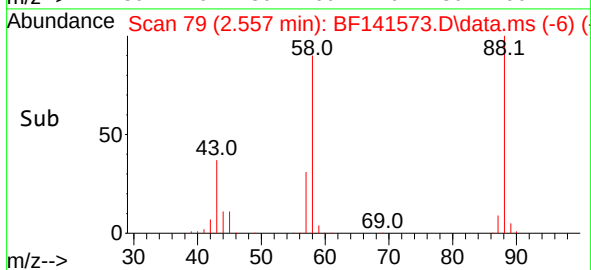
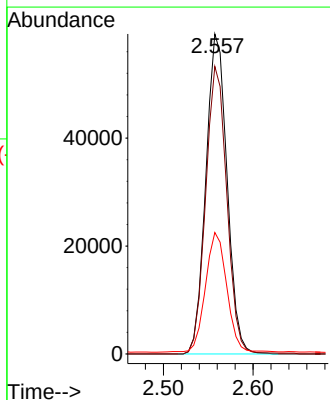
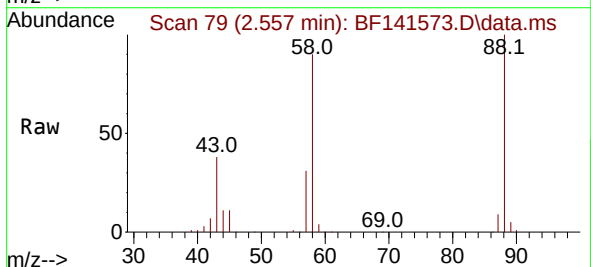
Manual Integrations
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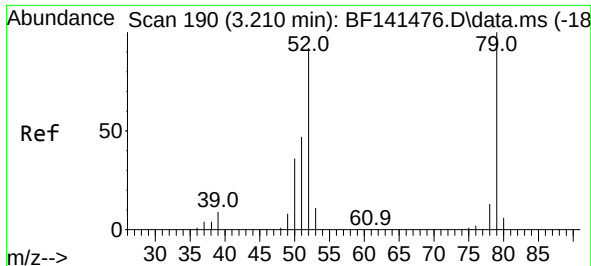
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 48.806 ng
RT: 2.557 min Scan# 79
Delta R.T. 0.077 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

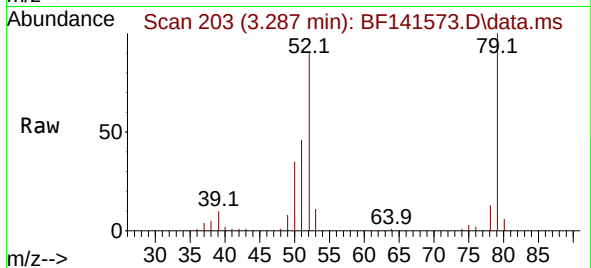
Tgt Ion: 88 Resp: 97239
Ion Ratio Lower Upper
88 100
58 89.9 71.1 106.7
43 37.8 30.6 46.0





#3
Pyridine
Concen: 43.585 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

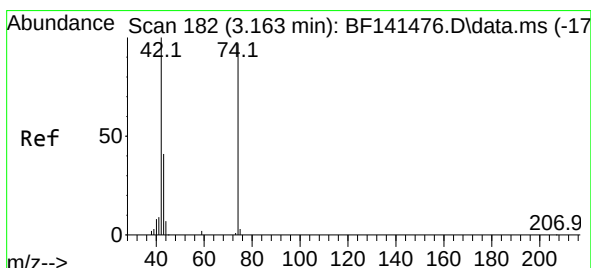
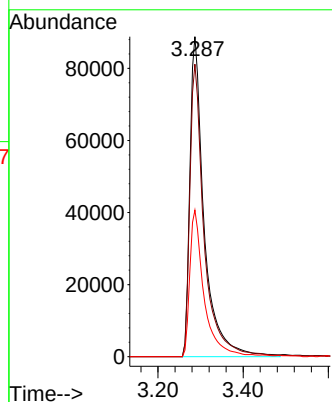
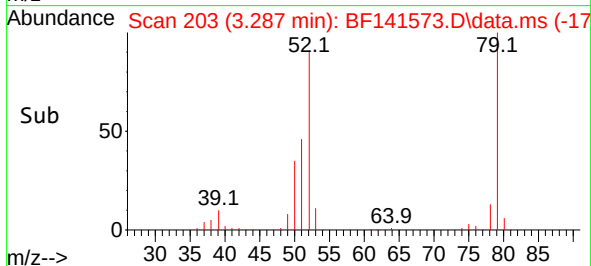
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ClientSampleId :
JPP-29.1-012825MS



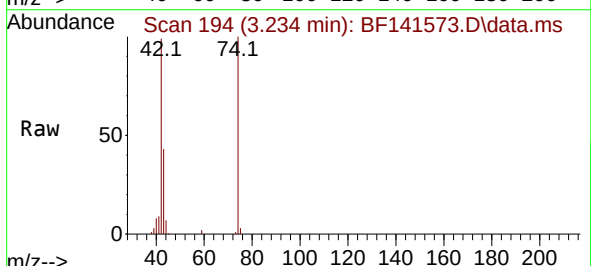
Tgt Ion: 79 Resp: 206639
Ion Ratio Lower Upper
79 100
52 91.4 73.7 110.5
51 45.8 37.5 56.3

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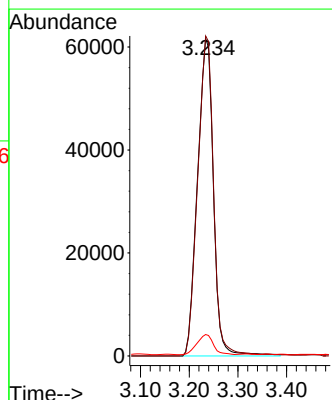
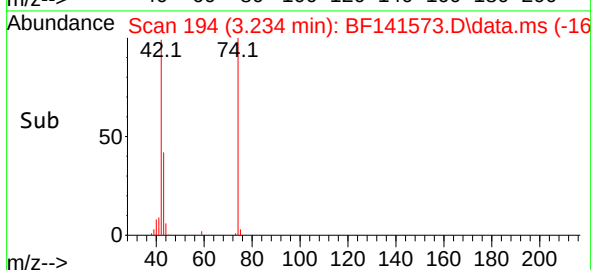
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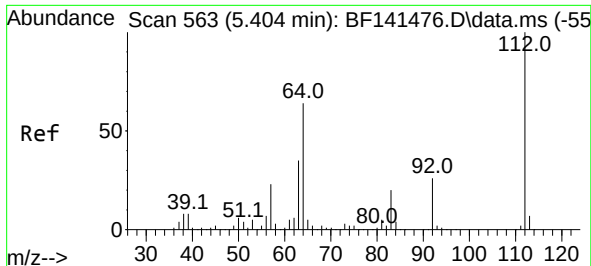


#4
n-Nitrosodimethylamine
Concen: 44.627 ng
RT: 3.234 min Scan# 194
Delta R.T. 0.047 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



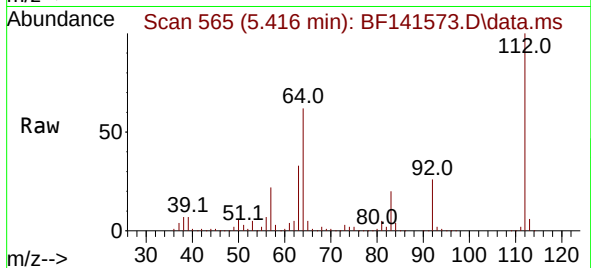
Tgt Ion: 42 Resp: 140096
Ion Ratio Lower Upper
42 100
74 100.9 78.0 117.0
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 96.376 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

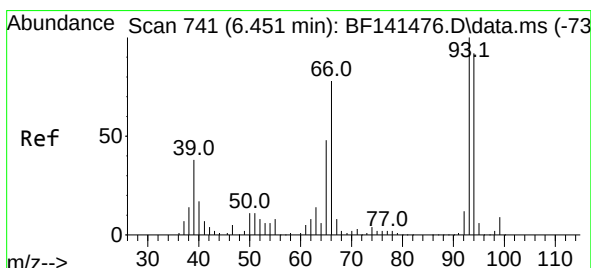
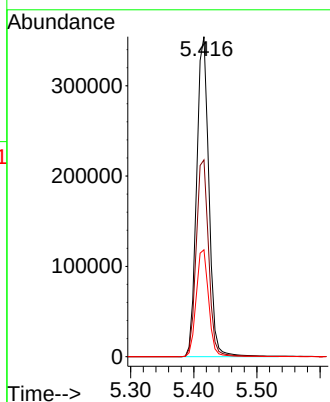
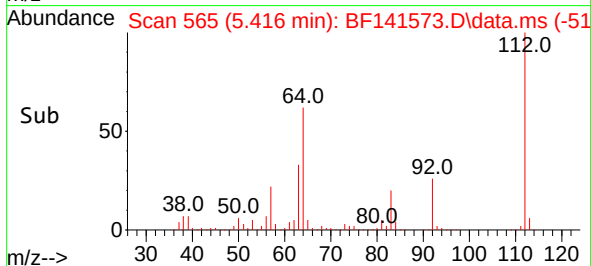
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JPP-29.1-012825MS



Tgt Ion:112 Resp: 477086
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 33.4 28.4 42.6

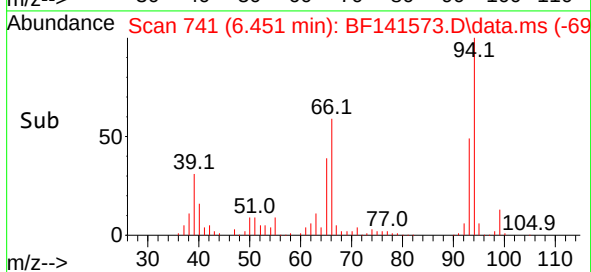
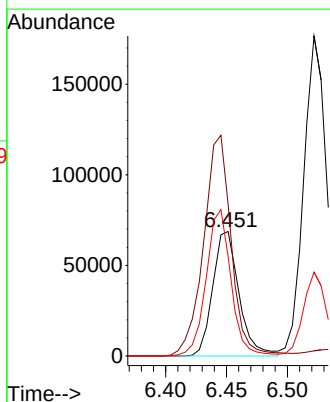
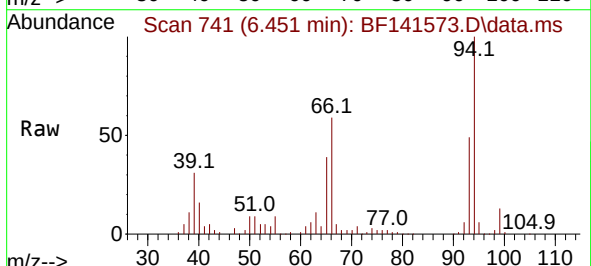
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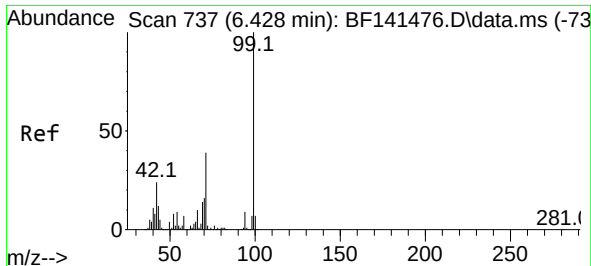
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 17.601 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

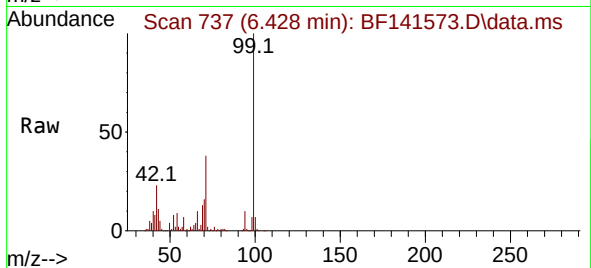
Tgt Ion: 93 Resp: 103301
Ion Ratio Lower Upper
93 100
66 121.8 62.6 94.0#
65 79.9 38.3 57.5#





#7
Phenol-d6
Concen: 92.732 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

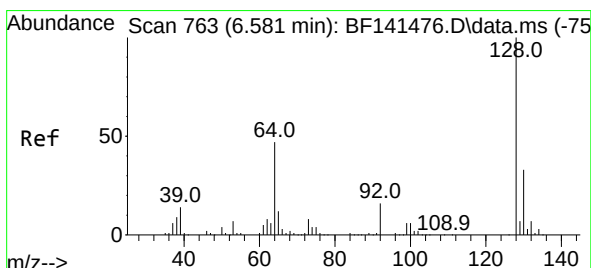
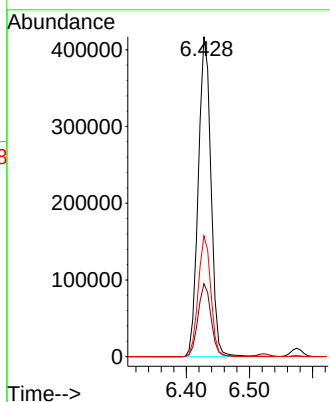
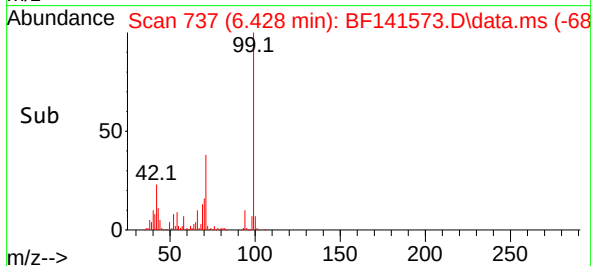
Instrument :
BNA_F
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JPP-29.1-012825MS



Tgt Ion: 99 Resp: 580198
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 37.7 31.1 46.7

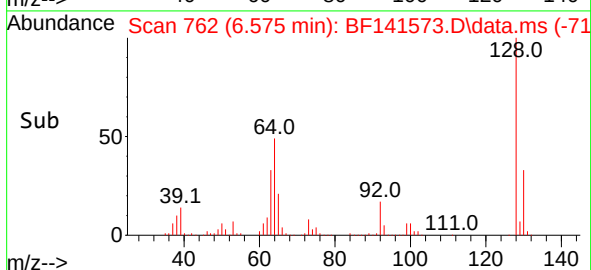
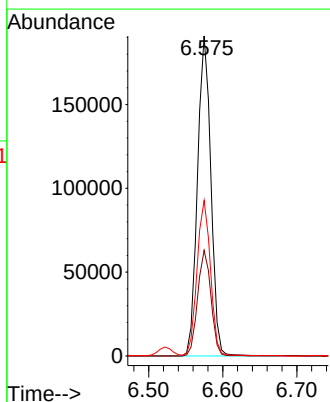
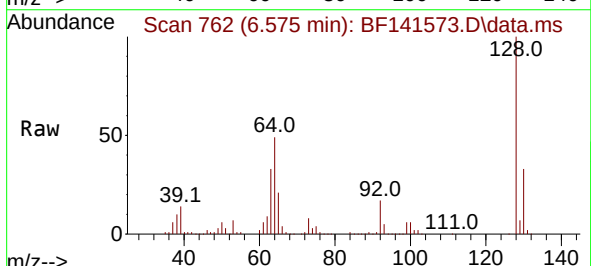
Manual Integrations
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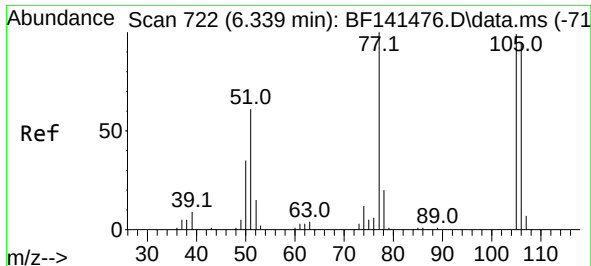
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#8
2-Chlorophenol
Concen: 44.793 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

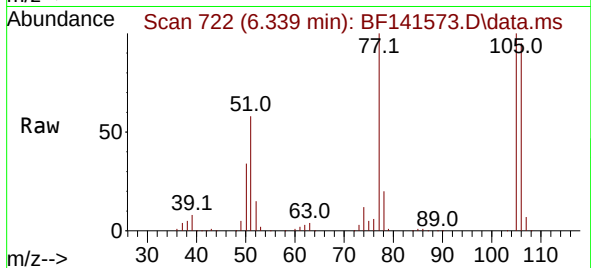
Tgt Ion:128 Resp: 239596
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 48.6 28.3 68.3





#9
Benzaldehyde
Concen: 58.779 ng
RT: 6.339 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

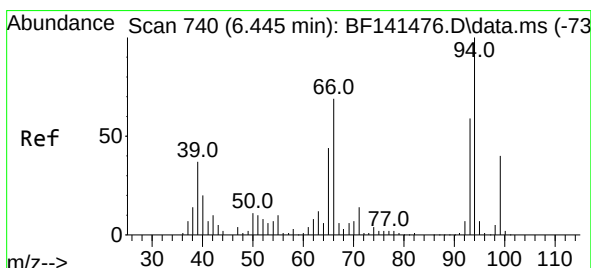
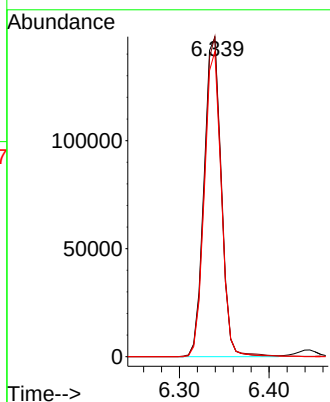
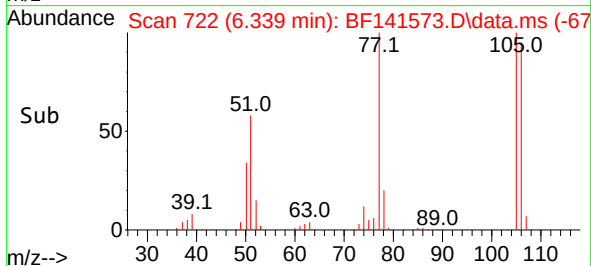
Instrument :
BNA_F
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JPP-29.1-012825MS



Tgt Ion: 77 Resp: 195430
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 95.6 75.1 115.1

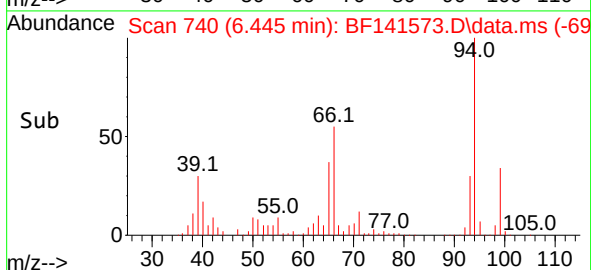
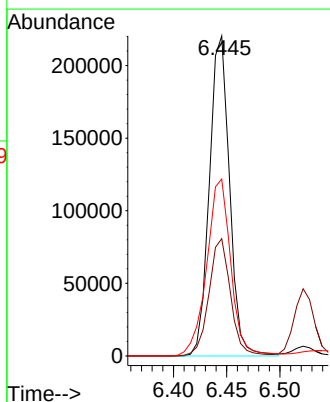
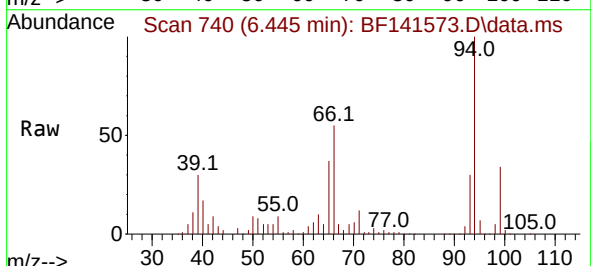
Manual Integrations
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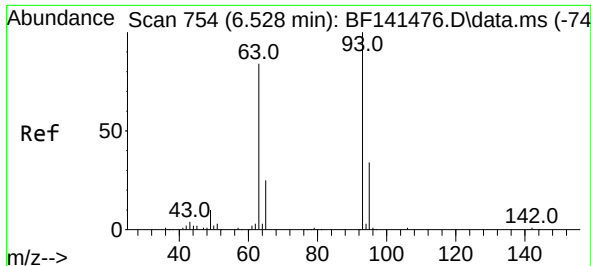
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 44.515 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion: 94 Resp: 289881
Ion Ratio Lower Upper
94 100
65 36.7 23.7 63.7
66 55.3 49.3 89.3





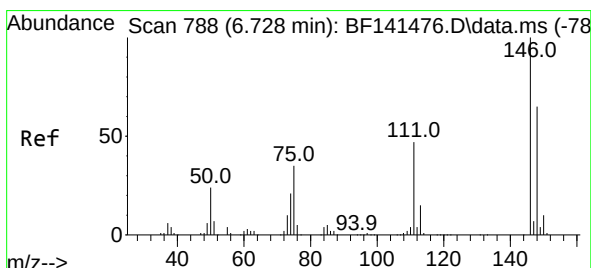
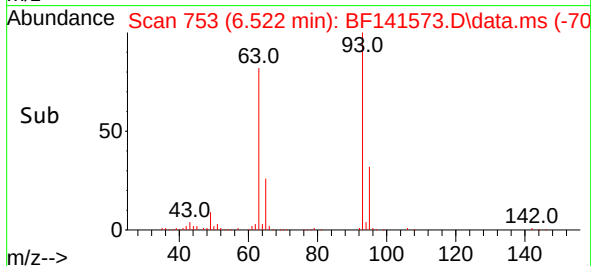
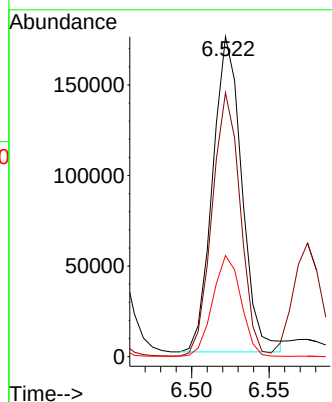
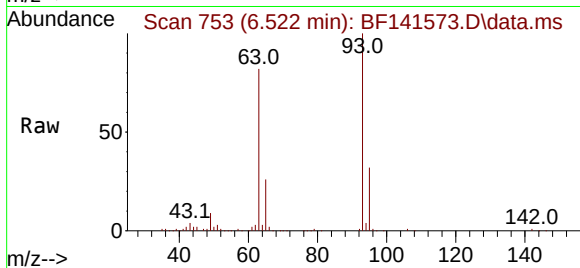
#11
bis(2-Chloroethyl)ether
Concen: 46.807 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS

Tgt Ion: 93 Resp: 22894
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 31.6 12.6 52.6

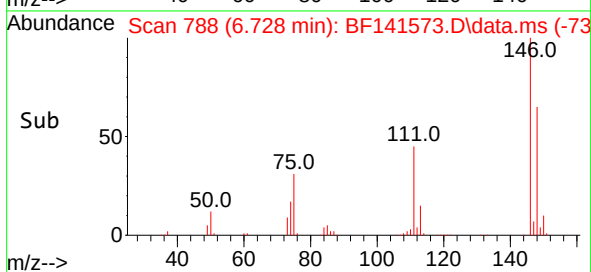
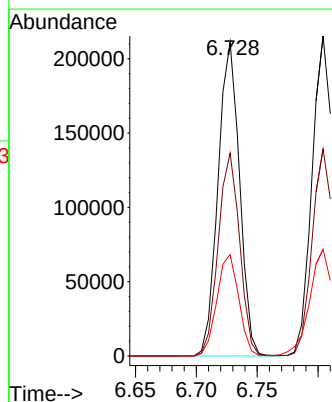
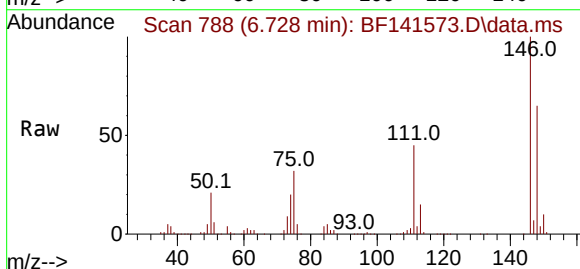
Manual Integrations
APPROVED

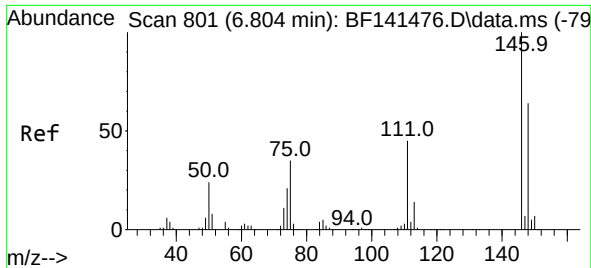
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 45.916 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:146 Resp: 259287
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 32.3 28.2 42.2





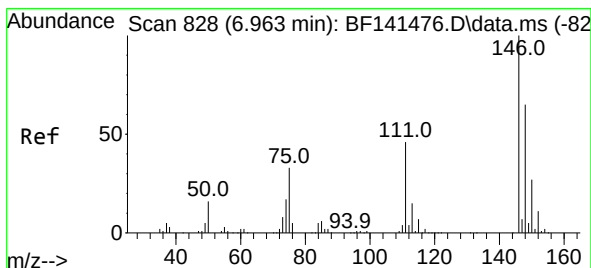
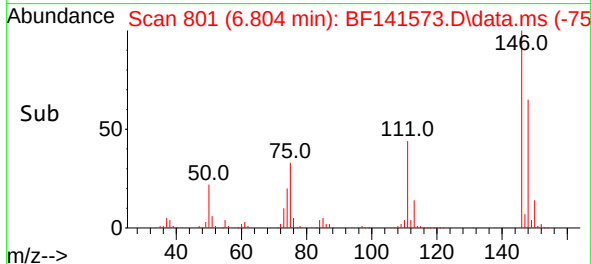
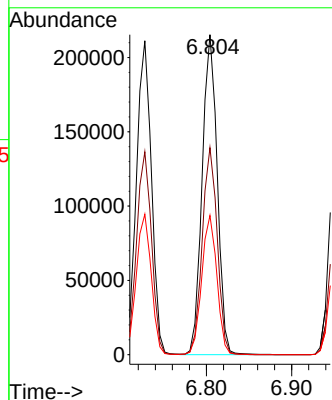
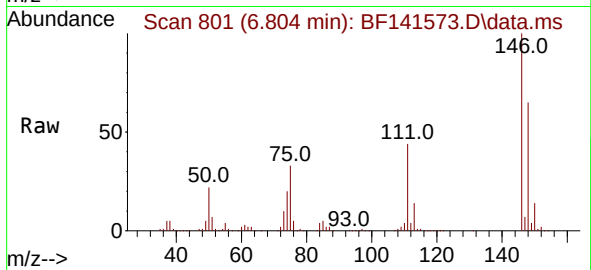
#13
1,4-Dichlorobenzene
Concen: 45.940 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS

Tgt Ion:146 Resp: 26505
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 43.5 35.9 53.9

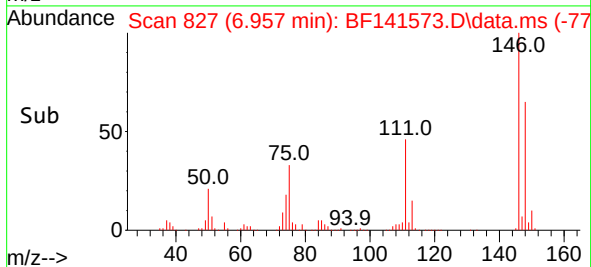
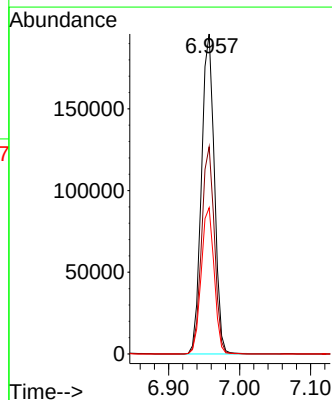
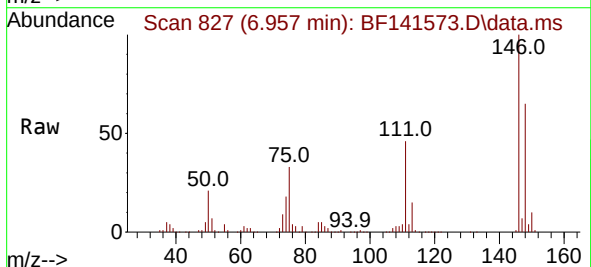
Manual Integrations
APPROVED

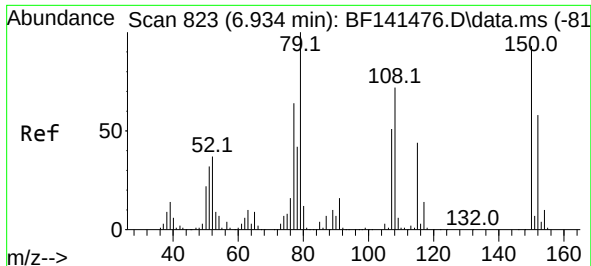
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 46.366 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

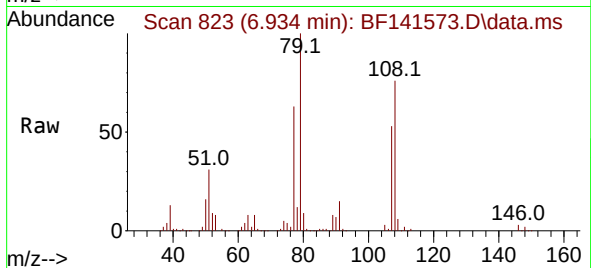
Tgt Ion:146 Resp: 248283
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
111 45.7 37.0 55.4





#15
Benzyl Alcohol
Concen: 43.350 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

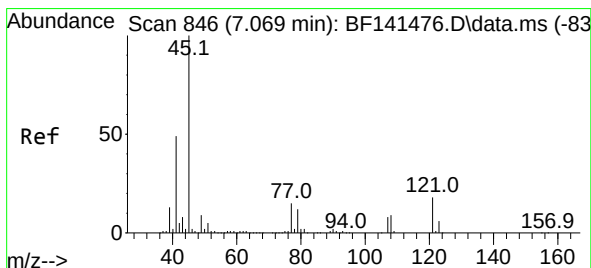
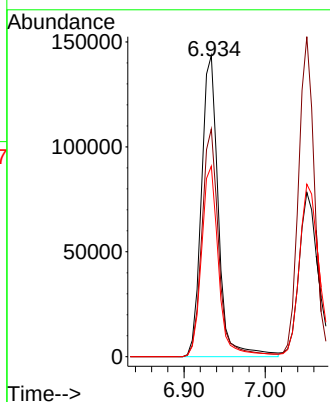
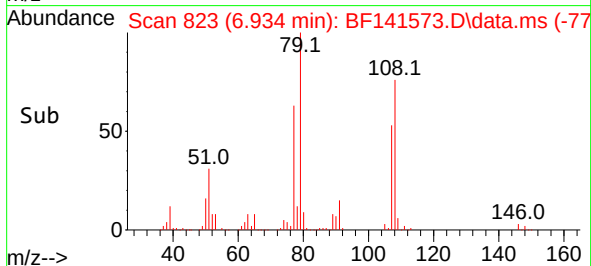
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion: 79 Resp: 207985
Ion Ratio Lower Upper
79 100
108 75.6 57.4 86.2
77 63.3 50.9 76.3

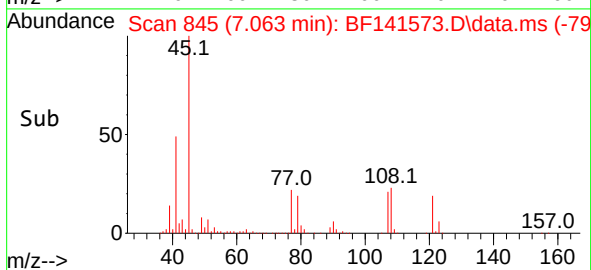
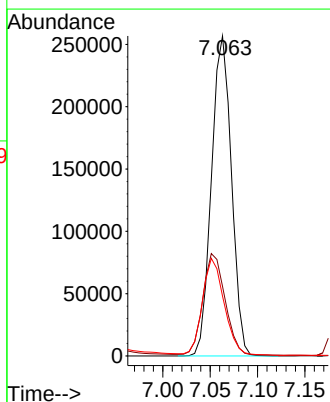
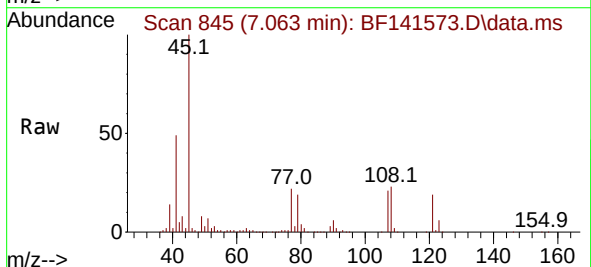
Manual Integrations
APPROVED

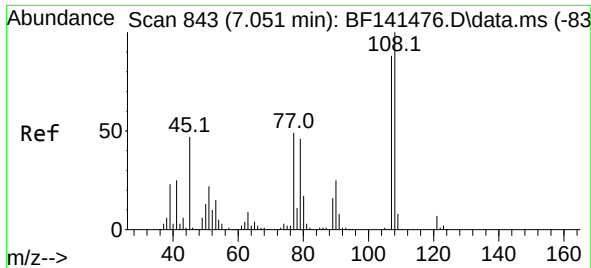
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.972 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

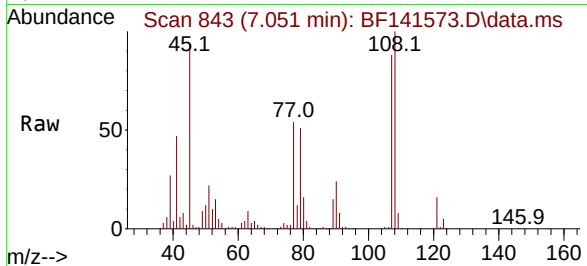
Tgt Ion: 45 Resp: 376546
Ion Ratio Lower Upper
45 100
77 21.8 0.0 35.8
79 18.7 0.0 32.7





#17
2-Methylphenol
Concen: 44.695 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

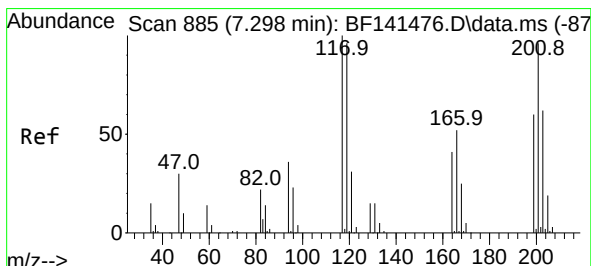
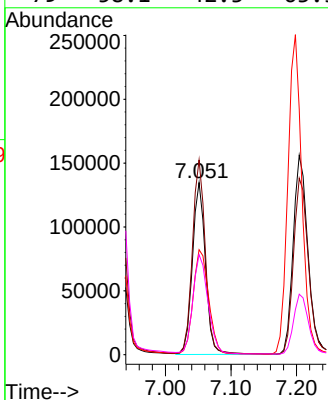
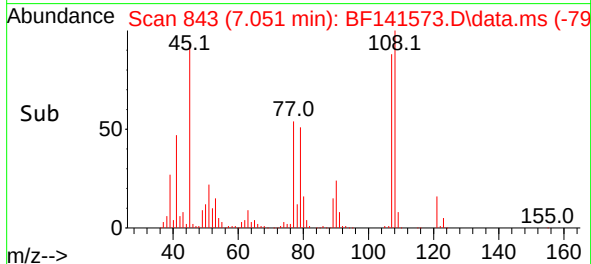
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:107 Resp: 187088
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 61.0 44.4 66.6
79 58.1 42.3 63.5

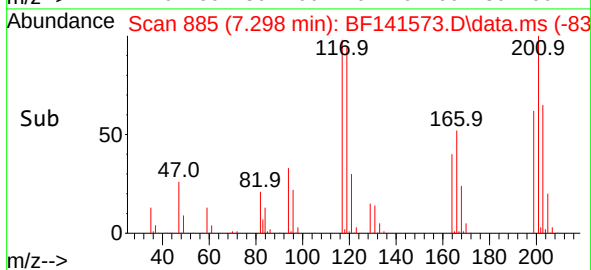
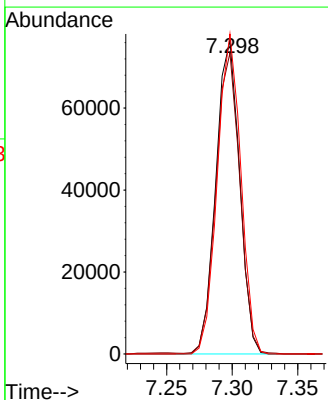
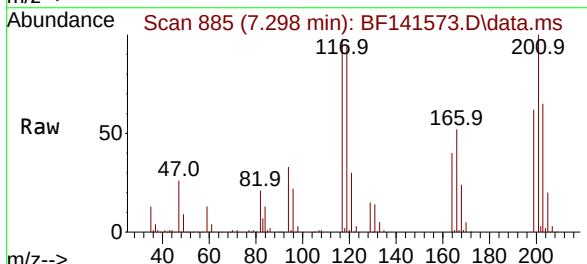
Manual Integrations
APPROVED

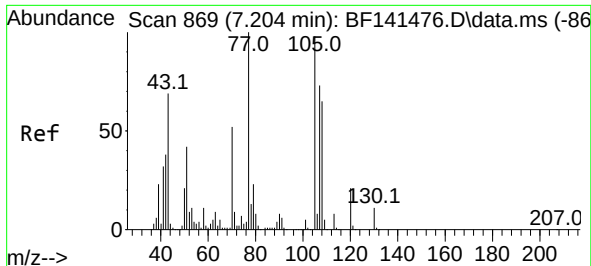
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#18
Hexachloroethane
Concen: 44.963 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

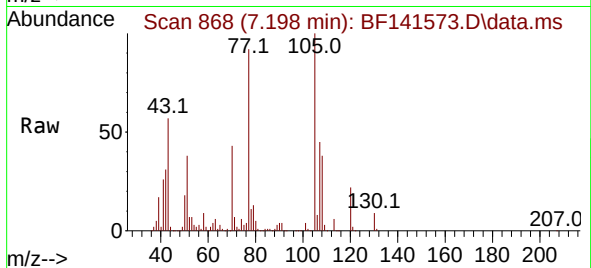
Tgt Ion:117 Resp: 96008
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 102.0 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.808 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

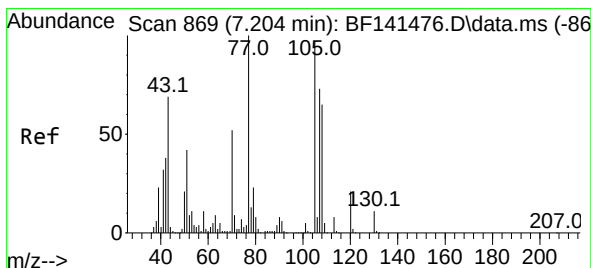
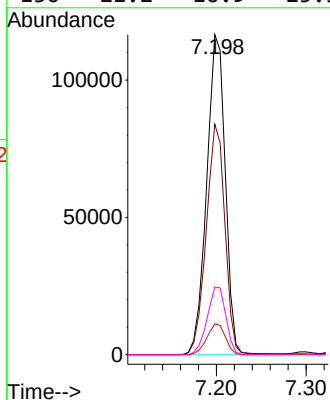
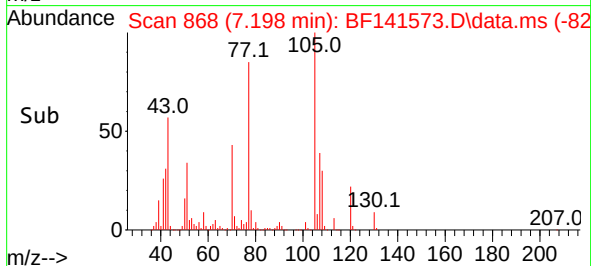
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



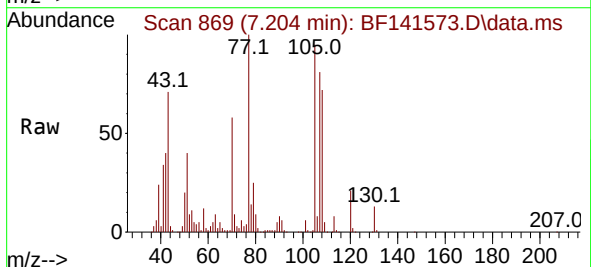
Tgt Ion: 70 Resp: 16769
Ion Ratio Lower Upper
70 100
42 72.0 57.4 86.2
101 9.6 8.0 12.0
130 21.2 16.9 25.3

Manual Integrations
APPROVED

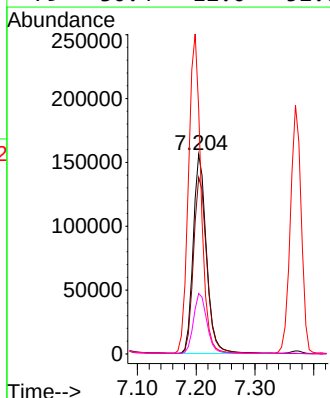
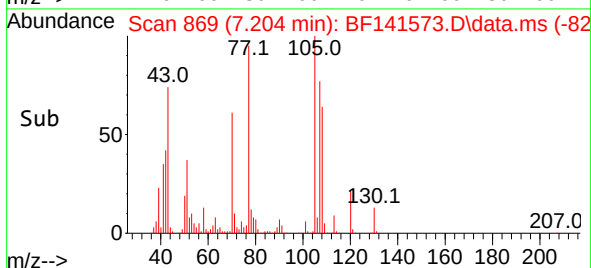
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

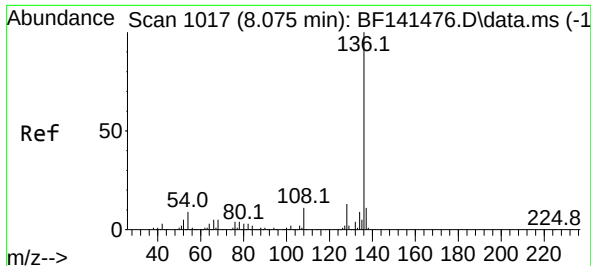


#20
3+4-Methylphenols
Concen: 46.031 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



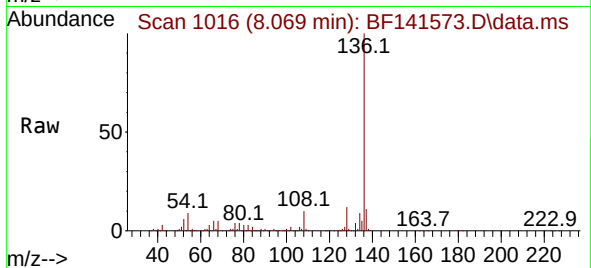
Tgt Ion:107 Resp: 244866
Ion Ratio Lower Upper
107 100
108 88.4 68.5 108.5
77 123.0 116.5 156.5
79 30.4 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

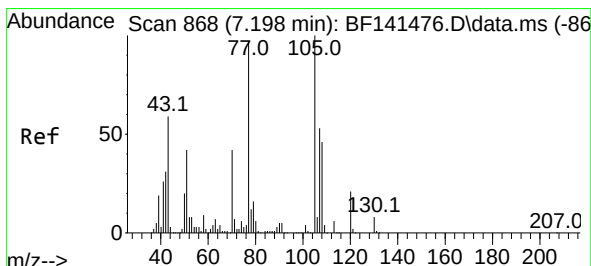
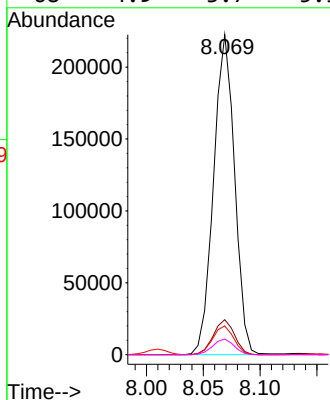
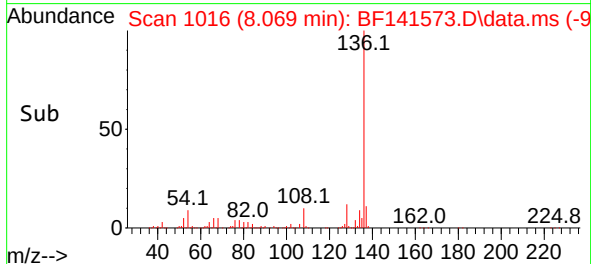
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:136 Resp: 287160
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.2 10.8
68 4.9 3.7 5.5

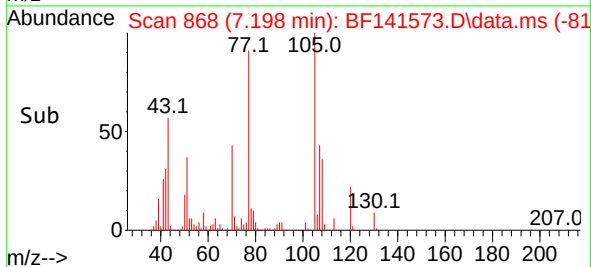
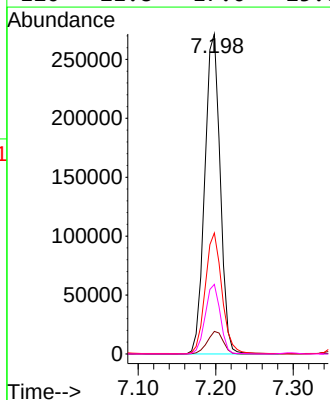
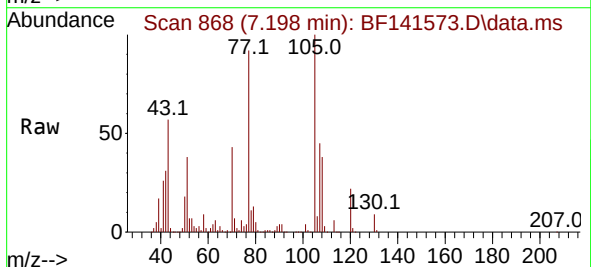
Manual Integrations
APPROVED

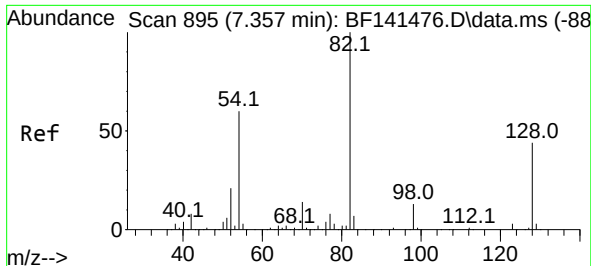
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 52.595 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:105 Resp: 375710
Ion Ratio Lower Upper
105 100
71 7.1 5.7 8.5
51 37.8 33.7 50.5
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 72.209 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

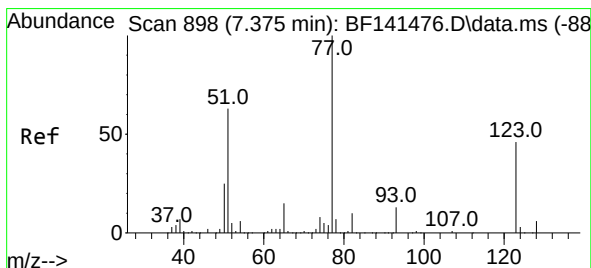
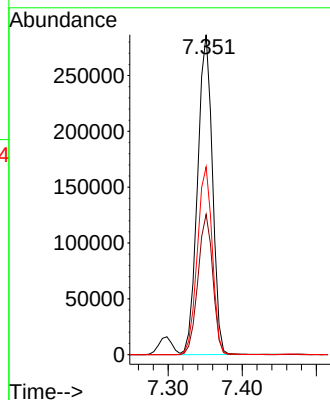
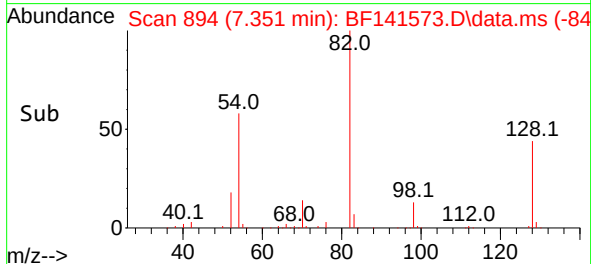
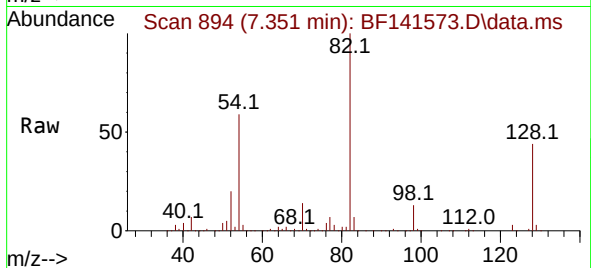
JPP-29.1-012825MS

Tgt Ion: 82 Resp: 397558
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.8 52.2
 54 58.7 48.2 72.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 46.376 ng

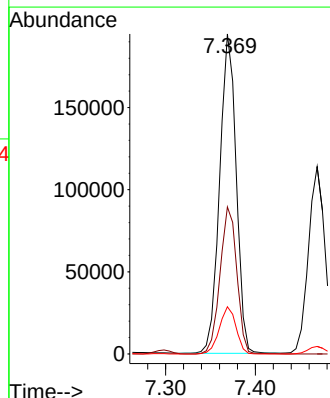
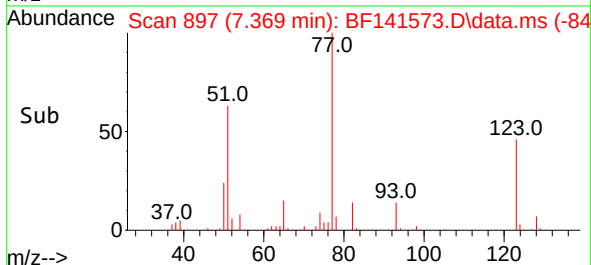
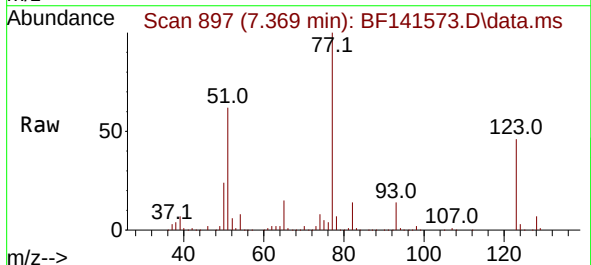
RT: 7.369 min Scan# 897

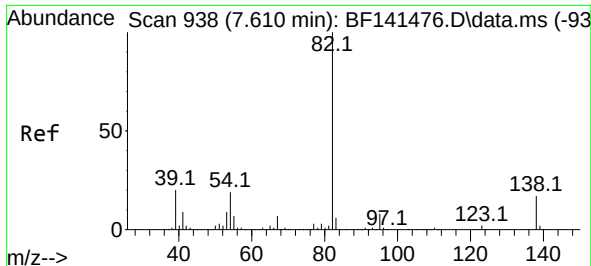
Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

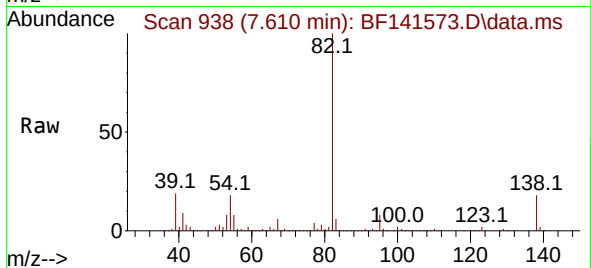
Tgt Ion: 77 Resp: 248977
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.9 55.3
 65 14.8 11.9 17.9





#25
Isophorone
Concen: 50.000 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

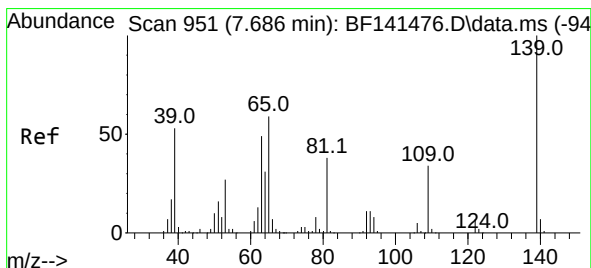
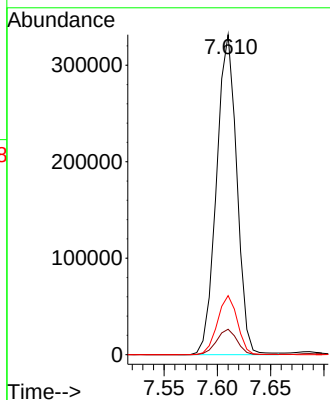
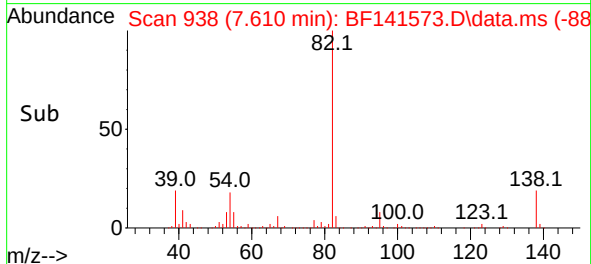
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion: 82 Resp: 438930
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.4 13.9 20.9

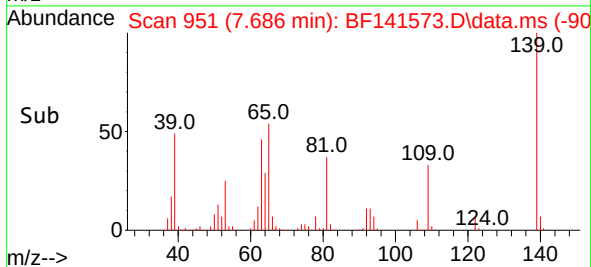
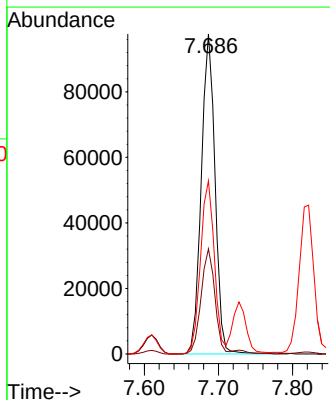
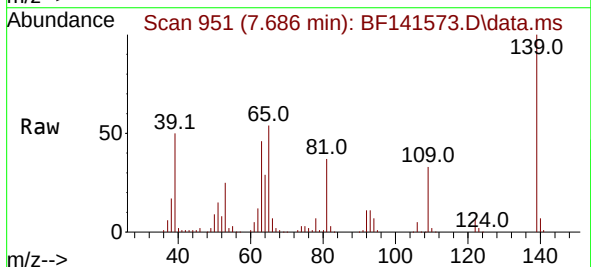
Manual Integrations
APPROVED

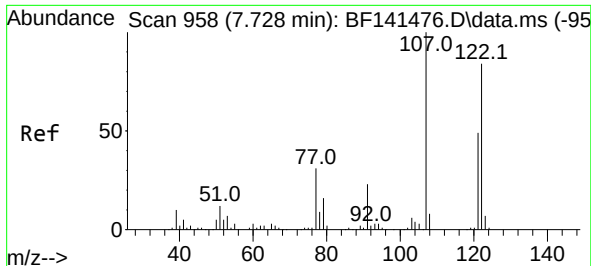
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 47.159 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

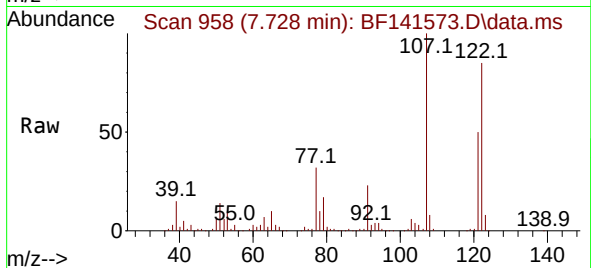
Tgt Ion:139 Resp: 125964
Ion Ratio Lower Upper
139 100
109 32.8 27.0 40.6
65 54.1 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 58.682 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

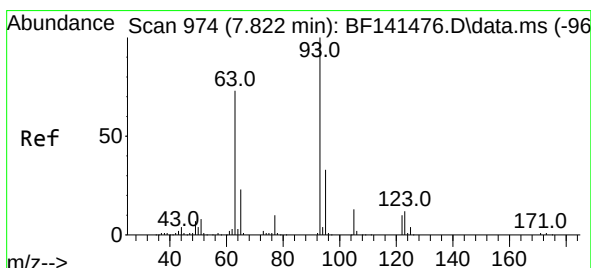
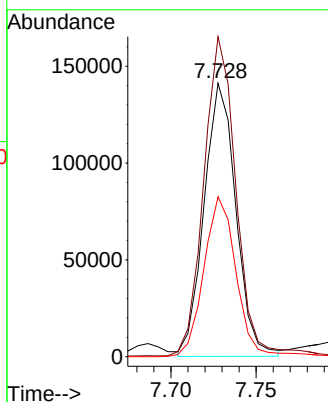
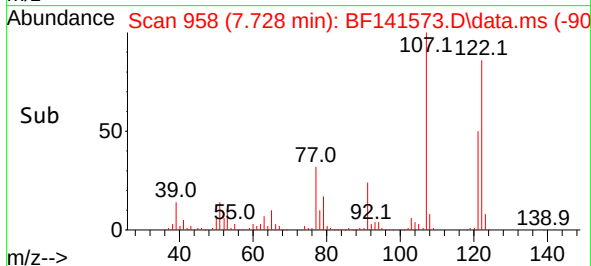
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:122 Resp: 18310
Ion Ratio Lower Upper
122 100
107 117.0 94.3 141.5
121 58.5 46.0 69.0

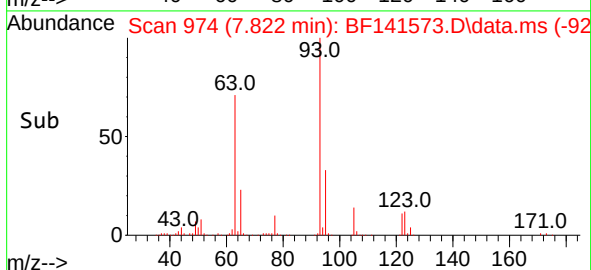
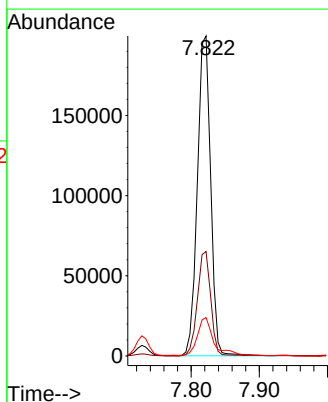
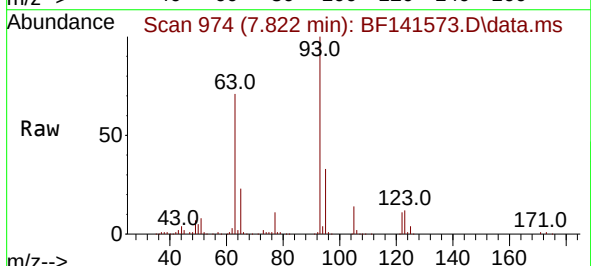
Manual Integrations
APPROVED

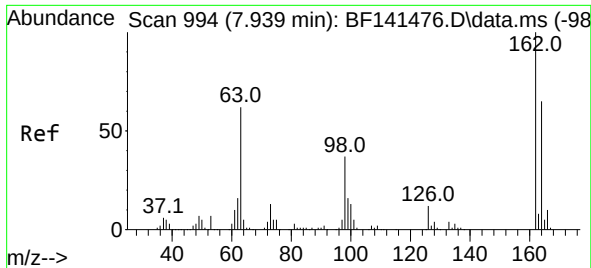
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.029 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

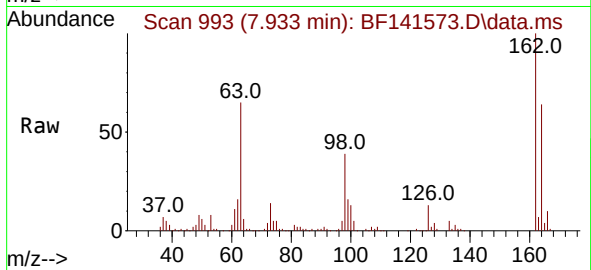
Tgt Ion: 93 Resp: 270172
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.0 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 46.252 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

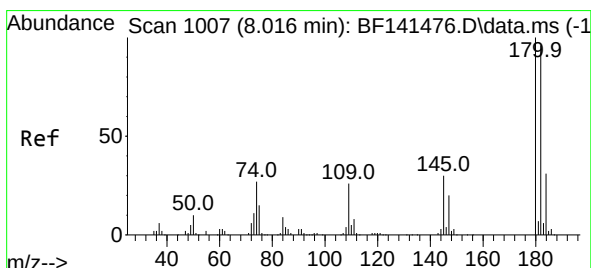
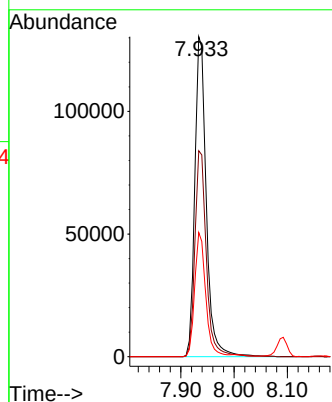
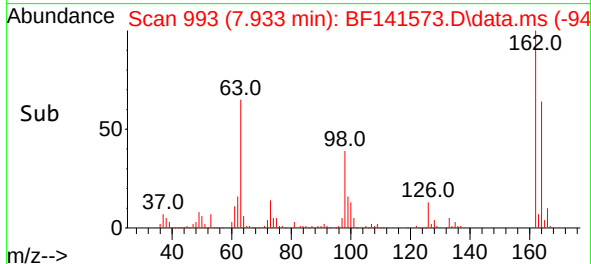
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:162 Resp: 194999
Ion Ratio Lower Upper
162 100
164 64.4 44.6 84.6
98 38.8 17.2 57.2

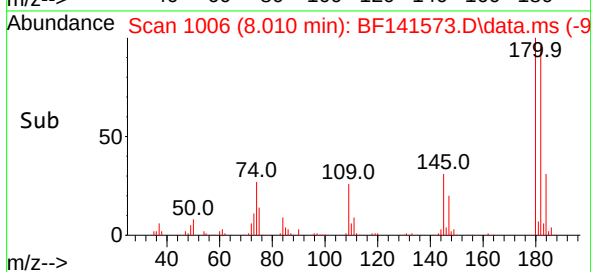
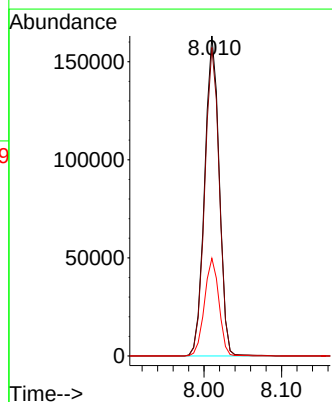
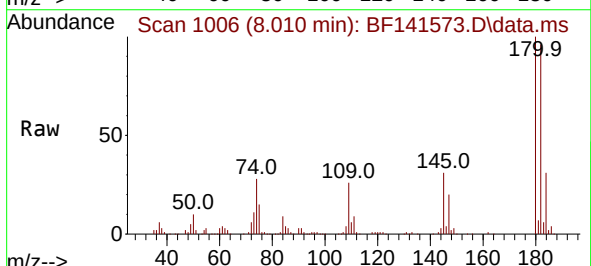
Manual Integrations
APPROVED

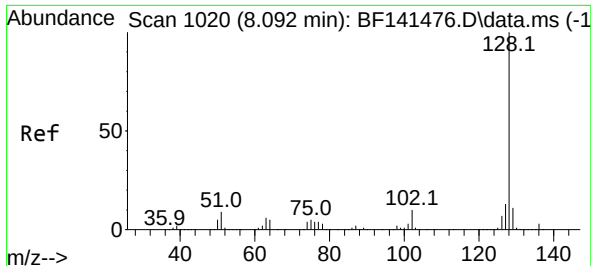
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.353 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

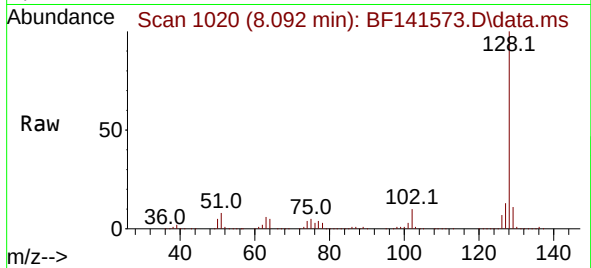
Tgt Ion:180 Resp: 212812
Ion Ratio Lower Upper
180 100
182 96.4 76.8 115.2
145 30.5 24.2 36.4





#31
Naphthalene
Concen: 47.100 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

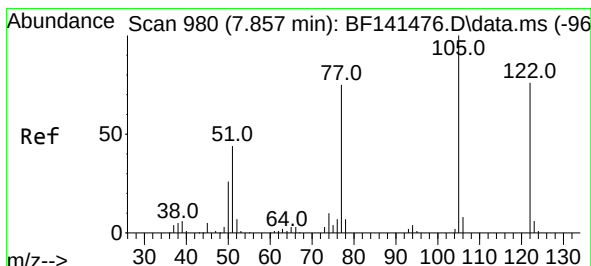
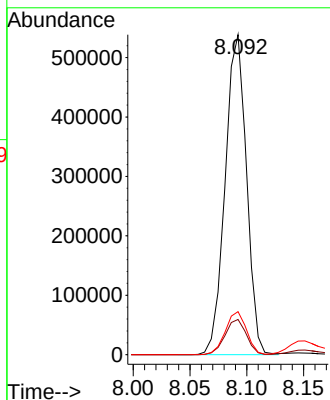
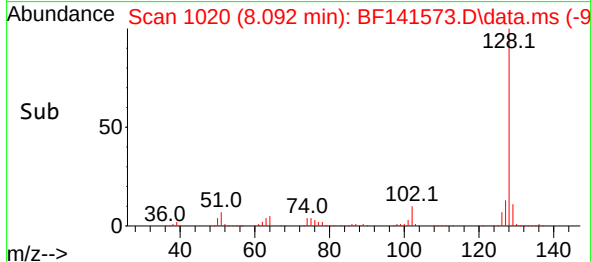
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



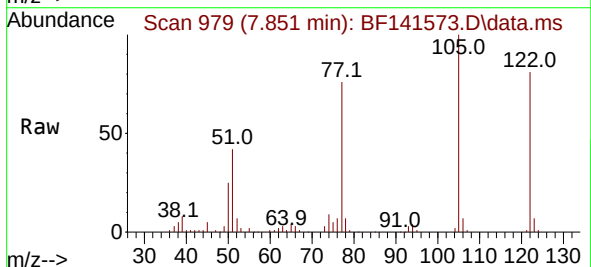
Tgt Ion:128 Resp: 70405
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1

Manual Integrations
APPROVED

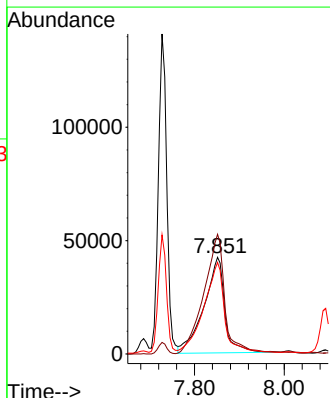
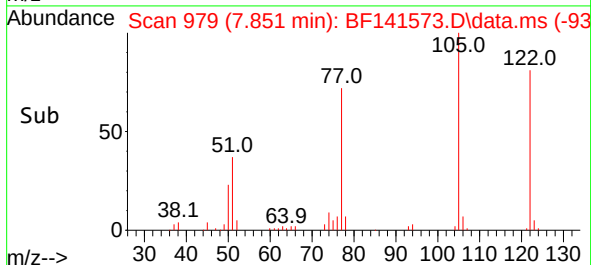
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

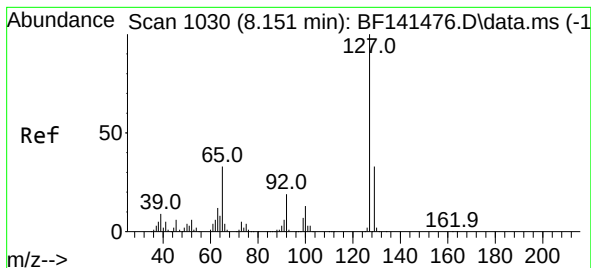


#32
Benzoic acid
Concen: 42.116 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.041 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



Tgt Ion:122 Resp: 136502
Ion Ratio Lower Upper
122 100
105 123.9 106.5 146.5
77 94.7 76.3 116.3





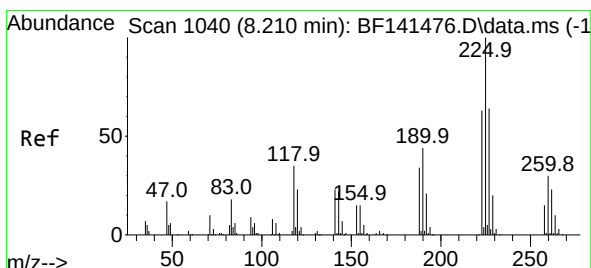
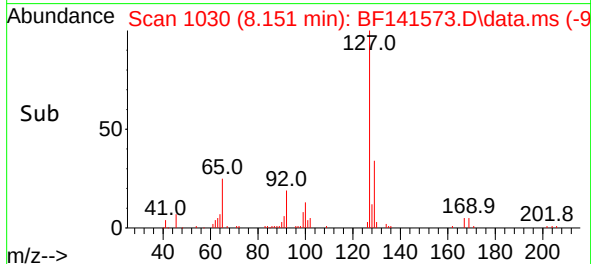
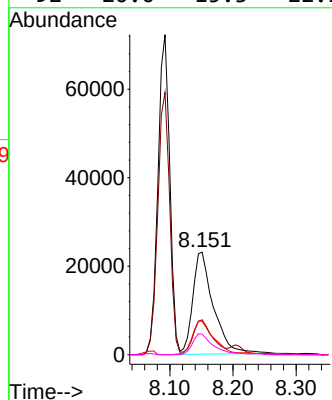
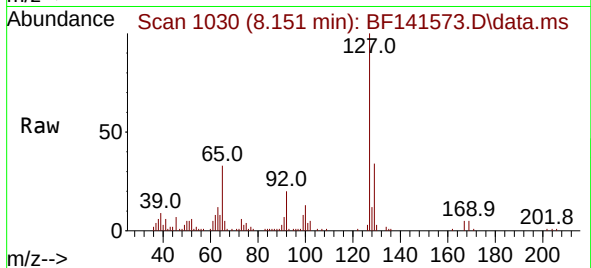
#33
4-Chloroaniline
Concen: 10.043 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS

Tgt Ion:	127	Resp:	5241
Ion Ratio	Lower	Upper	
127	100		
129	34.0	26.5	39.7
65	32.6	26.4	39.6
92	20.0	15.3	22.9

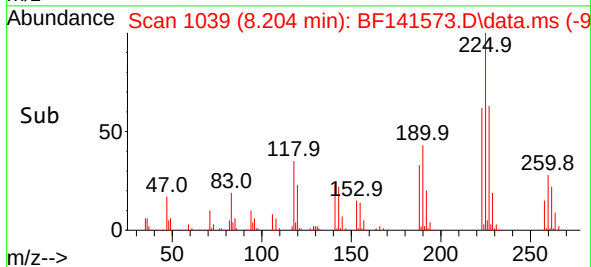
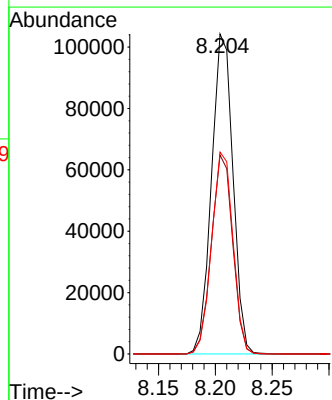
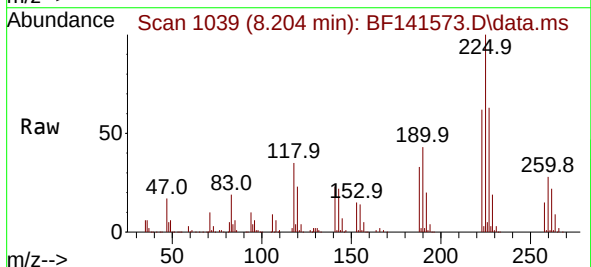
Manual Integrations
APPROVED

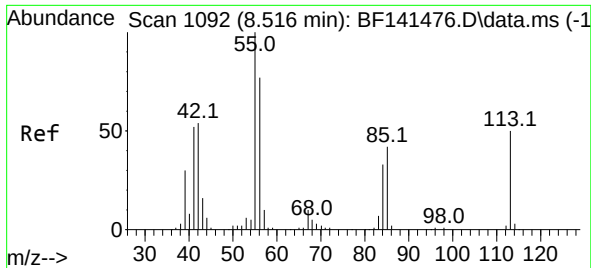
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#34
Hexachlorobutadiene
Concen: 49.634 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

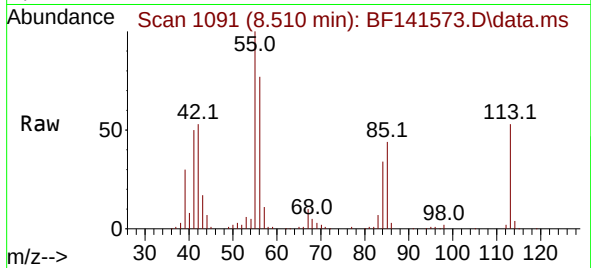
Tgt Ion:	225	Resp:	136802
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.1	75.1
227	63.1	51.0	76.6





#35
Caprolactam
Concen: 51.251 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

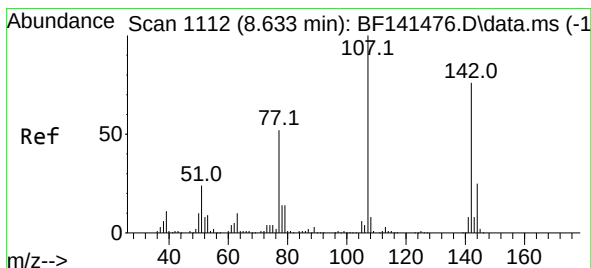
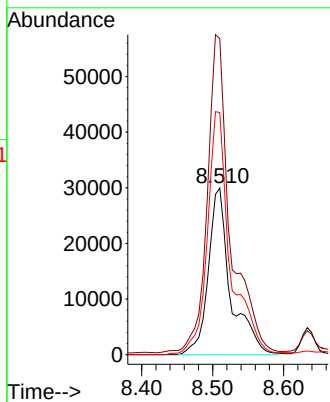
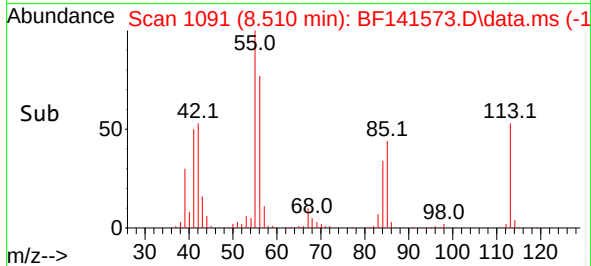
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:113 Resp: 65788
Ion Ratio Lower Upper
113 100
55 189.8 180.8 220.8
56 145.4 133.6 173.6

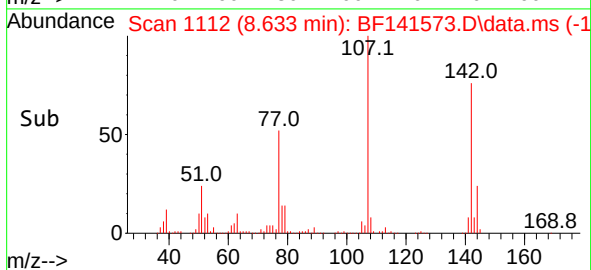
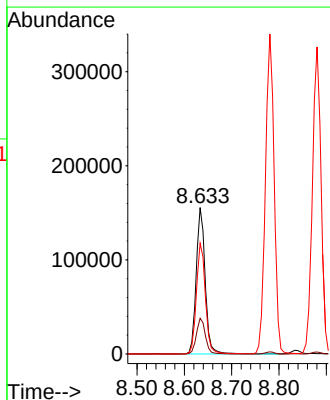
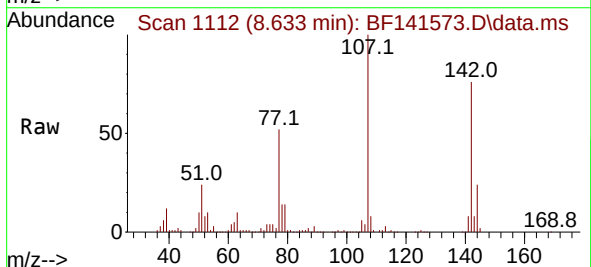
Manual Integrations
APPROVED

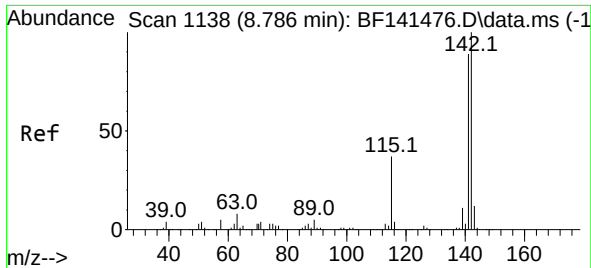
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 43.895 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

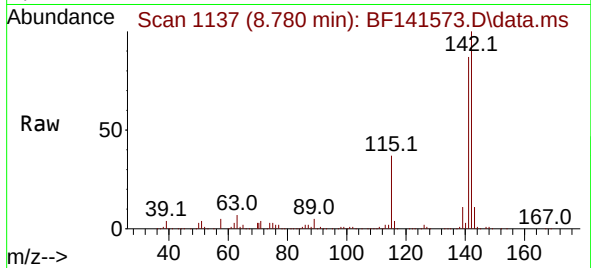
Tgt Ion:107 Resp: 204996
Ion Ratio Lower Upper
107 100
144 24.4 19.7 29.5
142 75.6 60.8 91.2





#37
2-Methylnaphthalene
Concen: 44.652 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

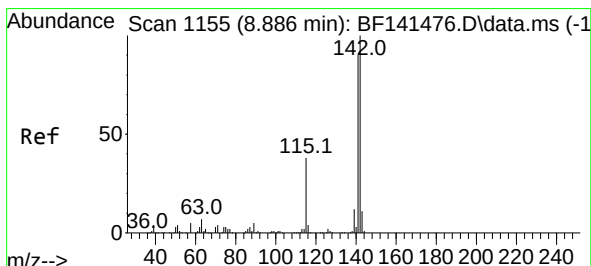
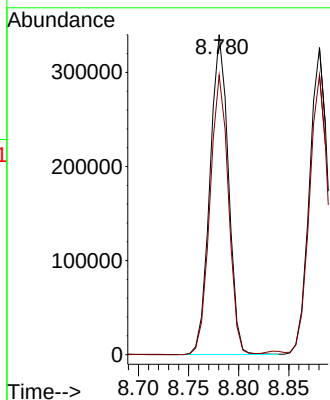
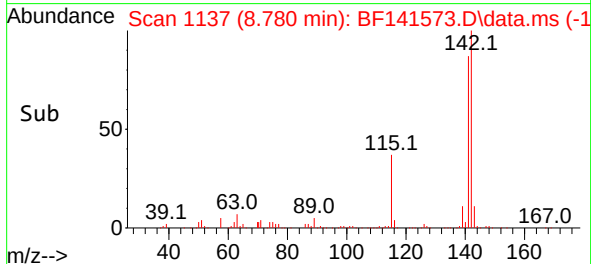
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:142 Resp: 43434
Ion Ratio Lower Upper
142 100
141 87.3 71.2 106.8

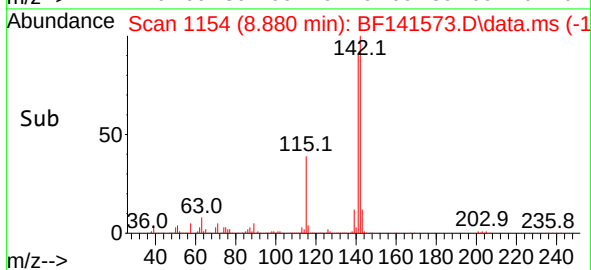
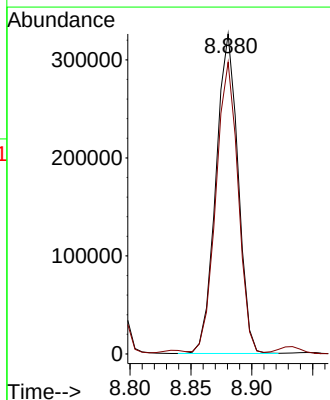
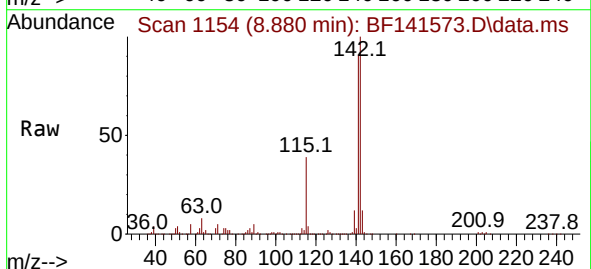
Manual Integrations
APPROVED

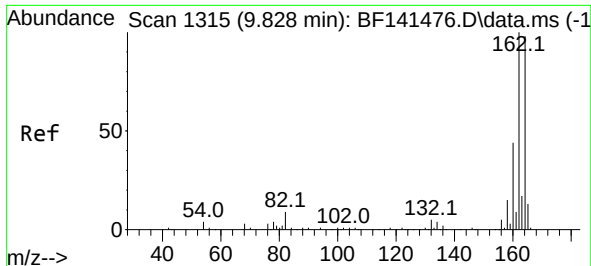
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 43.831 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

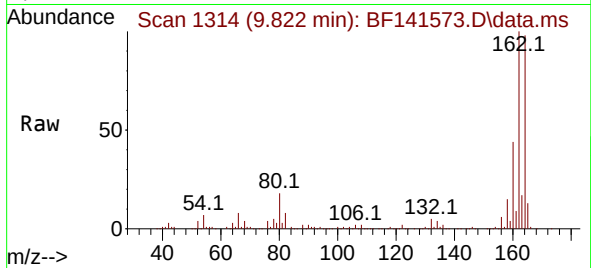
Tgt Ion:142 Resp: 412932
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

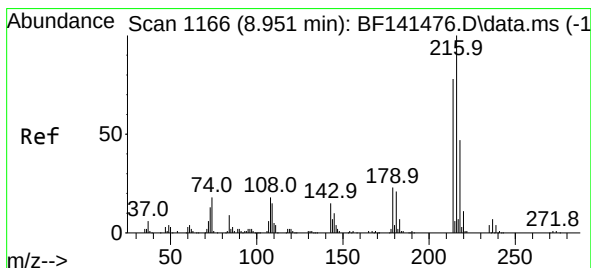
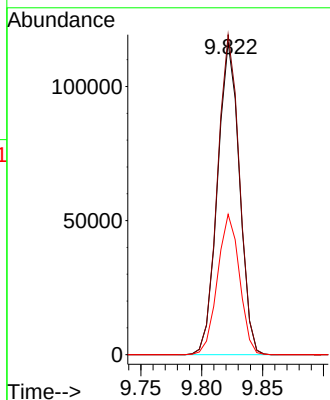
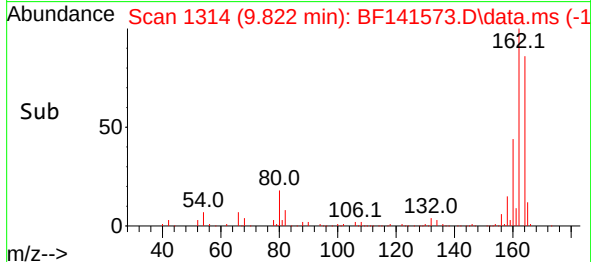
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:164 Resp: 14578
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.0 35.9 53.9

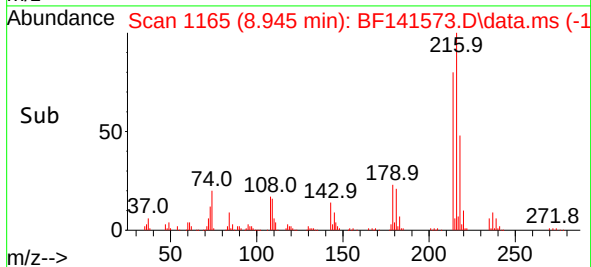
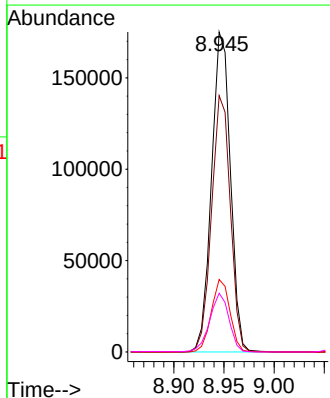
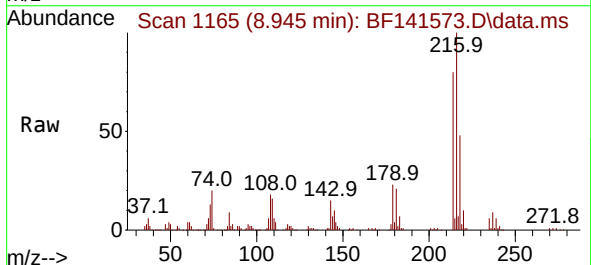
Manual Integrations
APPROVED

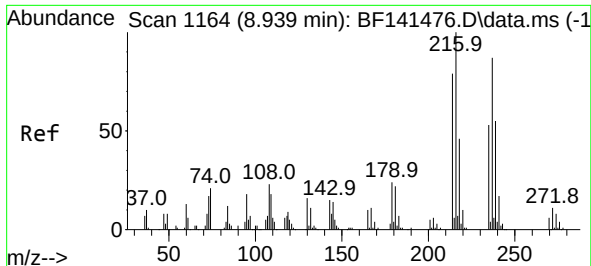
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.076 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

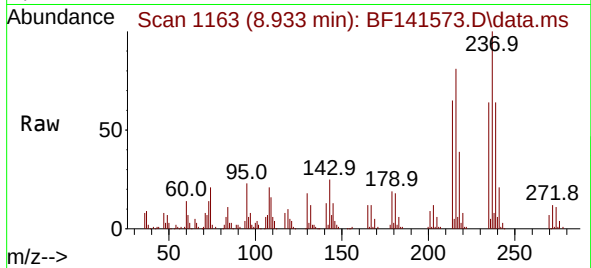
Tgt Ion:216 Resp: 228072
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 22.3 18.0 27.0
108 18.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 54.979 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

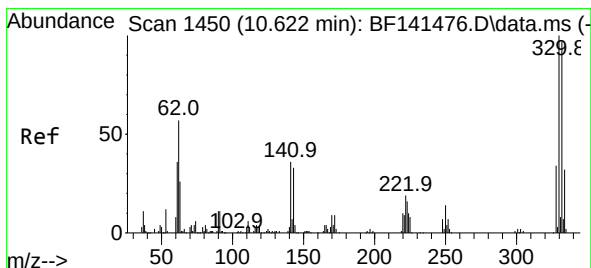
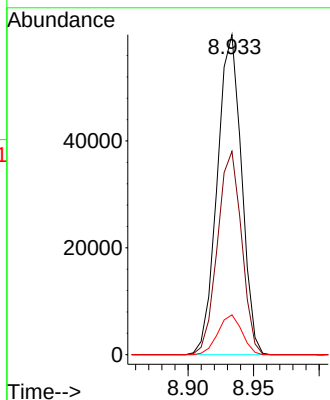
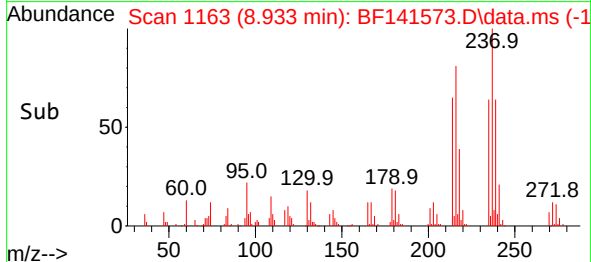
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



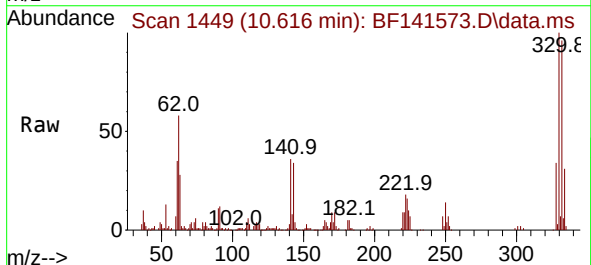
Tgt Ion:237 Resp: 77120
Ion Ratio Lower Upper
237 100
235 63.5 41.4 81.4
272 12.4 0.0 32.4

Manual Integrations
APPROVED

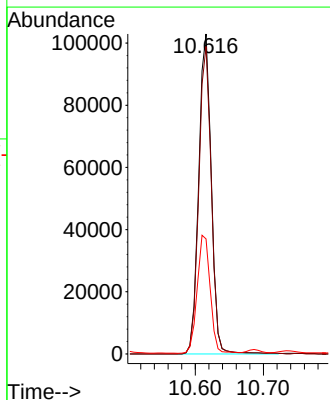
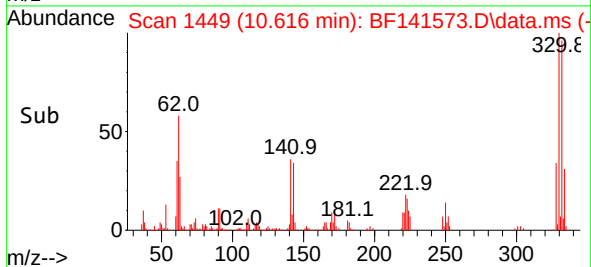
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

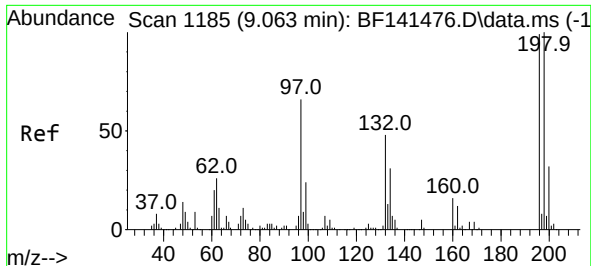


#42
2,4,6-Tribromophenol
Concen: 90.230 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



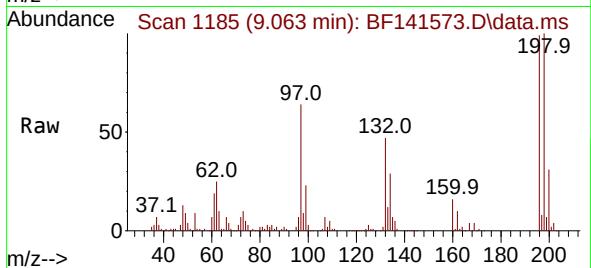
Tgt Ion:330 Resp: 132136
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 38.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 46.984 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

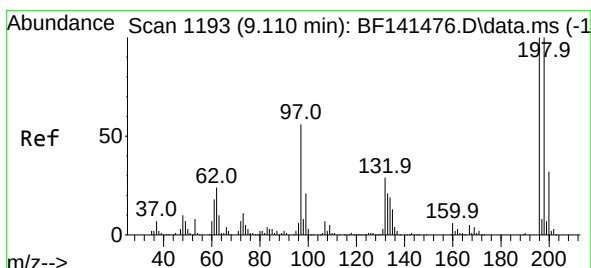
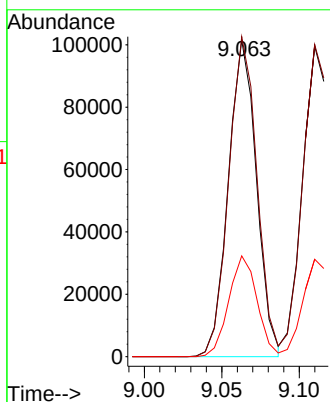
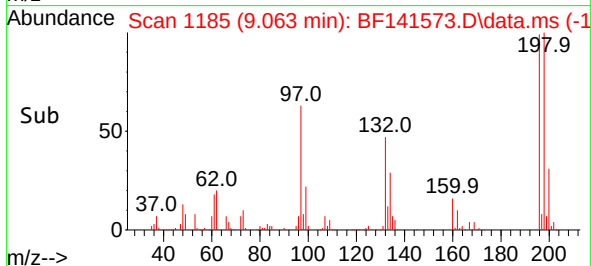
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



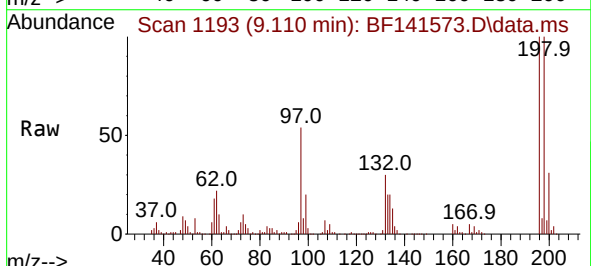
Tgt Ion:196 Resp: 12807
Ion Ratio Lower Upper
196 100
198 101.1 80.6 121.0
200 31.8 25.5 38.3

Manual Integrations
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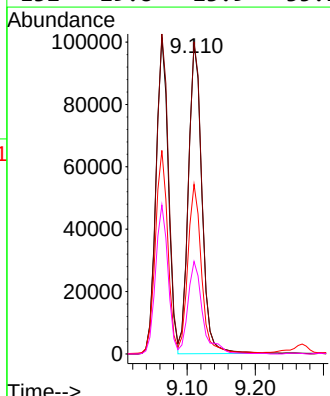
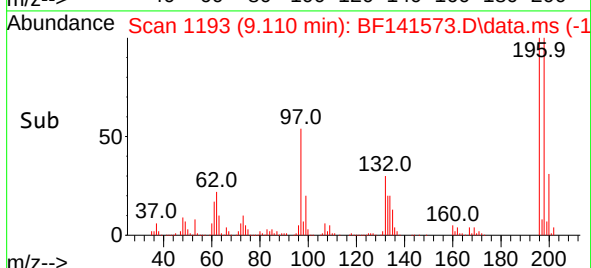
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

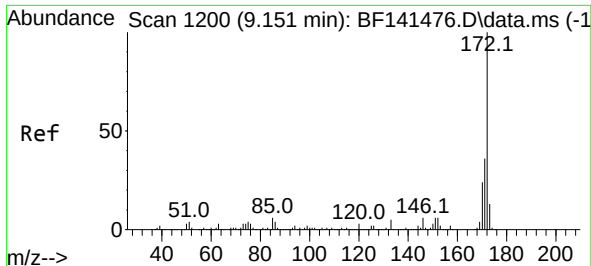


#44
2,4,5-Trichlorophenol
Concen: 45.990 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



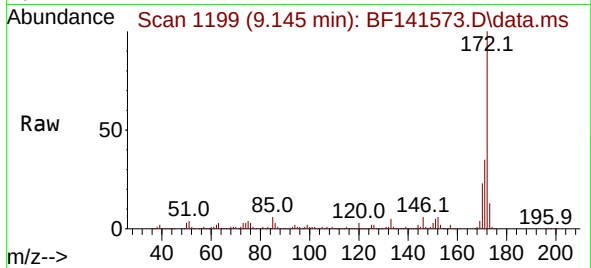
Tgt Ion:196 Resp: 135865
Ion Ratio Lower Upper
196 100
198 100.5 79.8 119.8
97 54.6 44.8 67.2
132 29.8 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 73.176 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

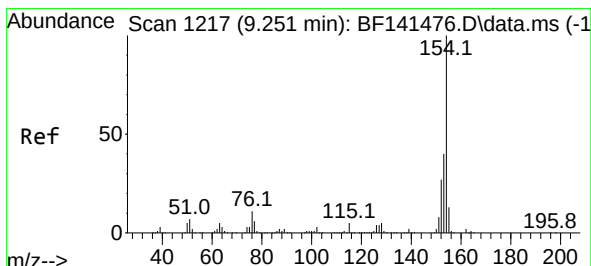
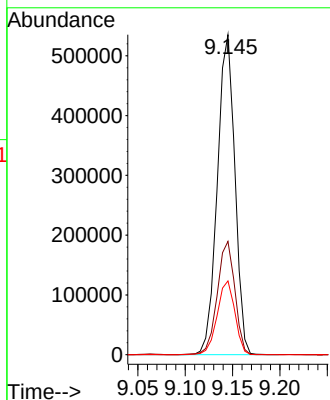
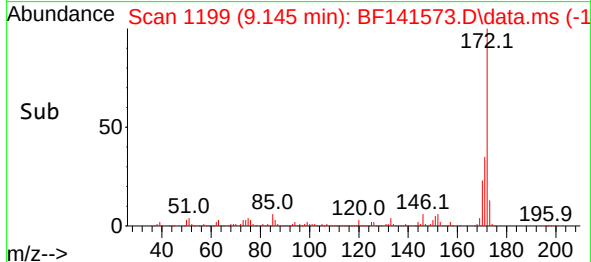
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



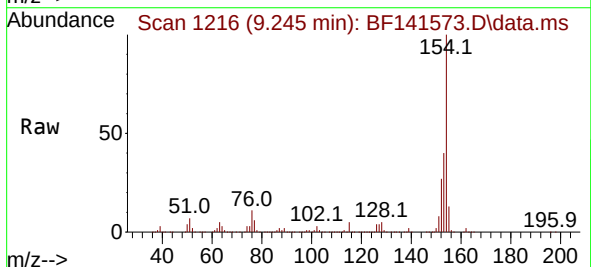
Tgt Ion:172 Resp: 692418
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.1 18.9 28.3

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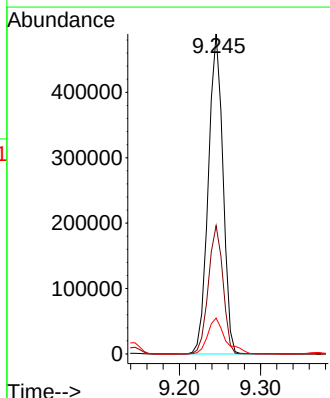
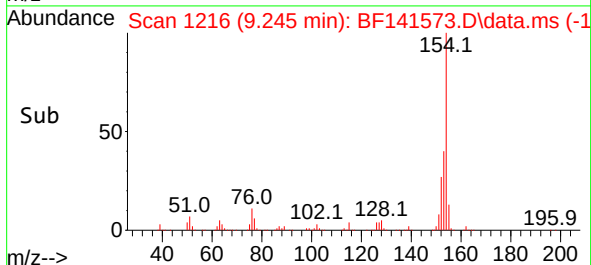
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

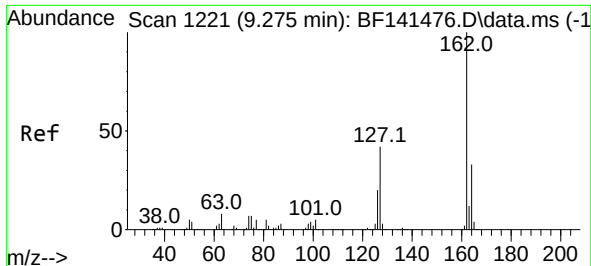


#46
1,1'-Biphenyl
Concen: 53.898 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



Tgt Ion:154 Resp: 609161
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 48.838 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MS

Tgt Ion:162 Resp: 408164

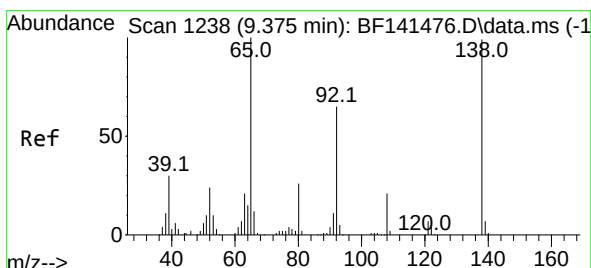
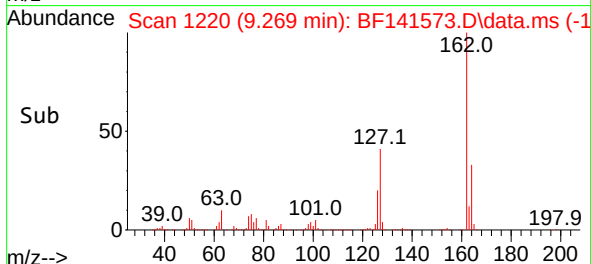
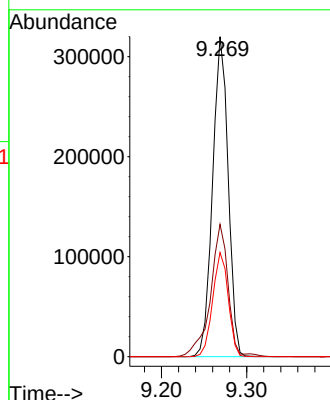
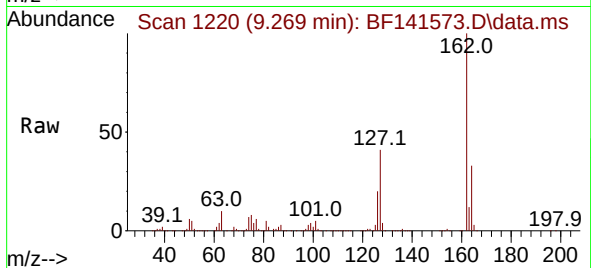
Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.1	51.1
164	32.6	26.3	39.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#48

2-Nitroaniline

Concen: 46.820 ng

RT: 9.369 min Scan# 1237

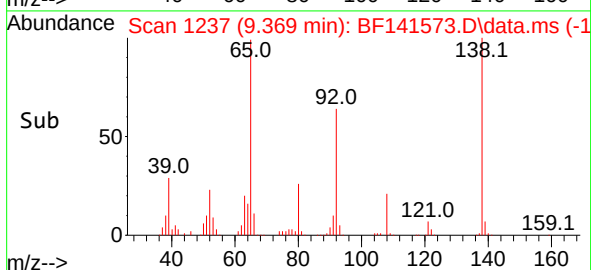
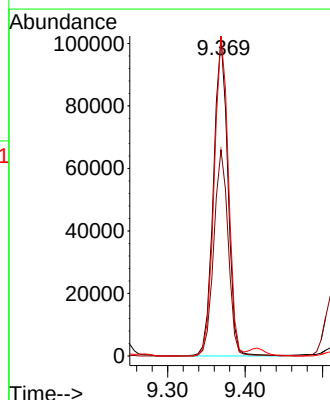
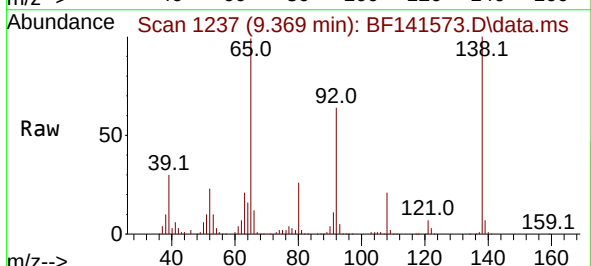
Delta R.T. -0.012 min

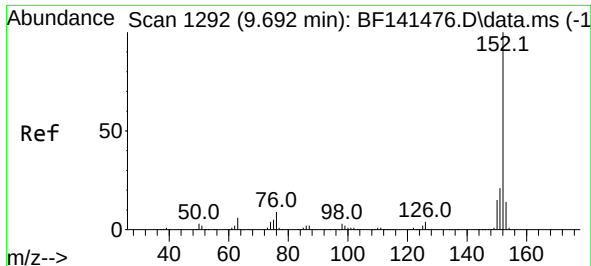
Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Tgt Ion: 65 Resp: 131322

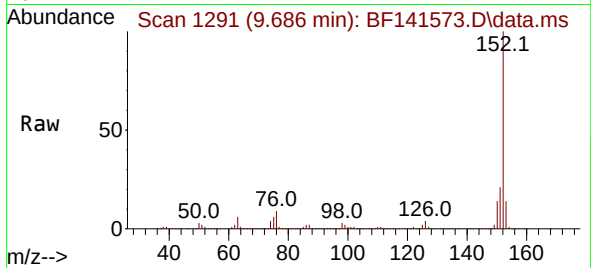
Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.2	78.2
138	100.5	79.5	119.3





#49
Acenaphthylene
Concen: 48.534 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

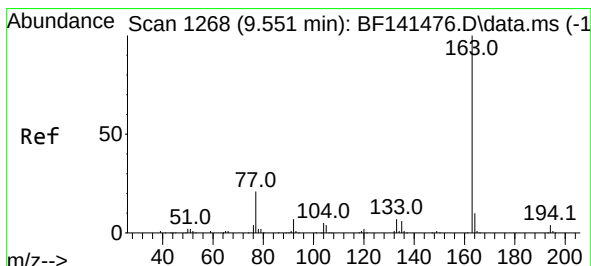
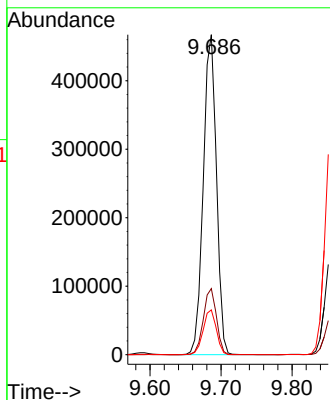
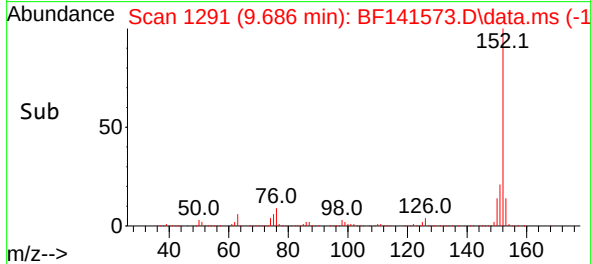
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



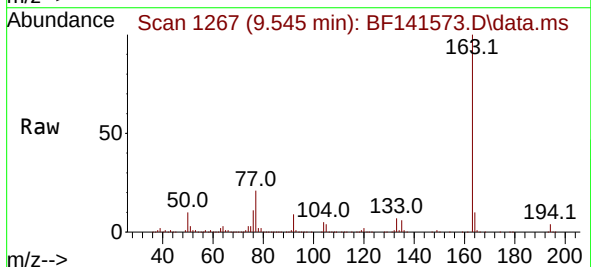
Tgt Ion:152 Resp: 603329
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.0 10.9 16.3

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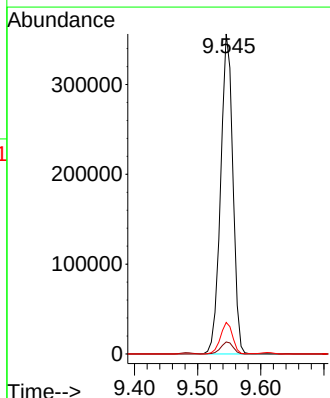
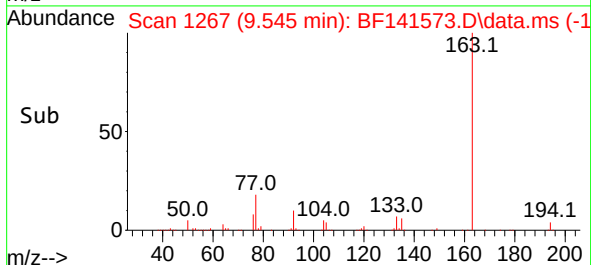
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

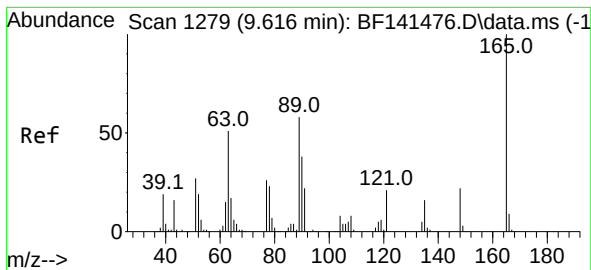


#50
Dimethylphthalate
Concen: 48.758 ng
RT: 9.545 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



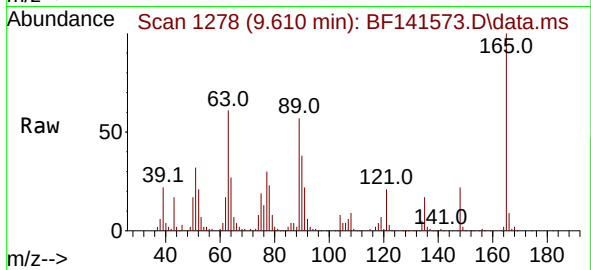
Tgt Ion:163 Resp: 482543
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.256 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

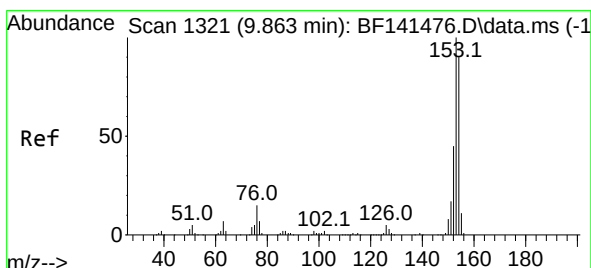
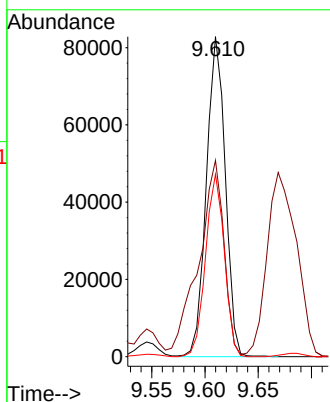
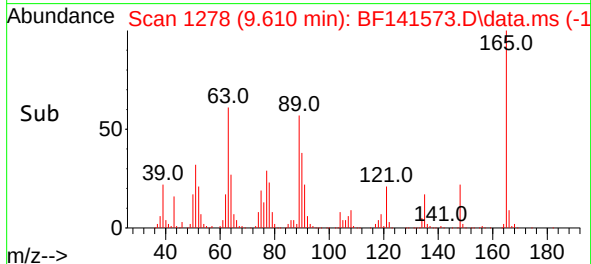
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:165 Resp: 102238
Ion Ratio Lower Upper
165 100
63 61.4 49.4 74.0
89 57.0 46.5 69.7

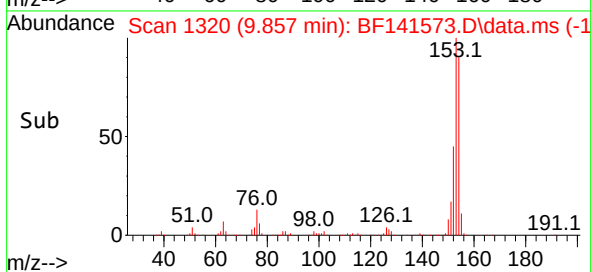
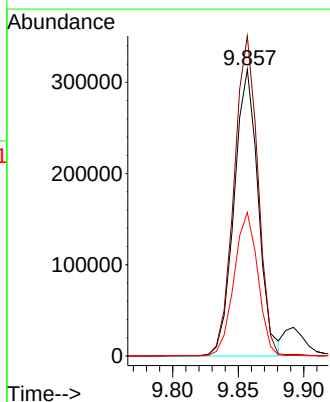
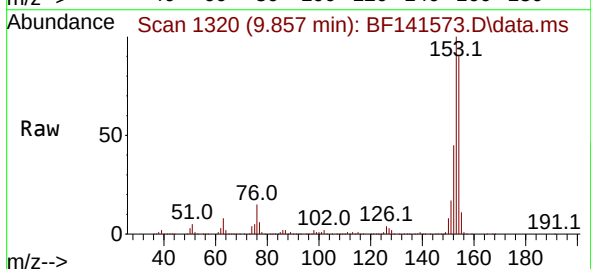
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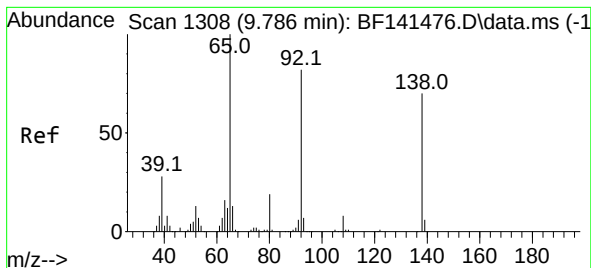
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#52
Acenaphthene
Concen: 48.093 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:154 Resp: 401919
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 50.1 39.8 59.8





#53

3-Nitroaniline

Concen: 21.873 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

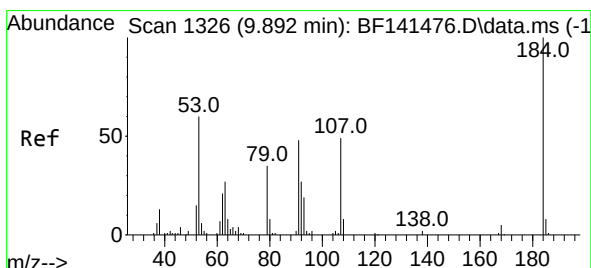
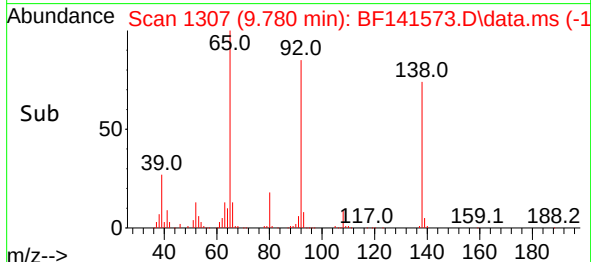
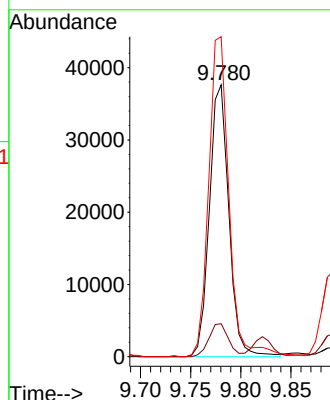
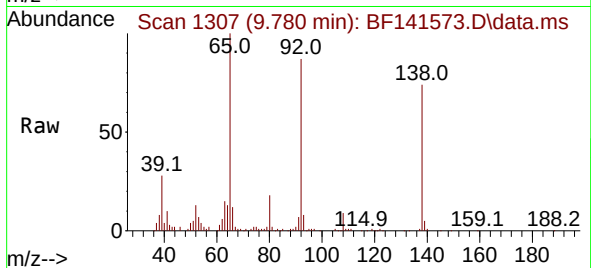
JPP-29.1-012825MS

Tgt Ion:138 Resp: 5093
 Ion Ratio Lower Upper
 138 100
 108 12.1 9.0 13.4
 92 117.7 93.7 140.5

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Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#54

2,4-Dinitrophenol

Concen: 51.885 ng

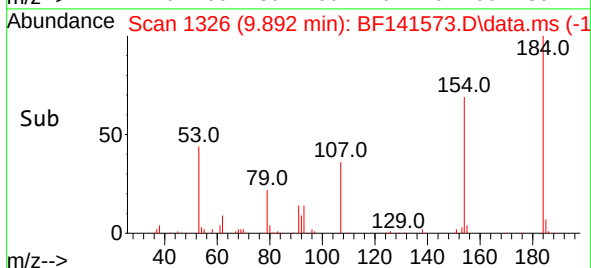
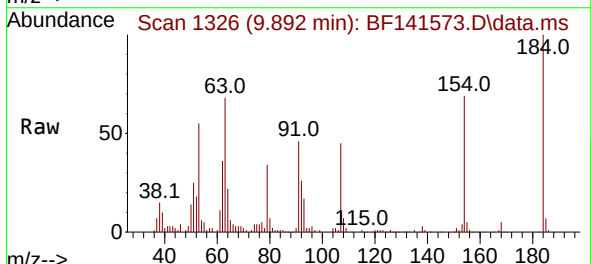
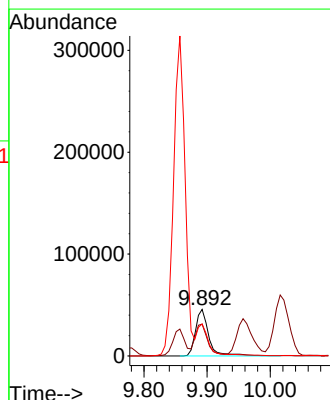
RT: 9.892 min Scan# 1326

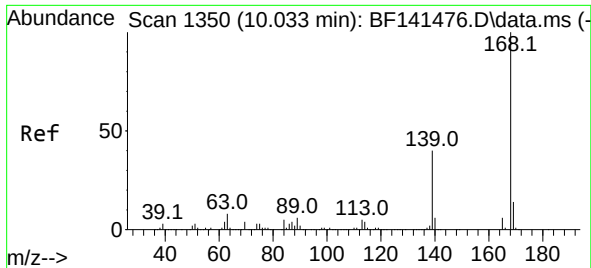
Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

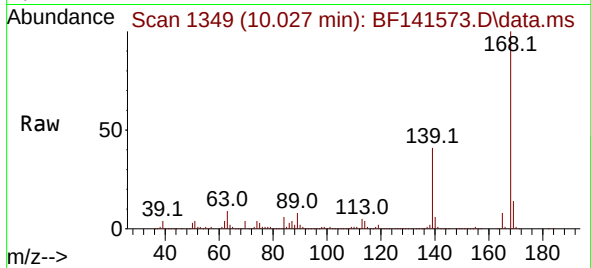
Tgt Ion:184 Resp: 66715
 Ion Ratio Lower Upper
 184 100
 63 68.4 61.0 91.6
 154 68.8 59.9 89.9





#55
Dibenzenofuran
Concen: 44.876 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

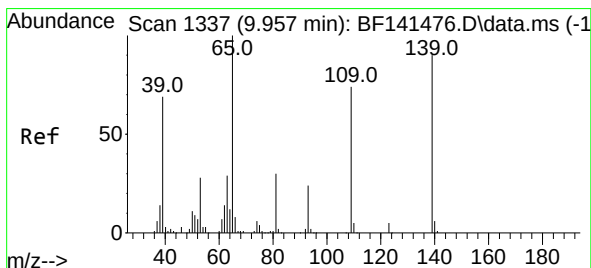
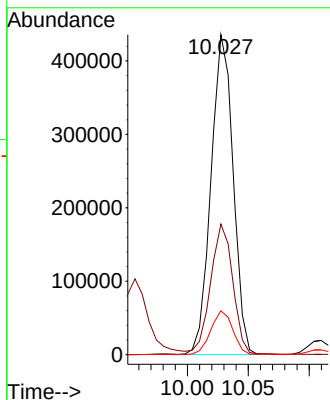
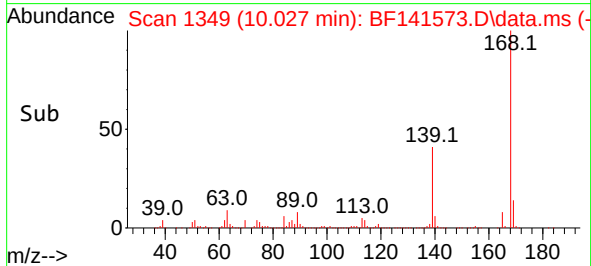
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:168 Resp: 550480
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.7 10.8 16.2

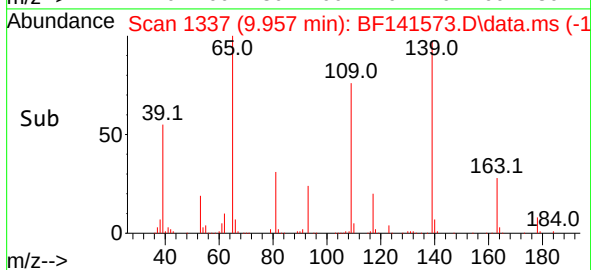
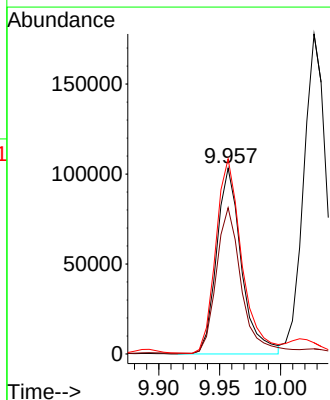
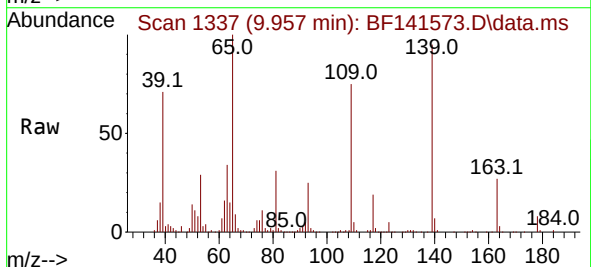
Manual Integrations
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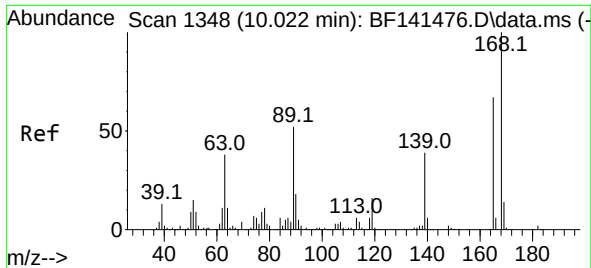
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 84.902 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

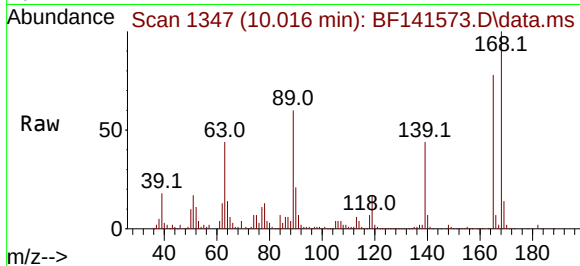
Tgt Ion:139 Resp: 146759
Ion Ratio Lower Upper
139 100
109 78.7 62.0 102.0
65 105.1 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.933 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

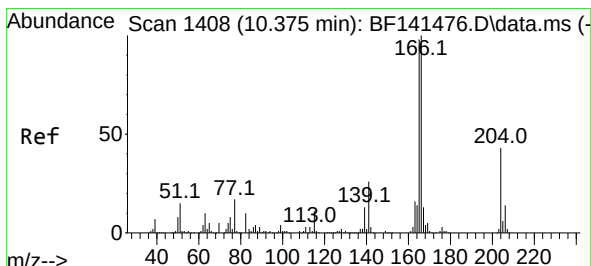
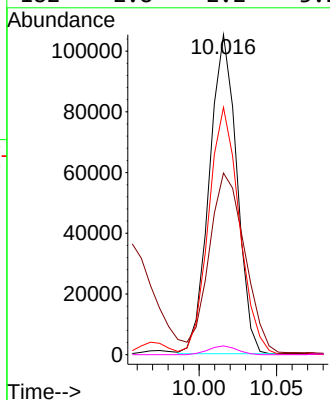
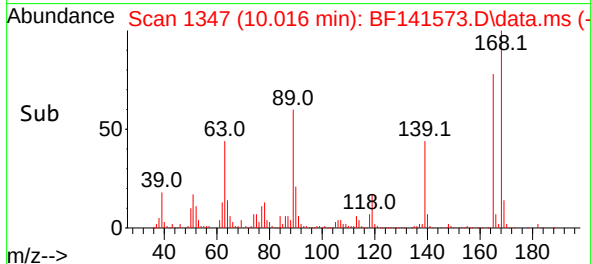
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



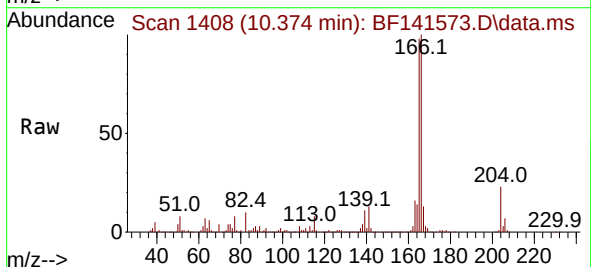
Tgt Ion:165 Resp: 129414
Ion Ratio Lower Upper
165 100
63 56.8 46.4 69.6
89 77.3 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations
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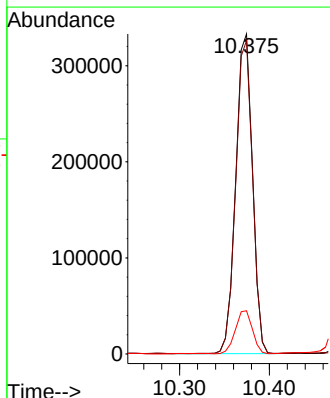
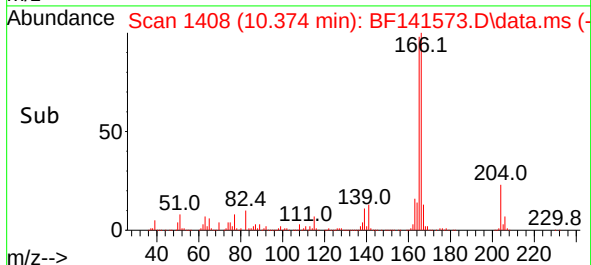
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

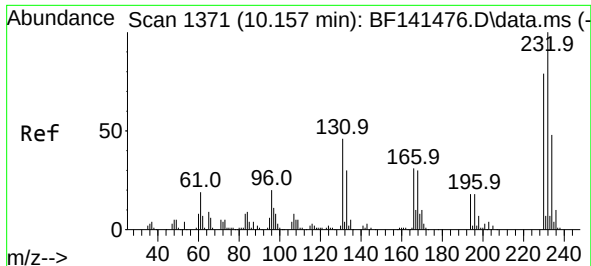


#58
Fluorene
Concen: 45.417 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



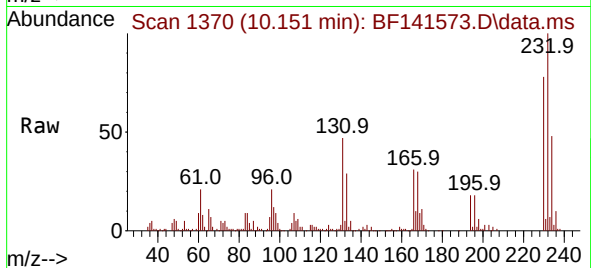
Tgt Ion:166 Resp: 430766
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.913 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

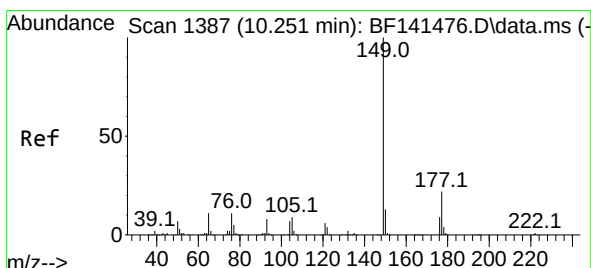
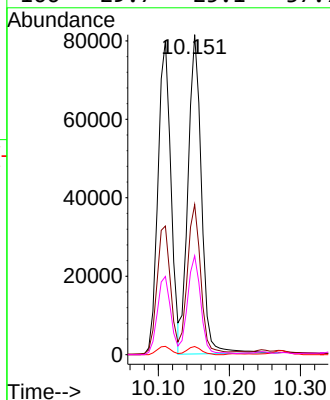
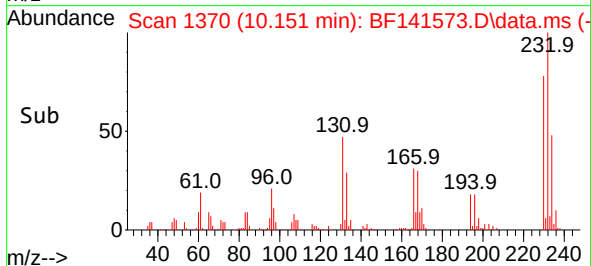
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:232 Resp: 106602
Ion Ratio Lower Upper
232 100
131 44.5 39.2 58.8
130 2.7 2.1 3.1
166 29.7 25.1 37.7

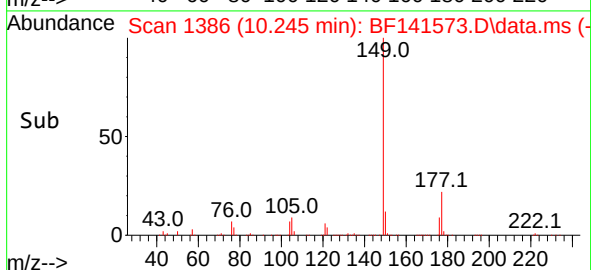
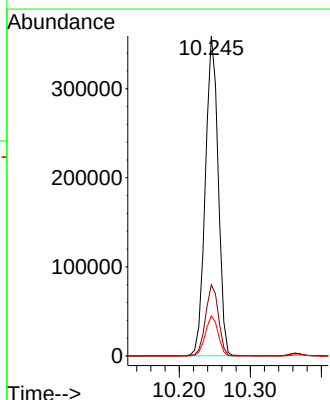
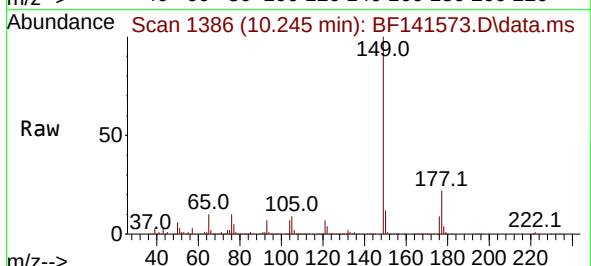
Manual Integrations
APPROVED

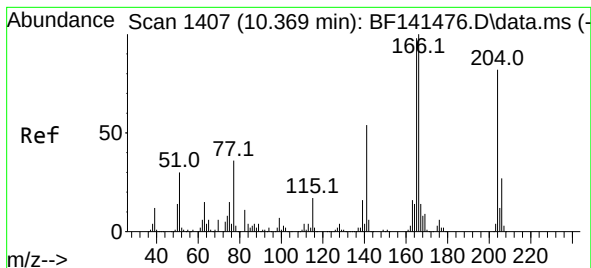
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#60
Diethylphthalate
Concen: 46.328 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

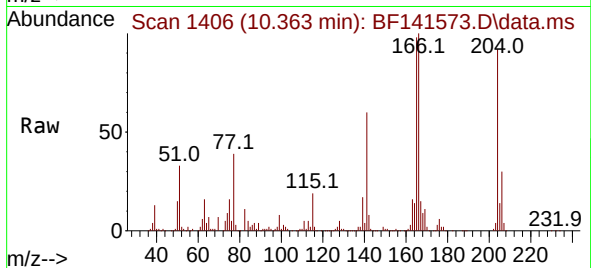
Tgt Ion:149 Resp: 451106
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.869 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

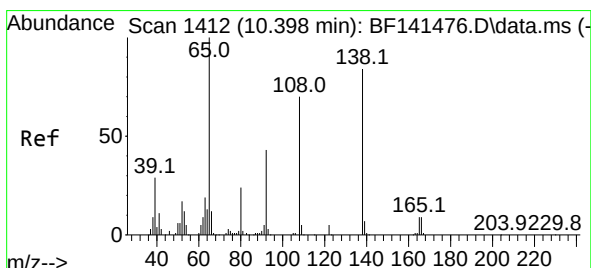
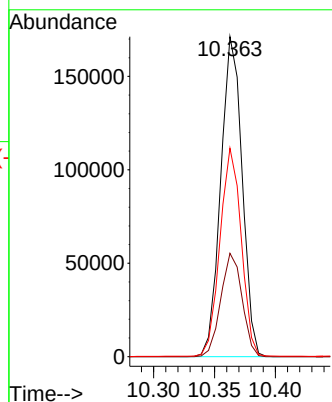
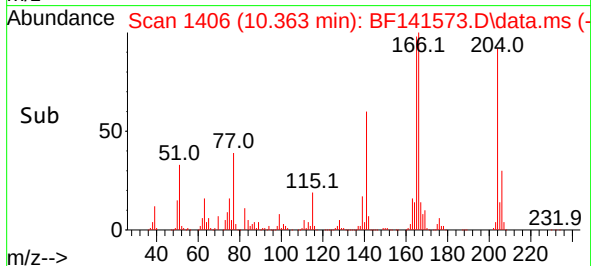
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:204 Resp: 20930
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 65.1 51.9 77.9

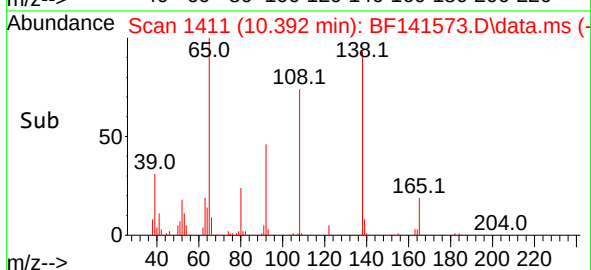
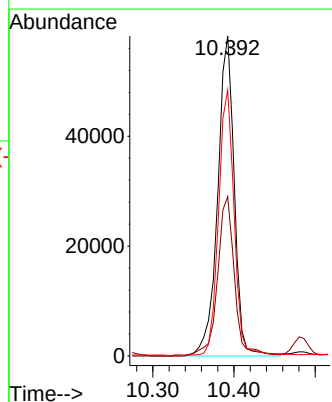
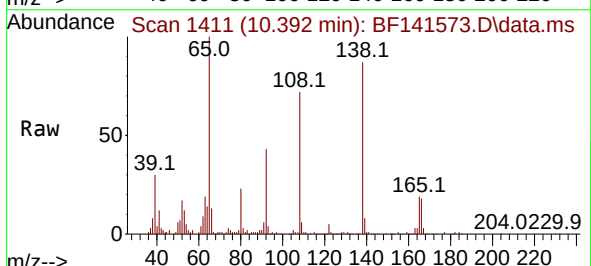
Manual Integrations
APPROVED

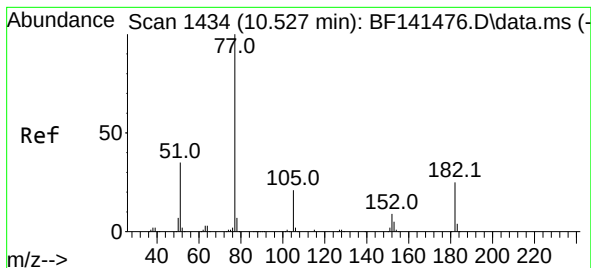
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#62
4-Nitroaniline
Concen: 35.158 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

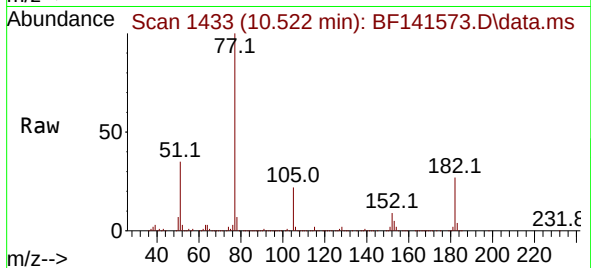
Tgt Ion:138 Resp: 83129
Ion Ratio Lower Upper
138 100
92 49.7 31.3 71.3
108 83.1 63.7 103.7





#63
Azobenzene
Concen: 46.886 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

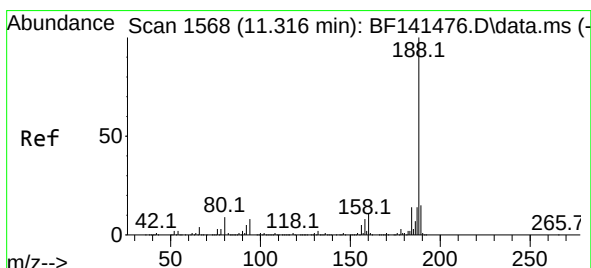
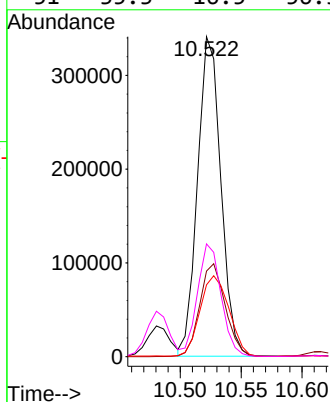
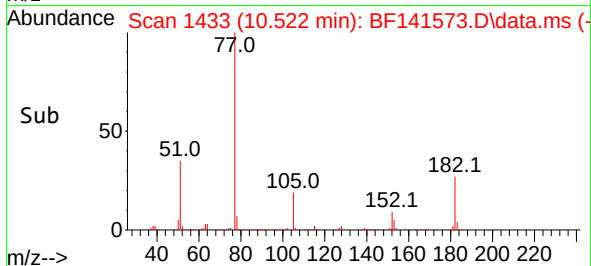
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



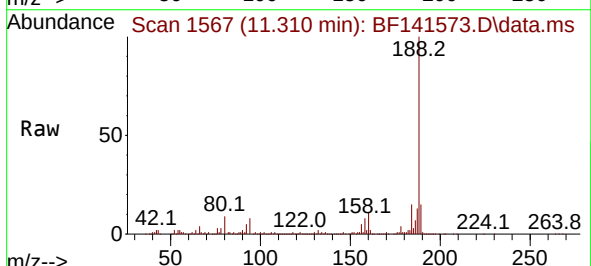
Tgt Ion: 77 Resp: 453850
Ion Ratio Lower Upper
77 100
182 26.7 4.7 44.7
105 22.4 0.4 40.4
51 35.3 16.5 56.5

Manual Integrations
APPROVED

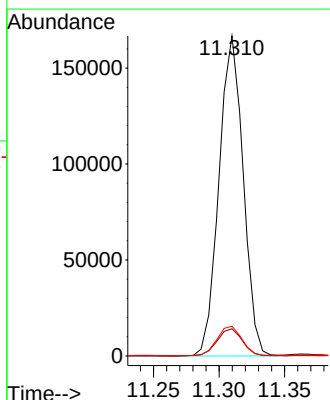
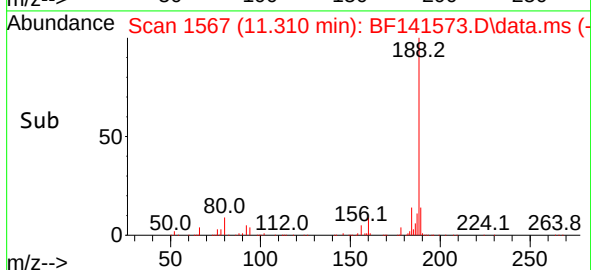
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

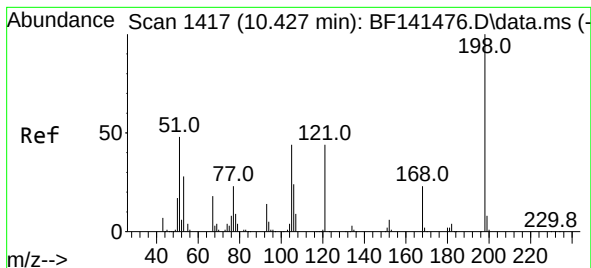


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



Tgt Ion:188 Resp: 213944
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.3 10.9





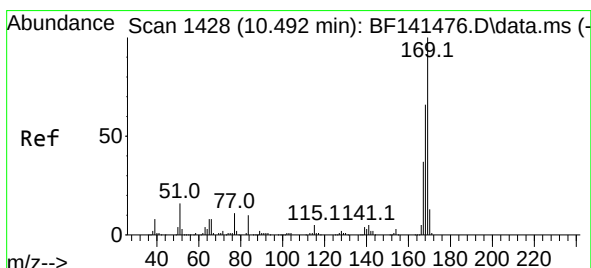
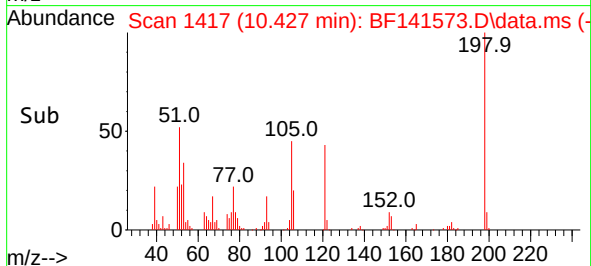
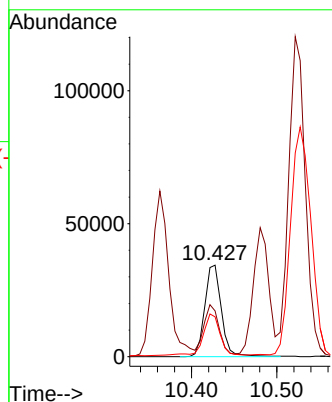
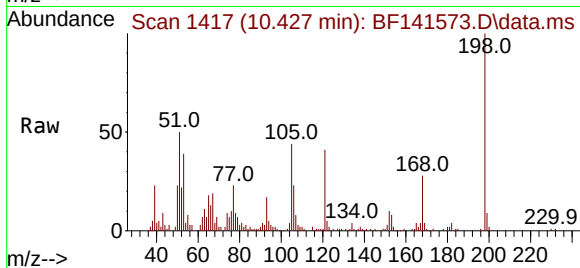
#65
4,6-Dinitro-2-methylphenol
Concen: 31.315 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS

Tgt Ion:198 Resp: 46539
Ion Ratio Lower Upper
198 100
51 50.0 37.4 77.4
105 43.5 25.2 65.2

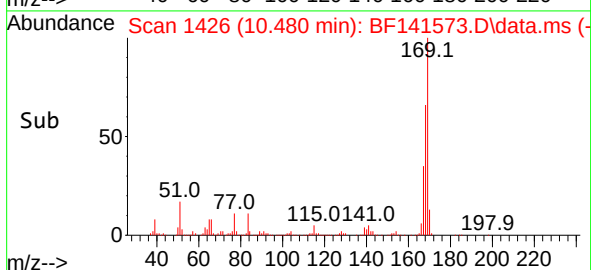
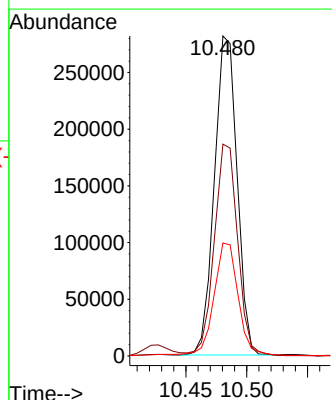
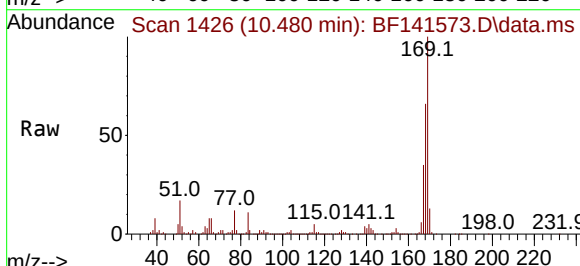
Manual Integrations
APPROVED

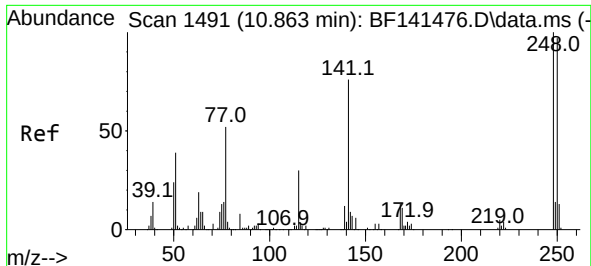
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 53.365 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

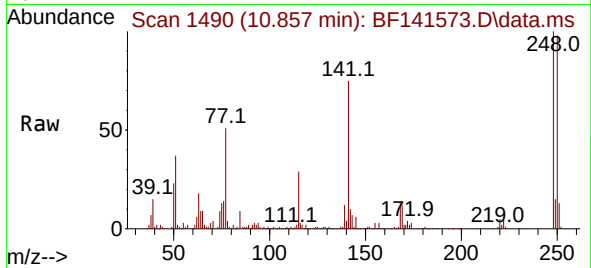
Tgt Ion:169 Resp: 365475
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 35.3 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 51.209 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

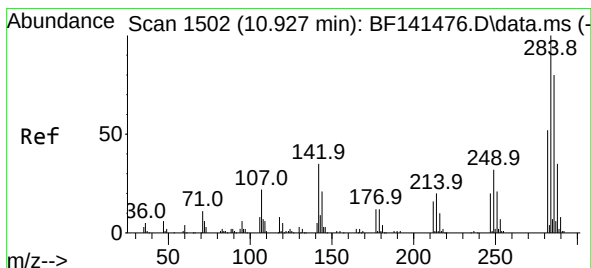
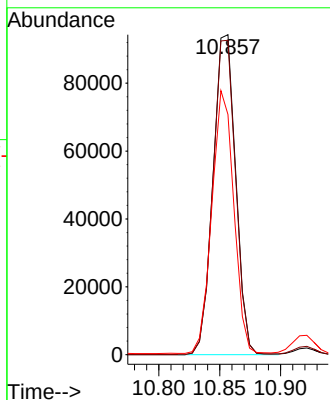
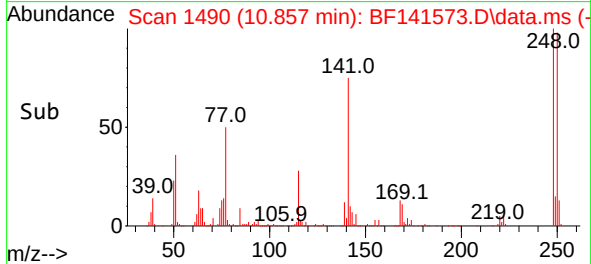
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



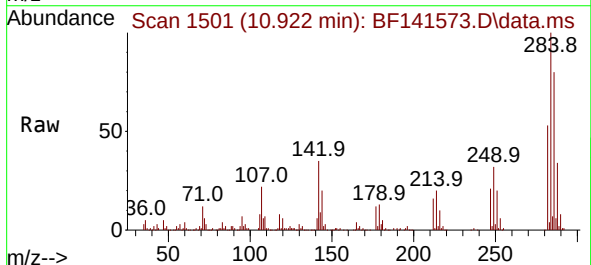
Tgt Ion:248 Resp: 122449
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 75.1 60.6 90.8

Manual Integrations
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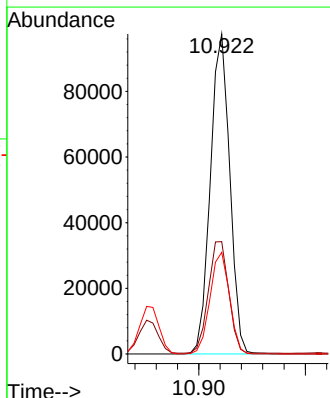
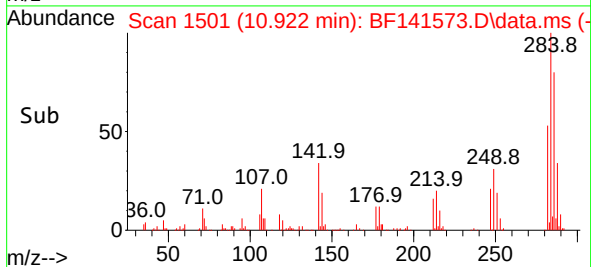
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

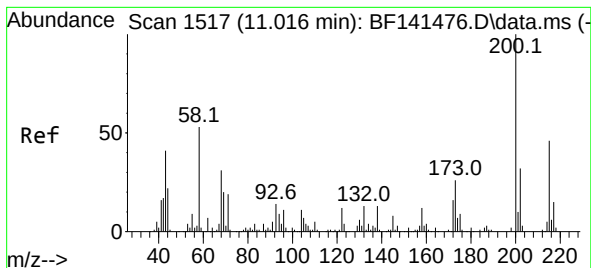


#68
Hexachlorobenzene
Concen: 50.118 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



Tgt Ion:284 Resp: 123400
Ion Ratio Lower Upper
284 100
142 35.1 28.0 42.0
249 31.8 25.8 38.8





#69

Atrazine

Concen: 65.856 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MS

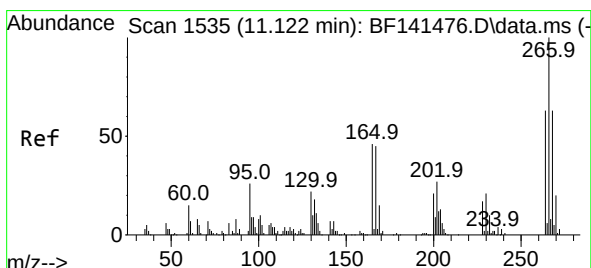
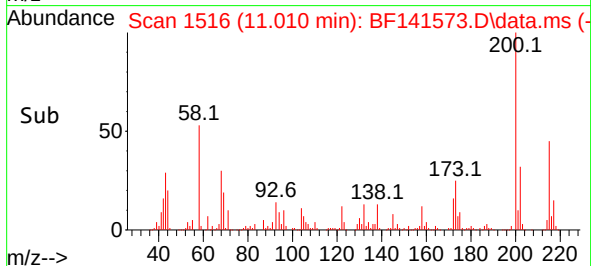
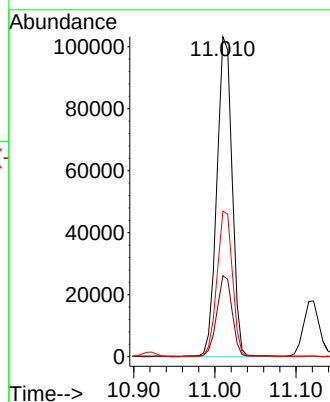
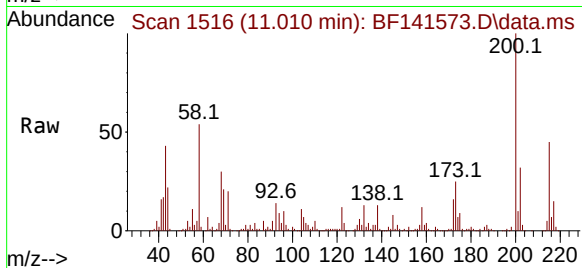
Tgt Ion:200 Resp: 13530
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.9 45.9
 215 45.5 25.9 65.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 82.874 ng

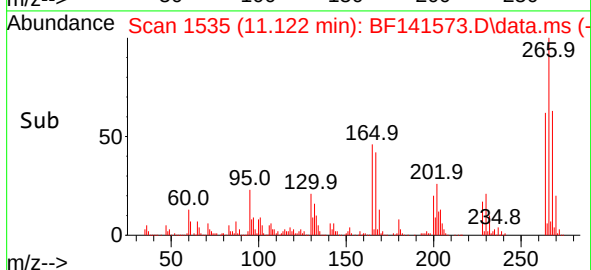
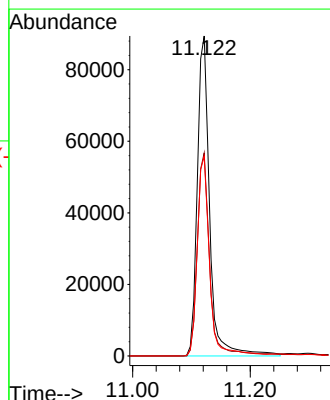
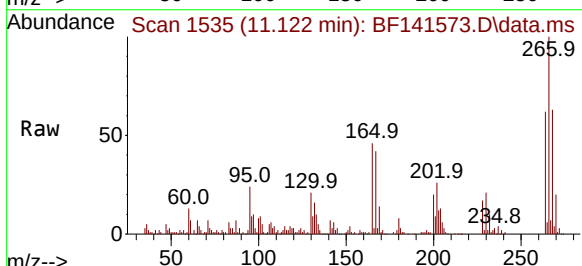
RT: 11.122 min Scan# 1535

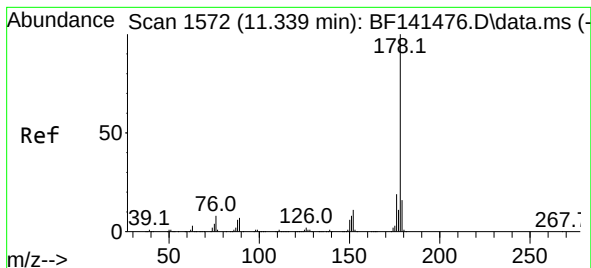
Delta R.T. -0.006 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

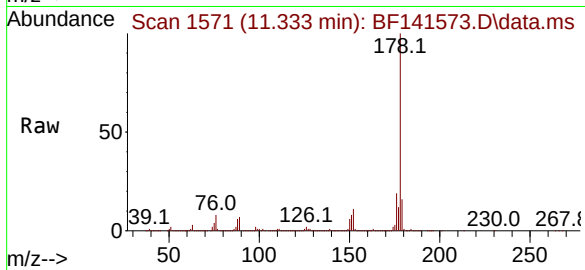
Tgt Ion:266 Resp: 130475
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.1 75.1
 264 62.4 50.1 75.1





#71
Phenanthrene
Concen: 71.047 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

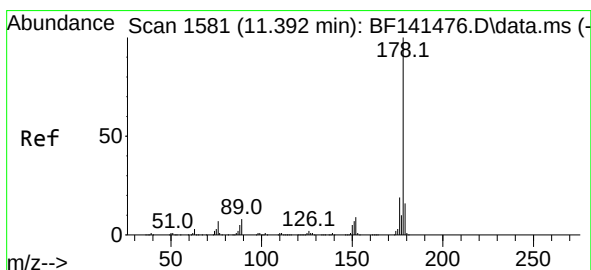
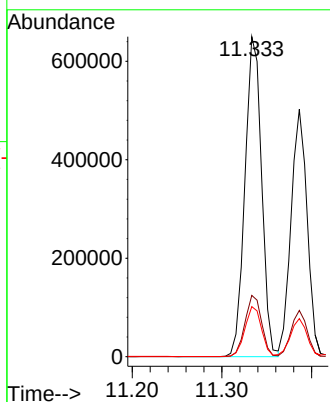
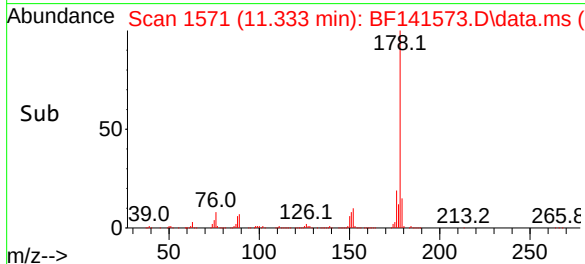
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



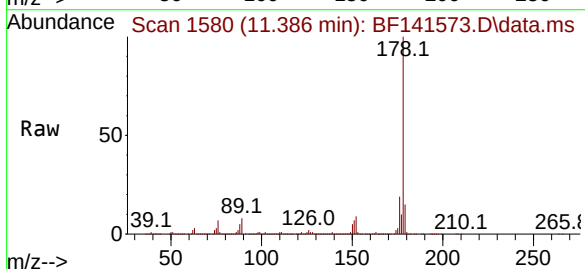
Tgt Ion:178 Resp: 836700
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 12.4 18.6

Manual Integrations
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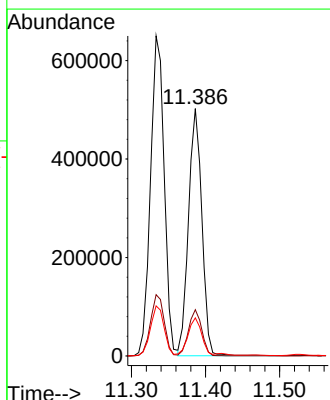
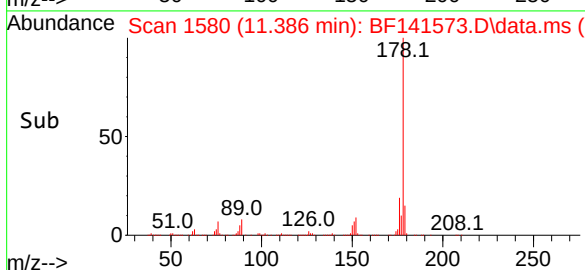
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

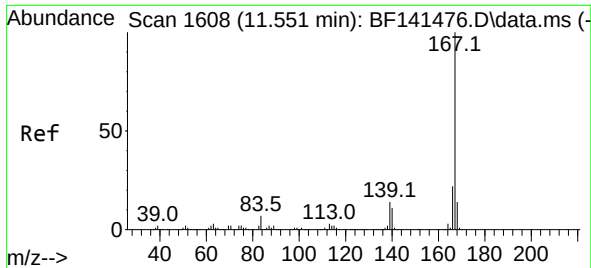


#72
Anthracene
Concen: 53.219 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



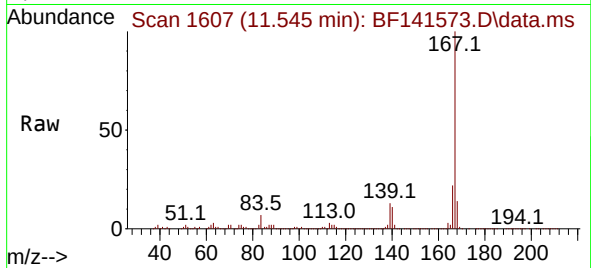
Tgt Ion:178 Resp: 630026
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 46.862 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141573.D
 Acq: 11 Feb 2025 20:11

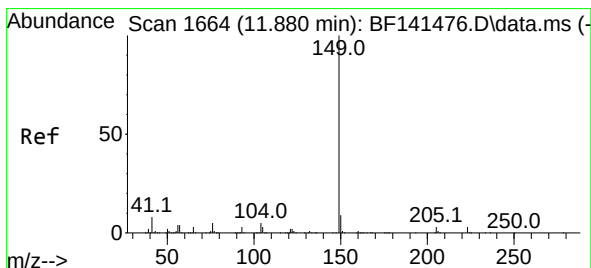
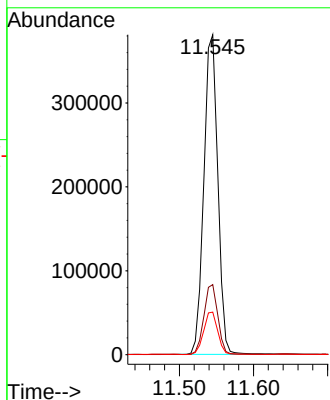
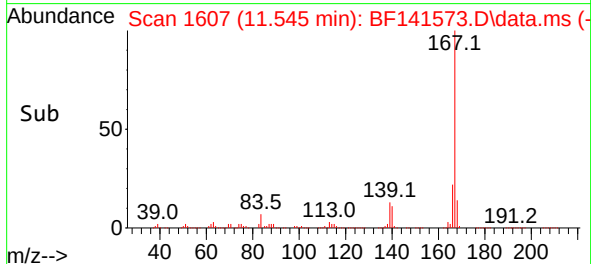
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MS



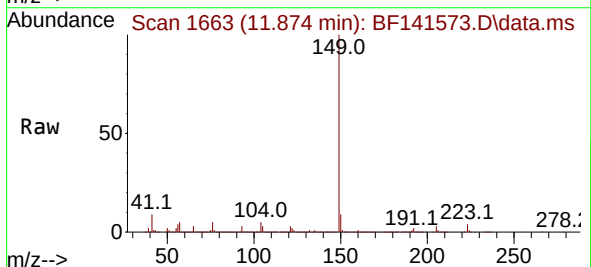
Tgt Ion:167 Resp: 49917
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.3 10.9 16.3

Manual Integrations
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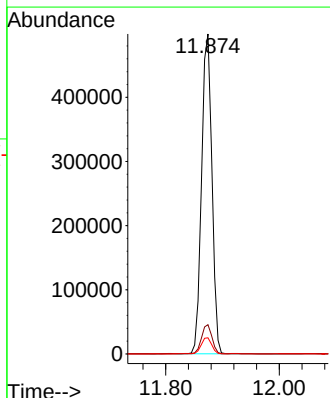
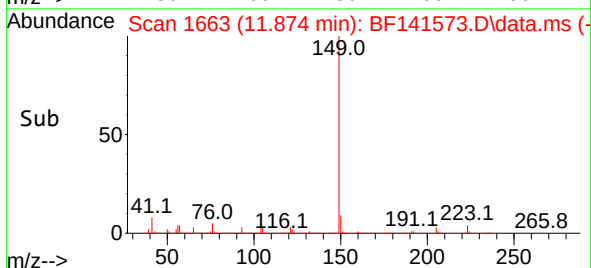
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

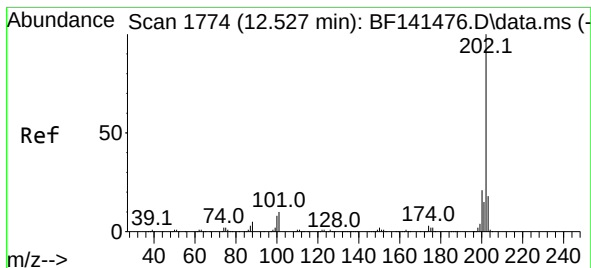


#74
 Di-n-butylphthalate
 Concen: 51.124 ng
 RT: 11.874 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141573.D
 Acq: 11 Feb 2025 20:11



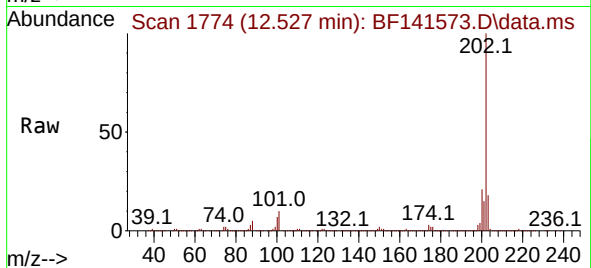
Tgt Ion:149 Resp: 628802
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 87.049 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

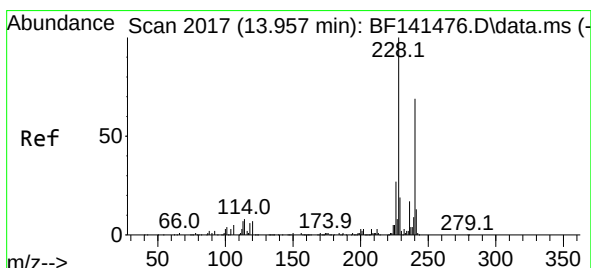
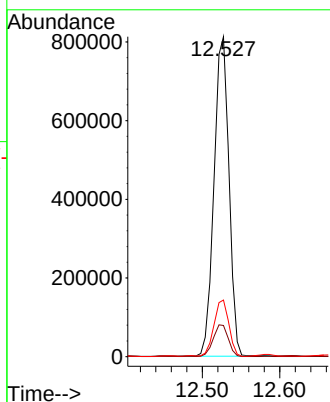
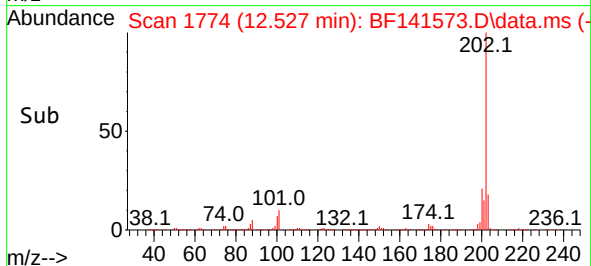
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:202 Resp: 1086850
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.7 0.0 37.6

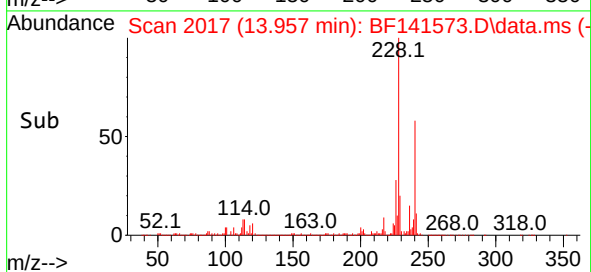
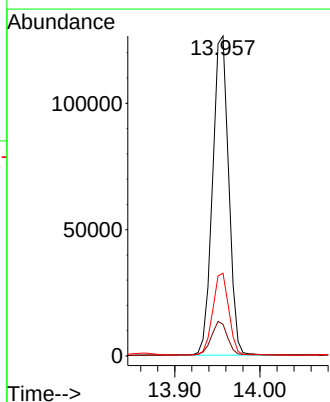
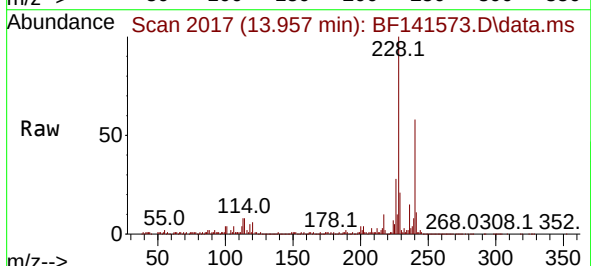
Manual Integrations
APPROVED

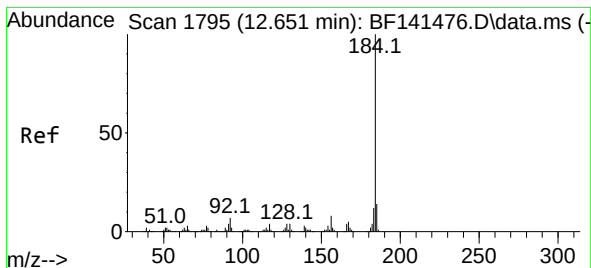
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:240 Resp: 166810
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.9 19.8 29.8





#77

Benzidine

Concen: 35.348 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MS

Tgt Ion:184 Resp: 13004

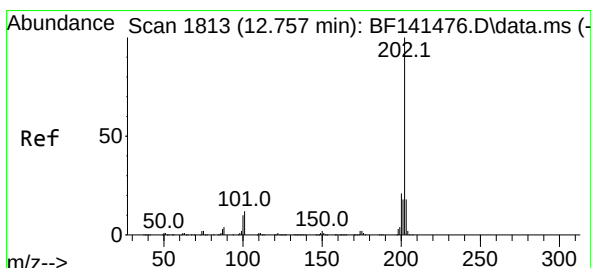
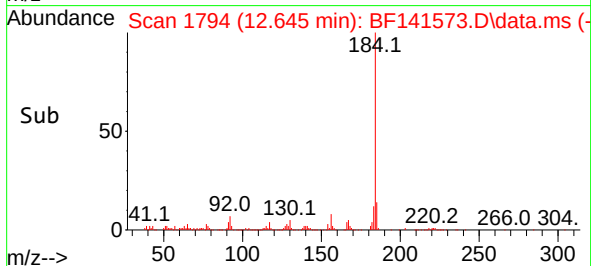
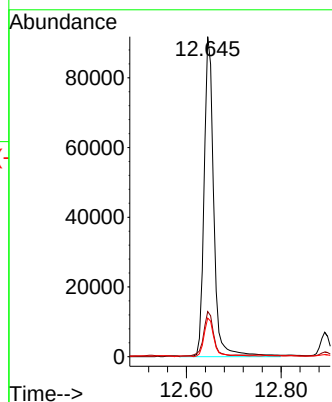
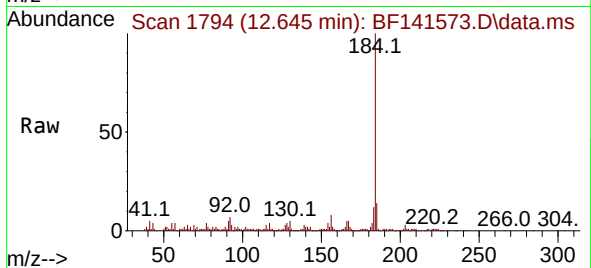
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.1	9.3	13.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 78.077 ng

RT: 12.757 min Scan# 1813

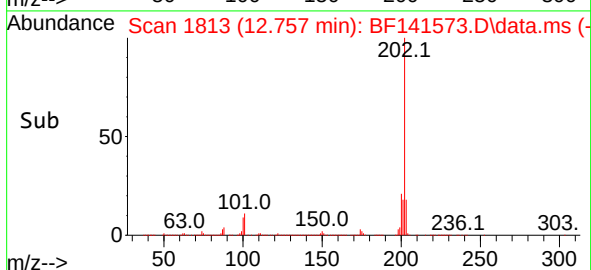
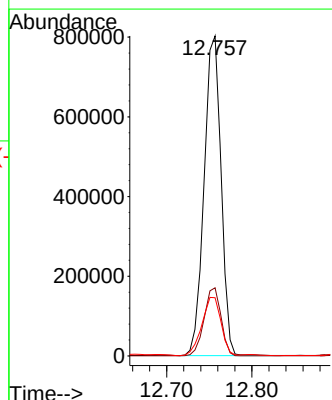
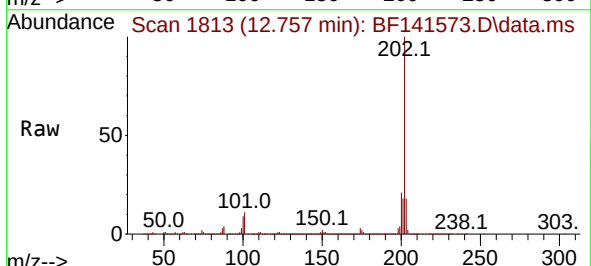
Delta R.T. -0.006 min

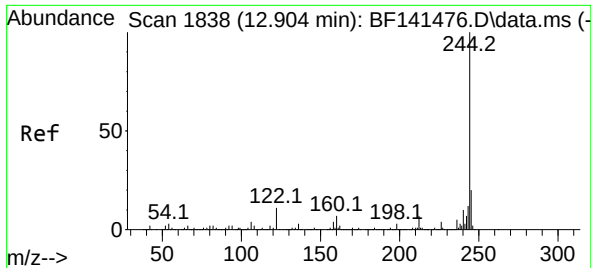
Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Tgt Ion:202 Resp: 1108693

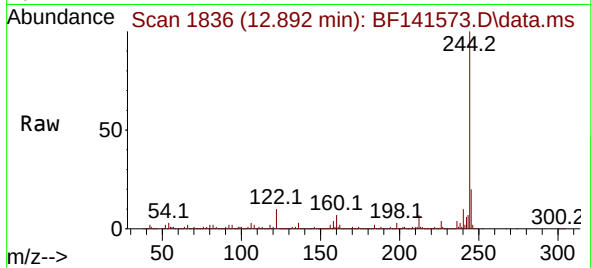
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.2	14.3	21.5





#79
 Terphenyl-d14
 Concen: 59.034 ng
 RT: 12.892 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141573.D
 Acq: 11 Feb 2025 20:11

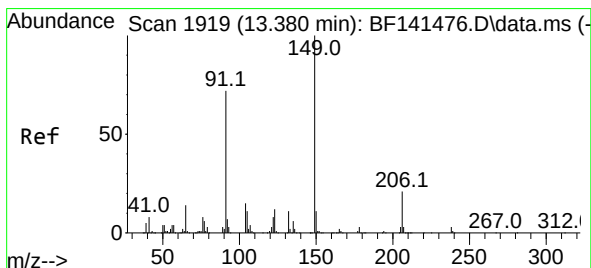
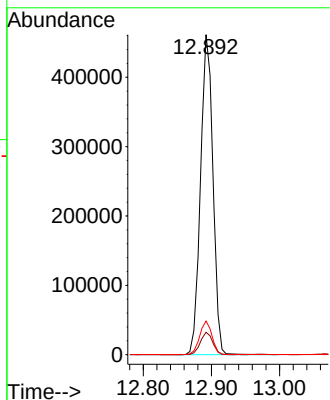
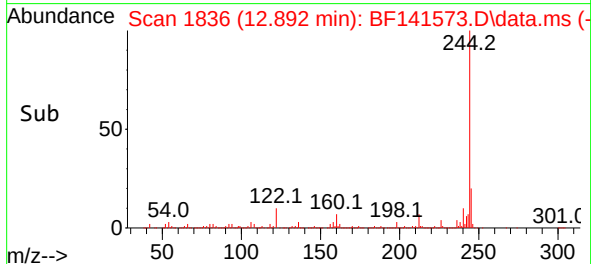
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MS



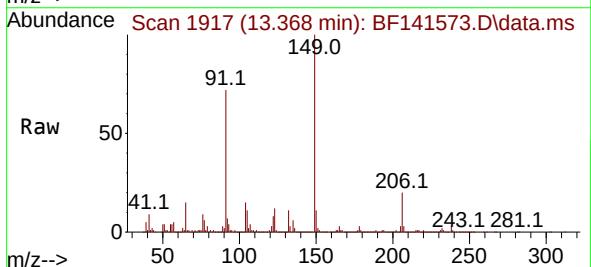
Tgt Ion:244 Resp: 583318
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 8.4 12.6

Manual Integrations
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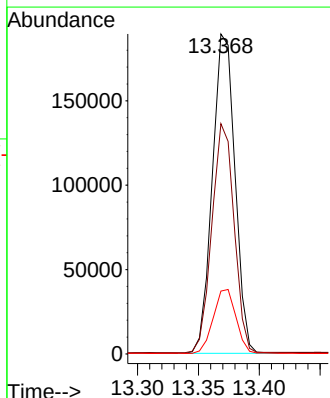
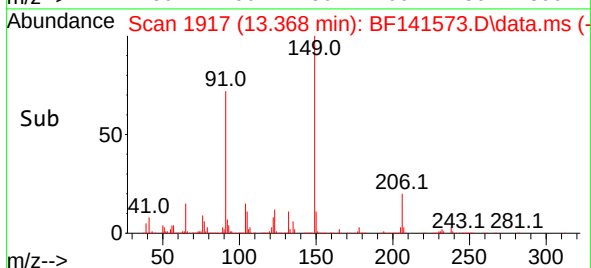
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

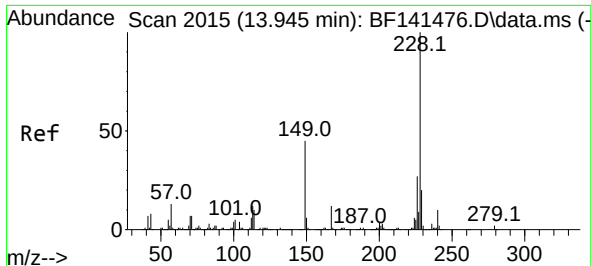


#80
 Butylbenzylphthalate
 Concen: 49.740 ng
 RT: 13.368 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141573.D
 Acq: 11 Feb 2025 20:11



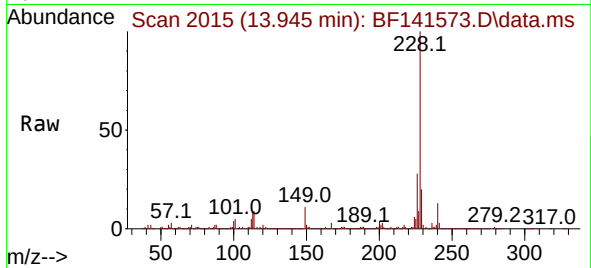
Tgt Ion:149 Resp: 244644
 Ion Ratio Lower Upper
 149 100
 91 72.0 57.8 86.8
 206 19.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 75.557 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

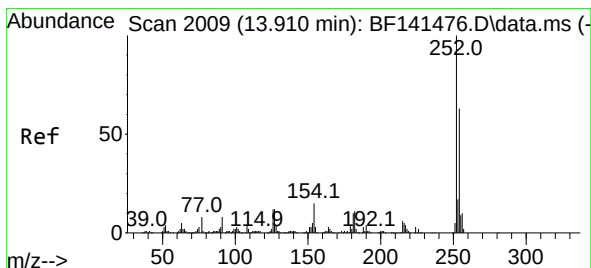
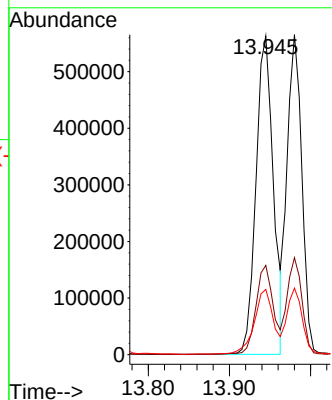
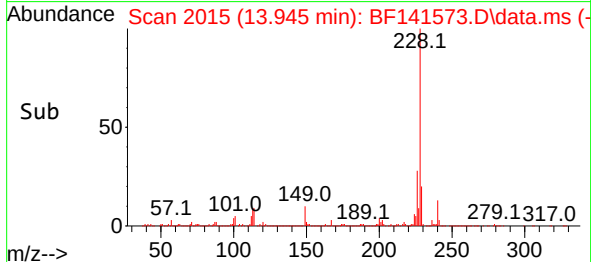
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:228 Resp: 837812
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.5 15.8 23.6

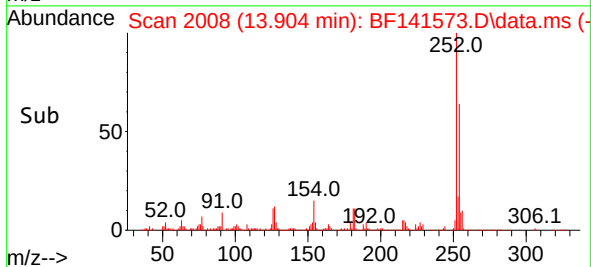
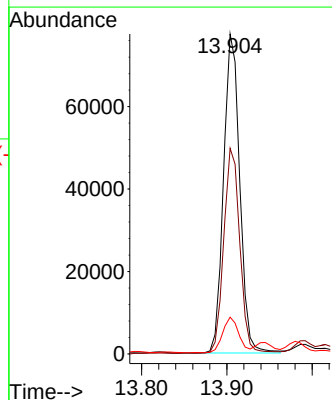
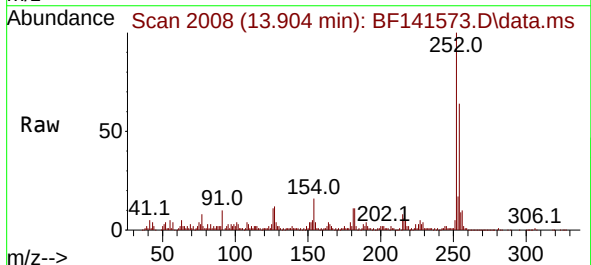
Manual Integrations
APPROVED

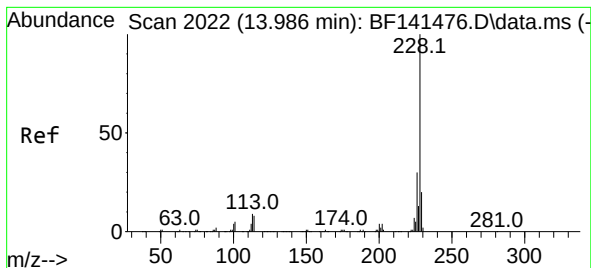
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 32.116 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:252 Resp: 102012
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 11.5 9.3 13.9





#83

Chrysene

Concen: 69.316 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

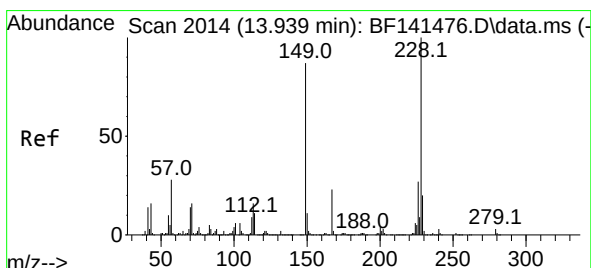
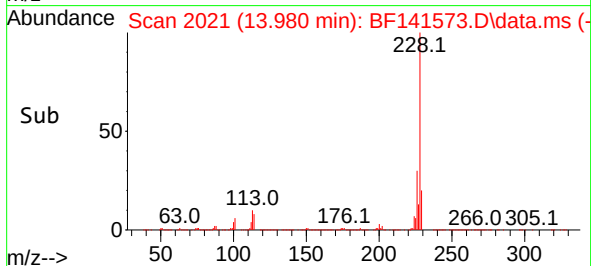
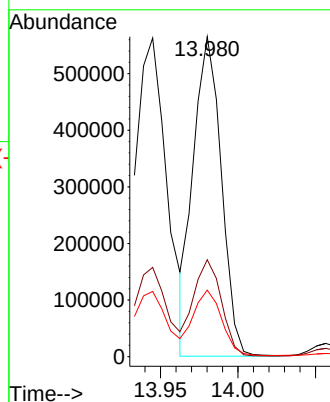
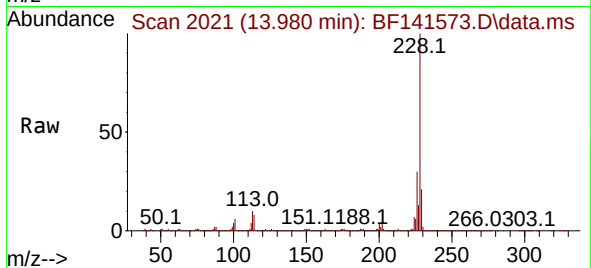
JPP-29.1-012825MS

Tgt Ion:228 Resp: 709680
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.0 36.0
 229 20.8 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.518 ng

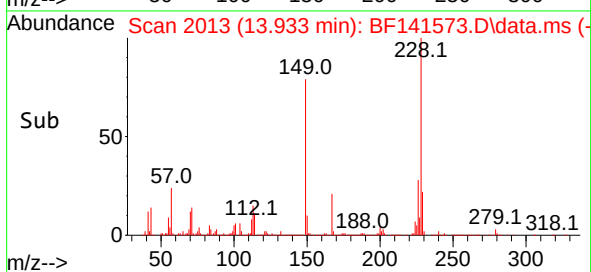
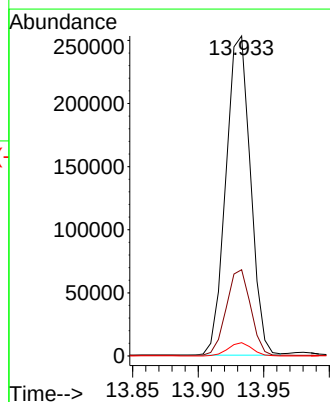
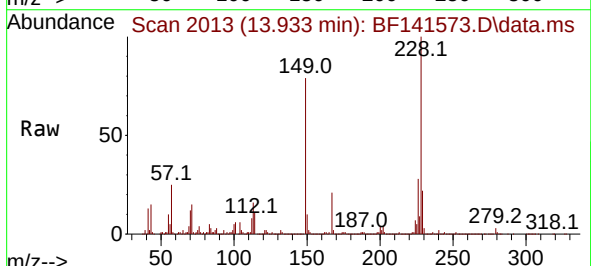
RT: 13.933 min Scan# 2013

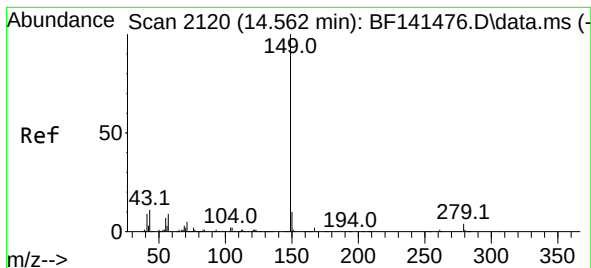
Delta R.T. -0.006 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Tgt Ion:149 Resp: 330164
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.0
 279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 71.362 ng

RT: 14.545 min Scan# 2117

Delta R.T. -0.018 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MS

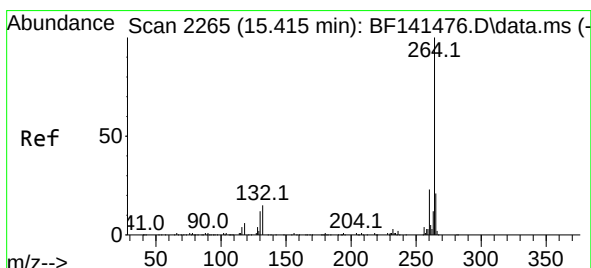
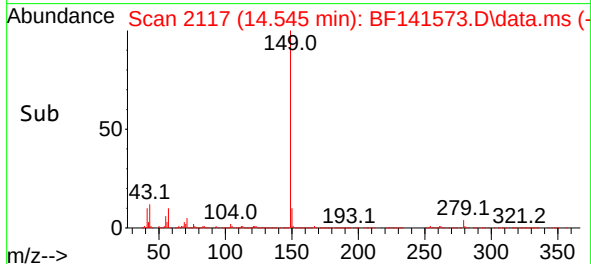
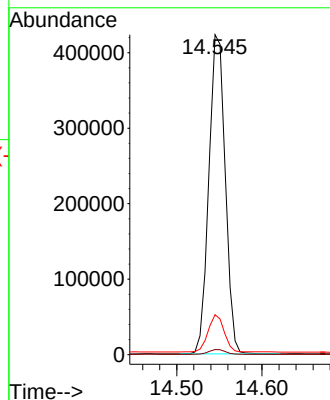
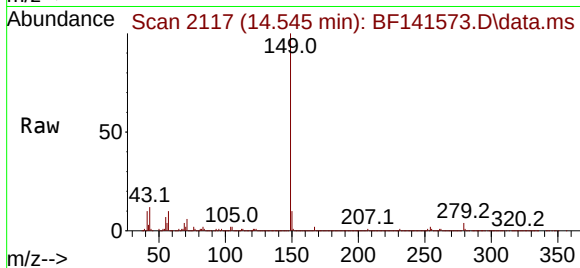
Tgt Ion:149 Resp: 564735
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 9.5 14.3

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#86

Perylene-d12

Concen: 20.000 ng

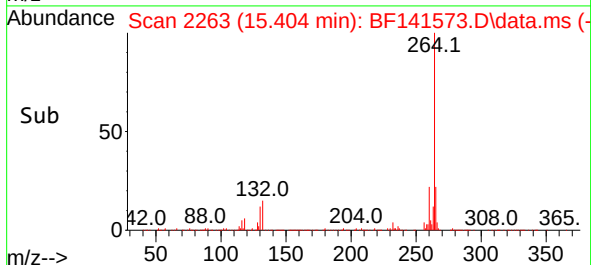
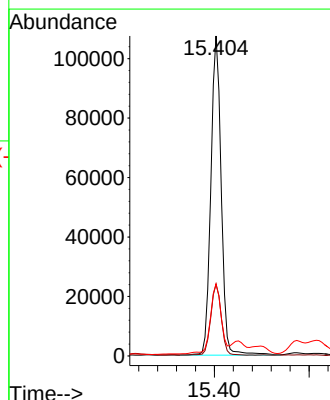
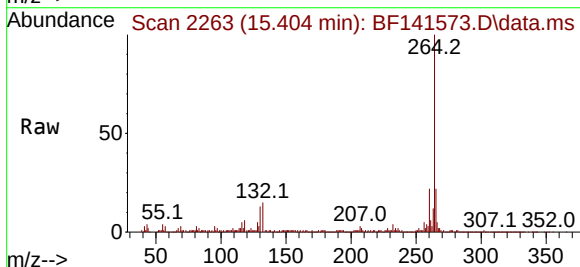
RT: 15.404 min Scan# 2263

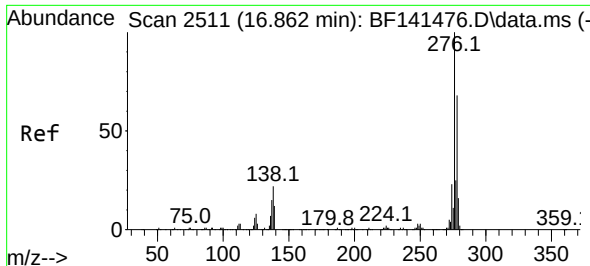
Delta R.T. -0.012 min

Lab File: BF141573.D

Acq: 11 Feb 2025 20:11

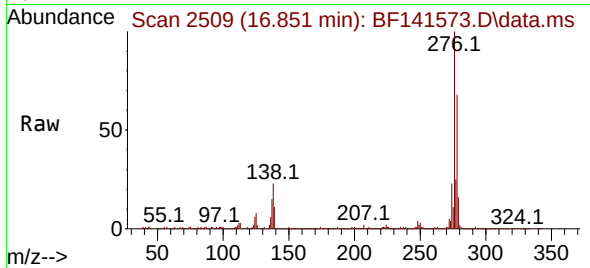
Tgt Ion:264 Resp: 163116
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 22.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.115 ng
RT: 16.851 min Scan# 2193
Delta R.T. -0.023 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

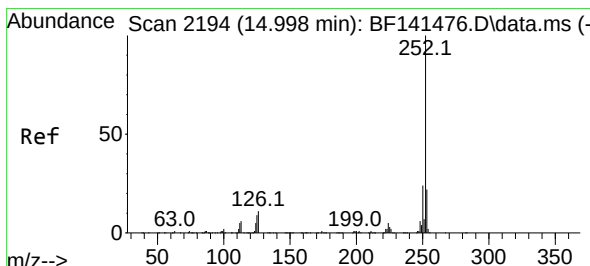
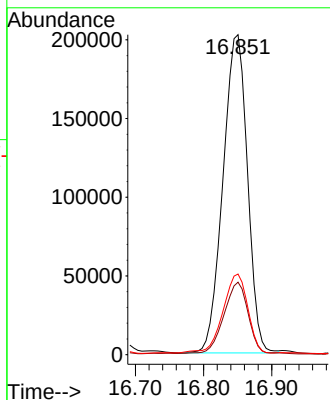
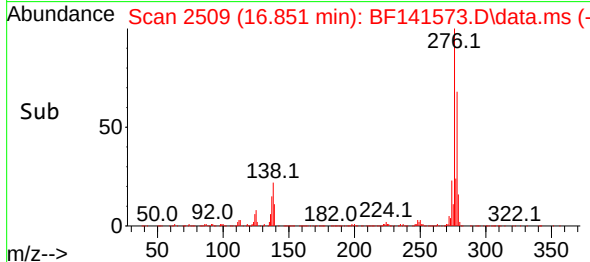
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:276 Resp: 505098
Ion Ratio Lower Upper
276 100
138 22.8 18.0 27.0
277 25.1 20.4 30.6

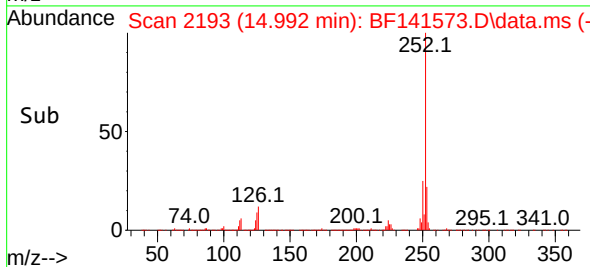
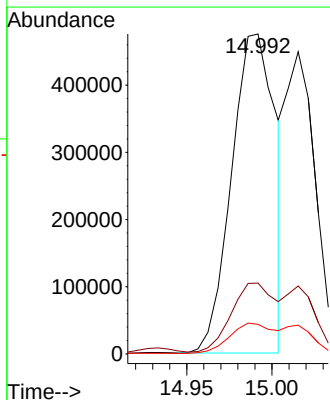
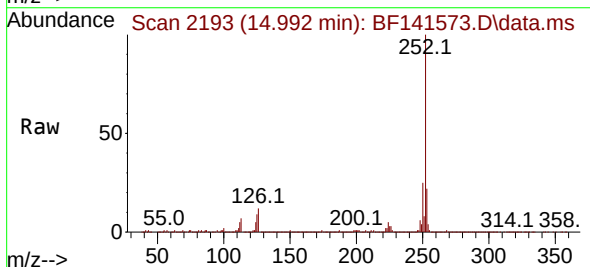
Manual Integrations
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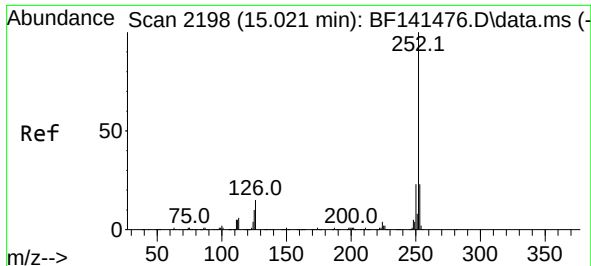
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#88
Benzo(b)fluoranthene
Concen: 77.326 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

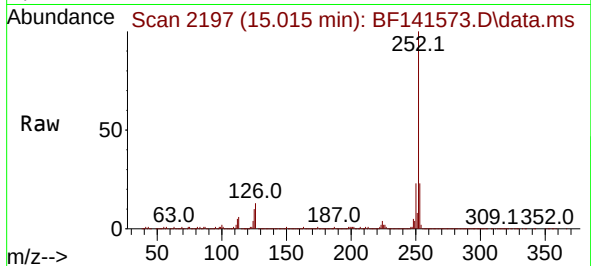
Tgt Ion:252 Resp: 846904
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.3 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 57.475 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

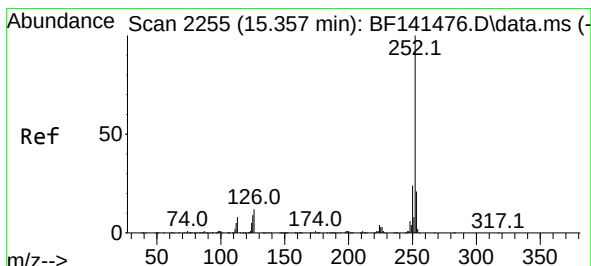
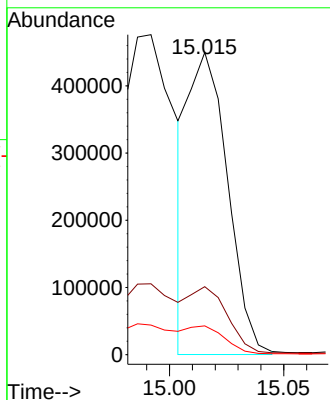
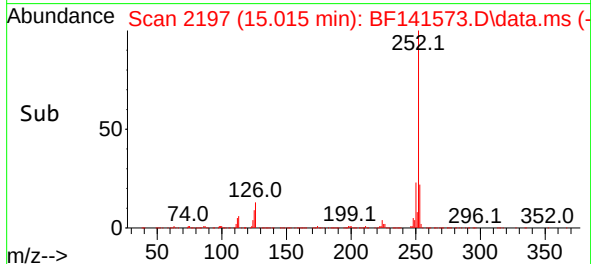
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



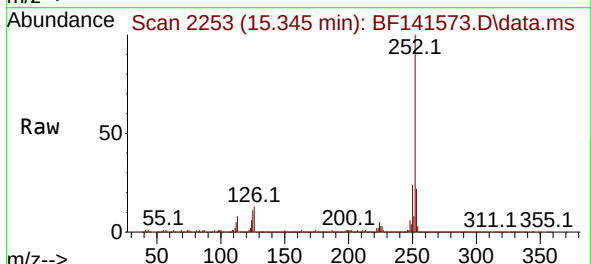
Tgt Ion:252 Resp: 537534
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.5 7.4 11.0

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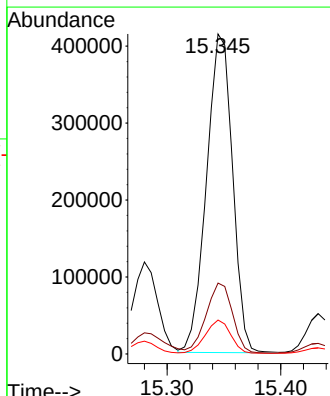
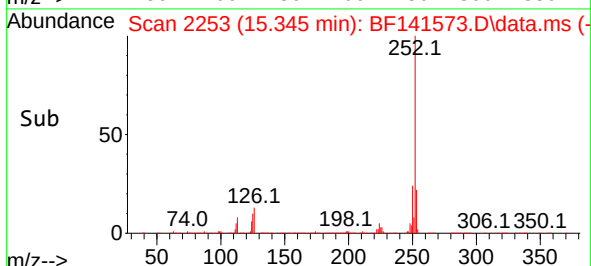
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

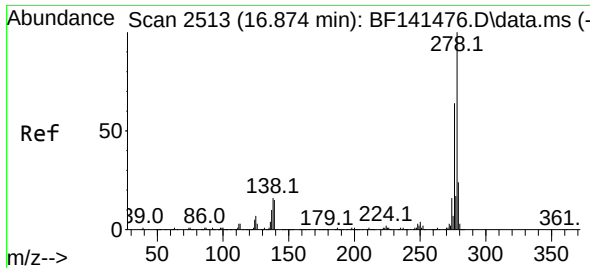


#90
Benzo(a)pyrene
Concen: 74.508 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.018 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11



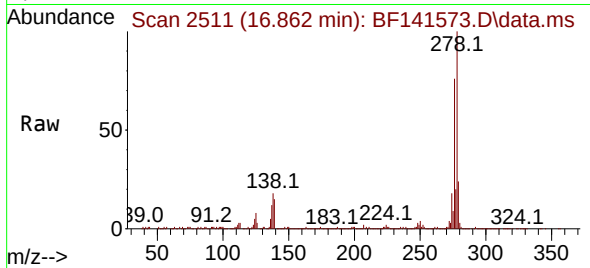
Tgt Ion:252 Resp: 660314
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.6 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 42.800 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

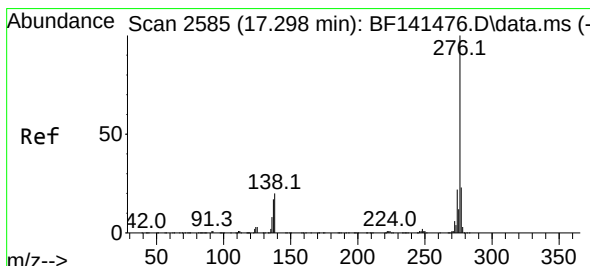
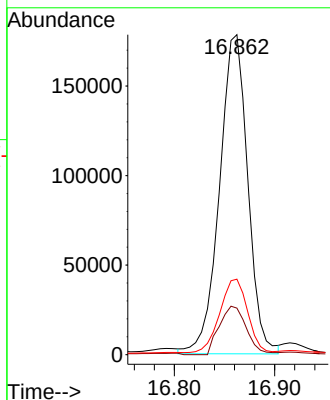
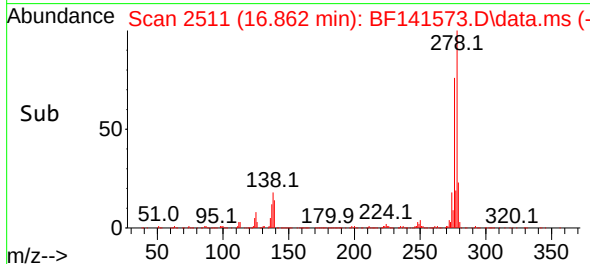
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MS



Tgt Ion:278 Resp: 349538
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.6 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 46.732 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.035 min
Lab File: BF141573.D
Acq: 11 Feb 2025 20:11

Tgt Ion:276 Resp: 399380
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.7 15.9 23.9

