

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141491.D
 Acq On : 06 Feb 2025 20:11
 Operator : RC/JU
 Sample : Q1309-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 01:55:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100627	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	404694	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	224270	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	386018	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237305	20.000	ng	0.00
86) Perylene-d12	15.404	264	204673	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	603100	93.961	ng	0.00
7) Phenol-d6	6.434	99	755653	93.146	ng	0.00
23) Nitrobenzene-d5	7.351	82	507241	65.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219190	97.293	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	940971	64.641	ng	0.00
79) Terphenyl-d14	12.898	244	1027032	73.062	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	113225	43.829	ng	99
3) Pyridine	3.310	79	263447	42.855	ng	99
4) n-Nitrosodimethylamine	3.263	42	172808	42.454	ng	100
6) Aniline	6.451	93	371906	48.871	ng	94
8) 2-Chlorophenol	6.575	128	302789	43.658	ng	98
9) Benzaldehyde	6.340	77	183550	42.577	ng	99
10) Phenol	6.446	94	369959	43.815	ng	91
11) bis(2-Chloroethyl)ether	6.528	93	271571	42.820	ng	100
12) 1,3-Dichlorobenzene	6.728	146	311702	42.571	ng	99
13) 1,4-Dichlorobenzene	6.804	146	318338	42.553	ng	100
14) 1,2-Dichlorobenzene	6.957	146	301958	43.490	ng	99
15) Benzyl Alcohol	6.934	79	264746	42.556	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	474791	43.734	ng	87
17) 2-Methylphenol	7.051	107	232781	42.889	ng	98
18) Hexachloroethane	7.298	117	121167	43.765	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	212978	43.889	ng	98
20) 3+4-Methylphenols	7.204	107	295428	42.831	ng	97
22) Acetophenone	7.198	105	458481	45.543	ng	100
24) Nitrobenzene	7.375	77	316564	41.841	ng	99
25) Isophorone	7.610	82	570803	46.139	ng	100
26) 2-Nitrophenol	7.687	139	162358	43.132	ng	98
27) 2,4-Dimethylphenol	7.728	122	240172	54.617	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	345530	43.587	ng	100
29) 2,4-Dichlorophenol	7.934	162	248252	41.783	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	271253	41.924	ng	99
31) Naphthalene	8.092	128	870408	41.318	ng	100
32) Benzoic acid	7.869	122	204949	44.870	ng	98
33) 4-Chloroaniline	8.145	127	317287	43.140	ng	99
34) Hexachlorobutadiene	8.210	225	170985	44.020	ng	100
35) Caprolactam	8.516	113	85757m	47.405	ng	
36) 4-Chloro-3-methylphenol	8.634	107	274439	41.699	ng	100
37) 2-Methylnaphthalene	8.787	142	554783	40.471	ng	100
38) 1-Methylnaphthalene	8.881	142	540272	40.693	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	300954	46.383	ng	99
41) Hexachlorocyclopentadiene	8.939	237	331275	153.503	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	179559	42.818	ng	98

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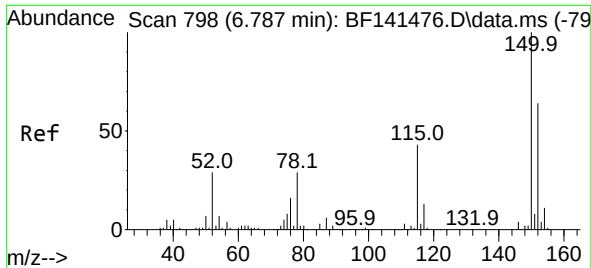
Manual Integrations
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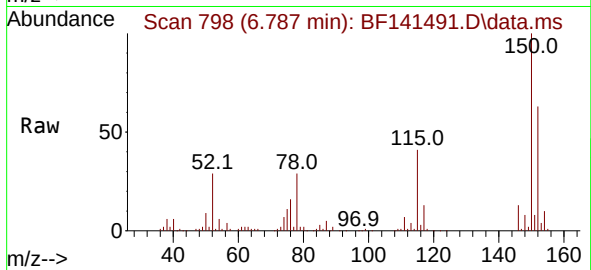
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	189148	41.618	ng	98
46) 1,1'-Biphenyl	9.251	154	803214	46.196	ng	99
47) 2-Chloronaphthalene	9.275	162	542437	42.189	ng	99
48) 2-Nitroaniline	9.375	65	189058	43.815	ng	99
49) Acenaphthylene	9.692	152	842733	44.067	ng	100
50) Dimethylphthalate	9.557	163	644727	42.346	ng	99
51) 2,6-Dinitrotoluene	9.616	165	142809	42.907	ng	98
52) Acenaphthene	9.863	154	529170	41.159	ng	99
53) 3-Nitroaniline	9.786	138	136527	38.112	ng	98
54) 2,4-Dinitrophenol	9.898	184	186614	94.340	ng	96
55) Dibenzofuran	10.034	168	764119	40.491	ng	99
56) 4-Nitrophenol	9.963	139	240203	90.328	ng	100
57) 2,4-Dinitrotoluene	10.022	165	193370	43.642	ng	99
58) Fluorene	10.375	166	611309	41.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	163881	41.883	ng	98
60) Diethylphthalate	10.251	149	641802	42.845	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	294531	41.958	ng	99
62) 4-Nitroaniline	10.404	138	157755	43.369	ng	99
63) Azobenzene	10.528	77	668955	44.921	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	117080	43.662	ng	96
66) n-Nitrosodiphenylamine	10.492	169	532896	43.126	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	182308	42.257	ng	95
68) Hexachlorobenzene	10.928	284	192257	43.277	ng	99
69) Atrazine	11.022	200	202655	54.667	ng	99
70) Pentachlorophenol	11.122	266	247993	87.302	ng	98
71) Phenanthrene	11.339	178	913711	43.001	ng	100
72) Anthracene	11.392	178	937034	43.869	ng	100
73) Carbazole	11.551	167	803520	41.808	ng	100
74) Di-n-butylphthalate	11.880	149	979333	44.130	ng	100
75) Fluoranthene	12.527	202	926396	41.123	ng	100
77) Benzidine	12.657	184	786359	150.252	ng	99
78) Pyrene	12.757	202	935686	46.319	ng	100
80) Butylbenzylphthalate	13.380	149	384930	55.013	ng	99
81) Benzo(a)anthracene	13.945	228	672273	42.618	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	217262	48.081	ng	99
83) Chrysene	13.980	228	633586	43.500	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	502710	63.702	ng	99
85) Di-n-octyl phthalate	14.557	149	738405	65.589	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	559061	44.207	ng	100
88) Benzo(b)fluoranthene	14.986	252	582125	42.359	ng	99
89) Benzo(k)fluoranthene	15.016	252	478977	40.816	ng	99
90) Benzo(a)pyrene	15.345	252	502323	45.172	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	450452	43.958	ng	100
92) Benzo(g,h,i)perylene	17.280	276	414473	38.651	ng	100

(#) = 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: BF141491.D
Acq: 06 Feb 2025 20:11

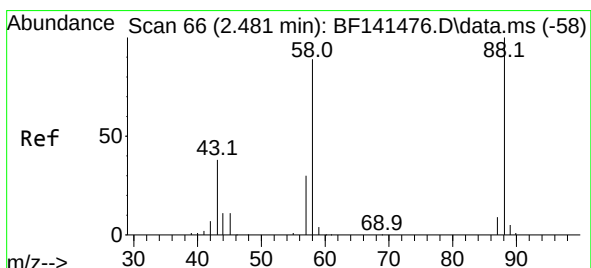
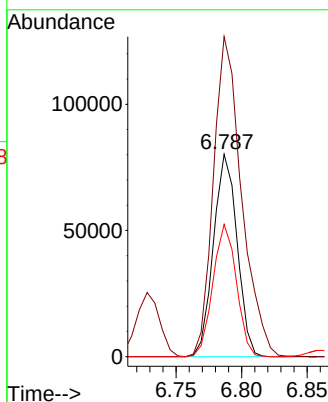
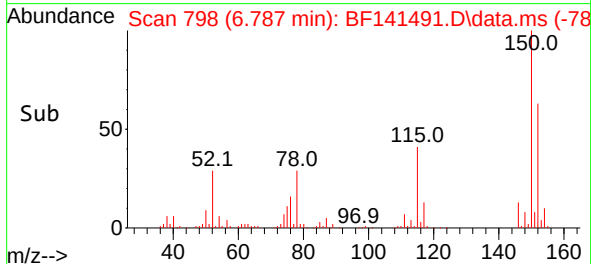
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:152 Resp: 10062
Ion Ratio Lower Upper
152 100
150 158.1 125.0 187.4
115 65.4 53.6 80.4

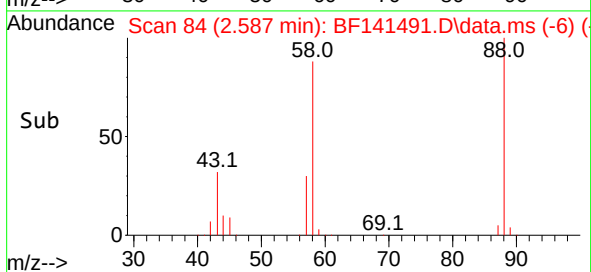
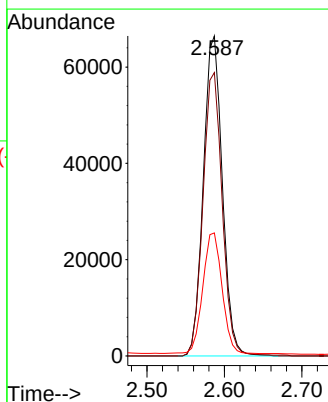
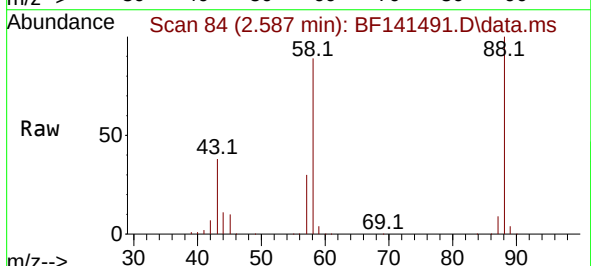
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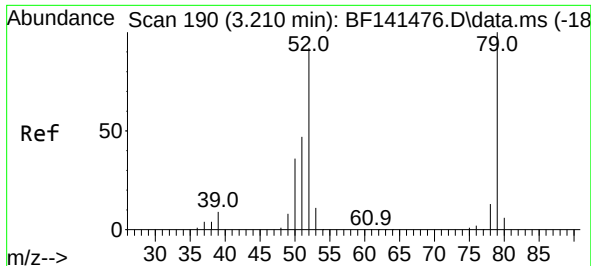
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 43.829 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.106 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

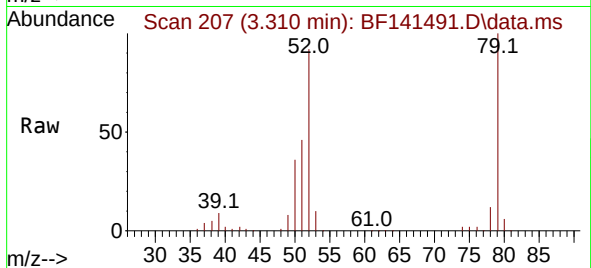
Tgt Ion: 88 Resp: 113225
Ion Ratio Lower Upper
88 100
58 89.8 71.1 106.7
43 39.5 30.6 46.0





#3
Pyridine
Concen: 42.855 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.094 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

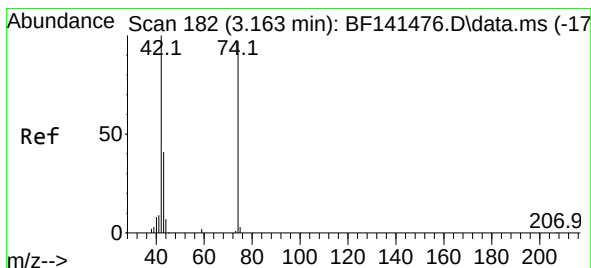
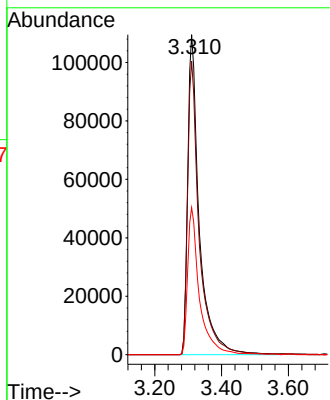
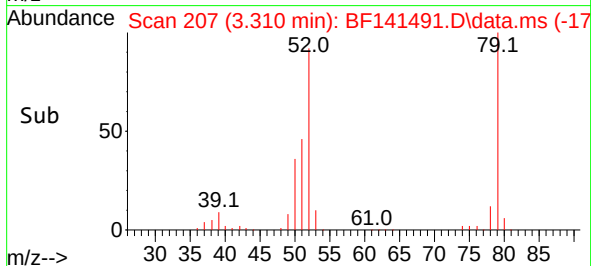
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 79 Resp: 26344
Ion Ratio Lower Upper
79 100
52 91.7 73.7 110.5
51 46.0 37.5 56.3

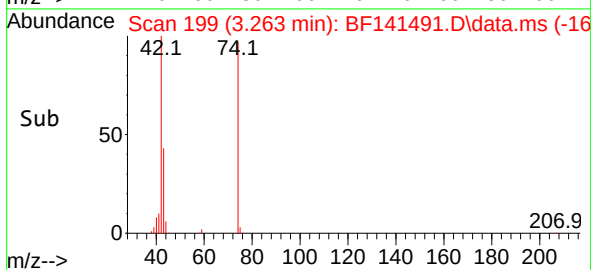
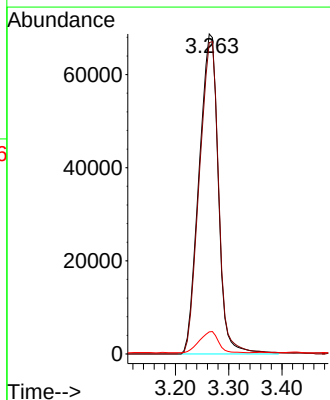
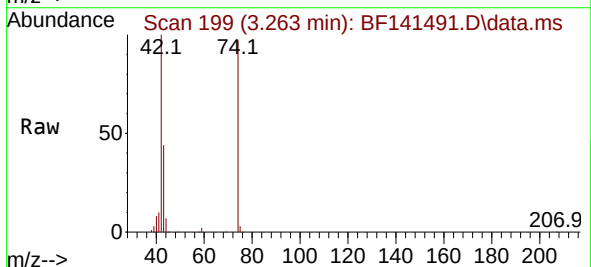
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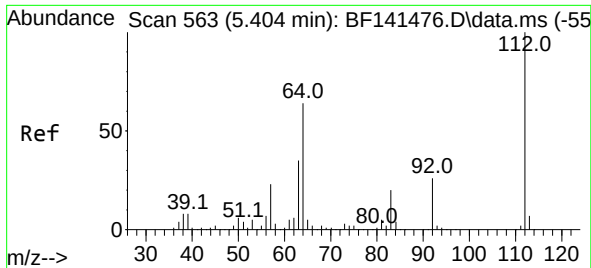
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#4
n-Nitrosodimethylamine
Concen: 42.454 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.077 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Tgt Ion: 42 Resp: 172808
Ion Ratio Lower Upper
42 100
74 97.3 78.0 117.0
44 6.9 5.4 8.2





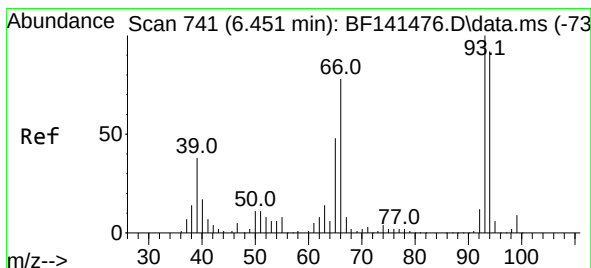
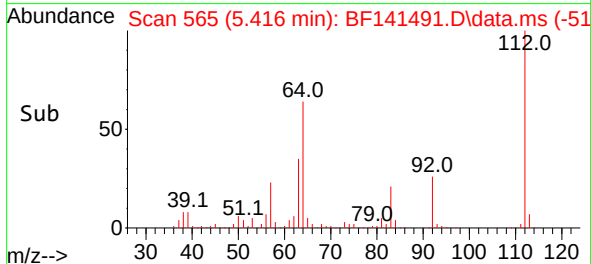
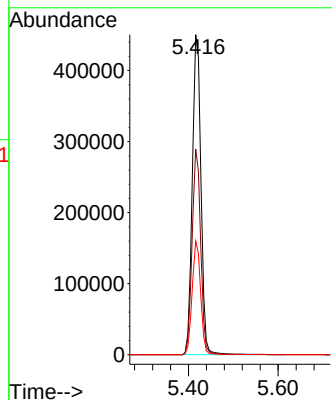
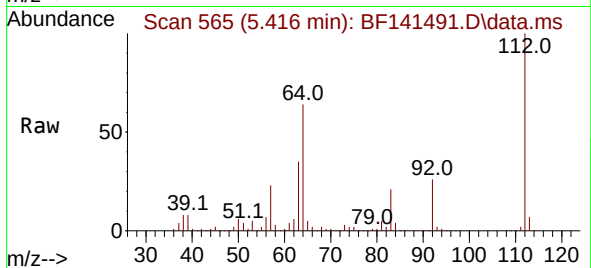
#5
2-Fluorophenol
Concen: 93.961 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:112 Resp: 603100
Ion Ratio Lower Upper
112 100
64 64.2 51.1 76.7
63 35.5 28.4 42.6

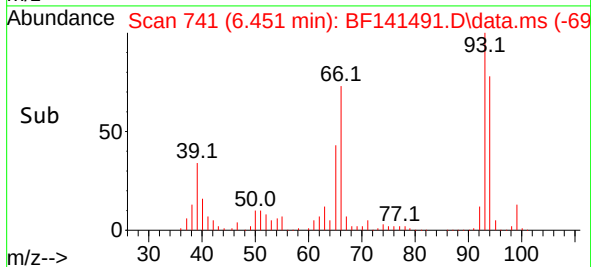
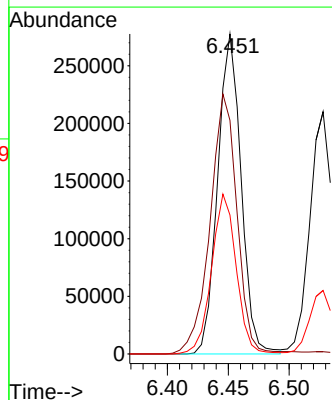
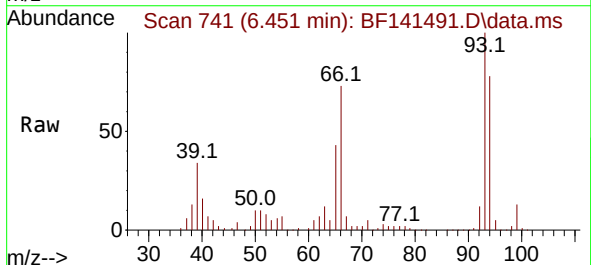
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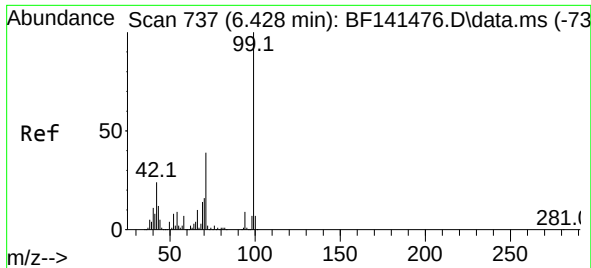
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#6
Aniline
Concen: 48.871 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

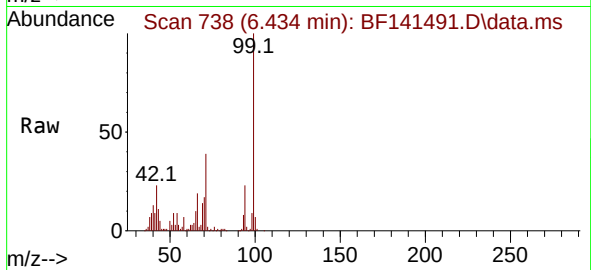
Tgt Ion: 93 Resp: 371906
Ion Ratio Lower Upper
93 100
66 73.0 62.6 94.0
65 43.4 38.3 57.5





#7
Phenol-d6
Concen: 93.146 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

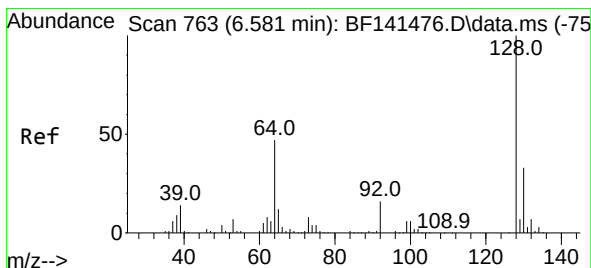
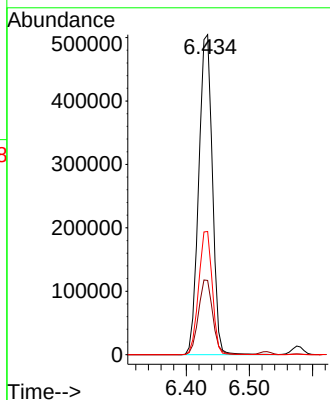
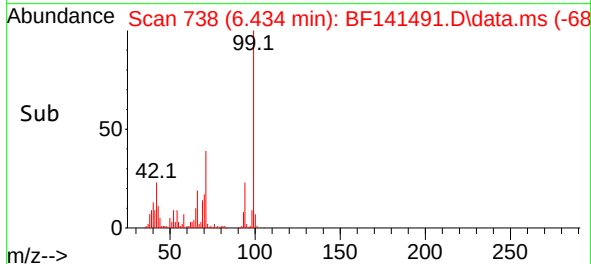
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 99 Resp: 75565
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 38.5 31.1 46.7

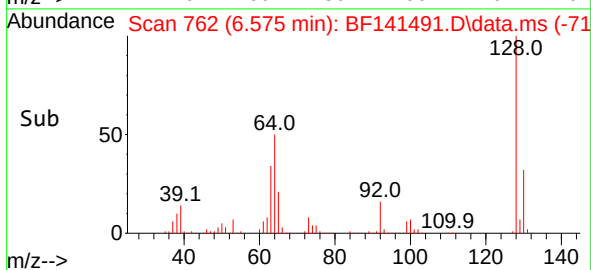
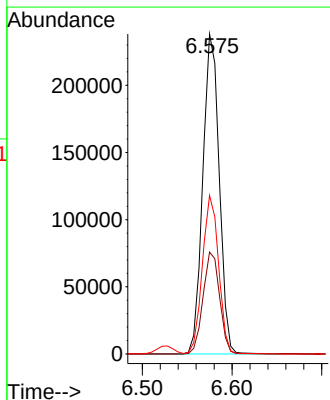
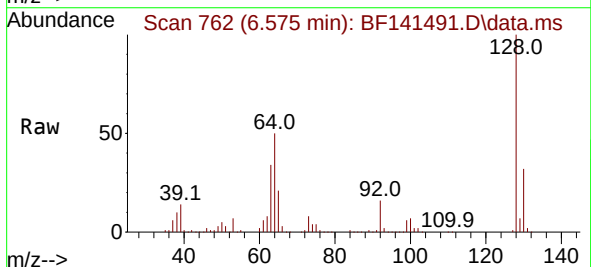
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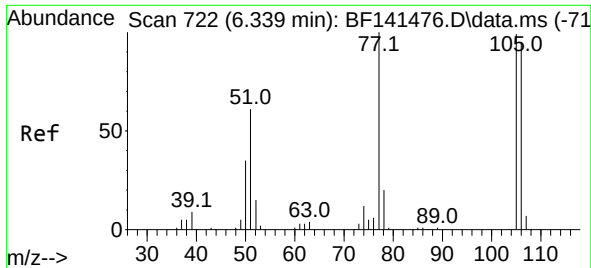
Reviewed By :Jagrut Upadhyay 02/07/2025
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#8
2-Chlorophenol
Concen: 43.658 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

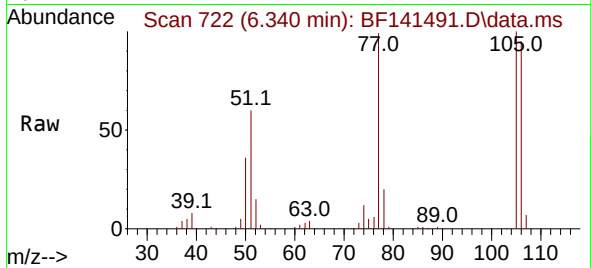
Tgt Ion:128 Resp: 302789
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 49.6 28.3 68.3





#9
Benzaldehyde
Concen: 42.577 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

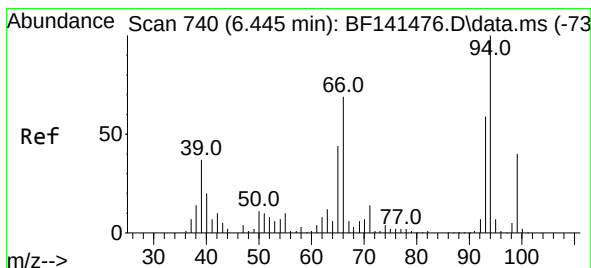
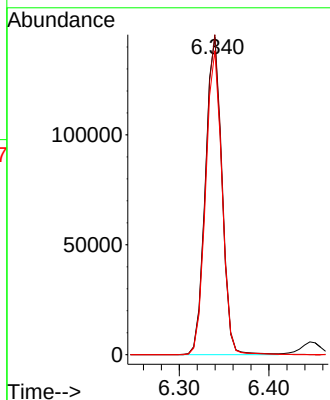
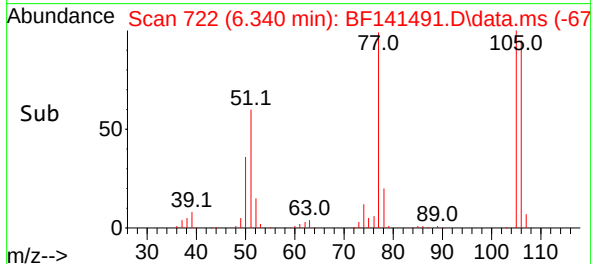
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 77 Resp: 183550
Ion Ratio Lower Upper
77 100
105 100.8 79.4 119.4
106 95.7 75.1 115.1

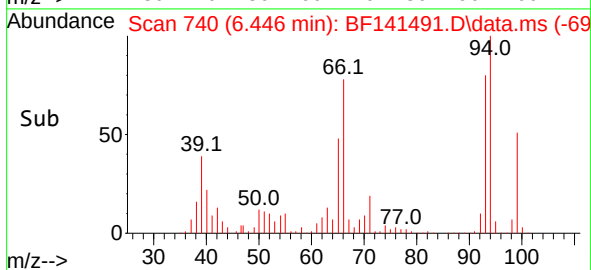
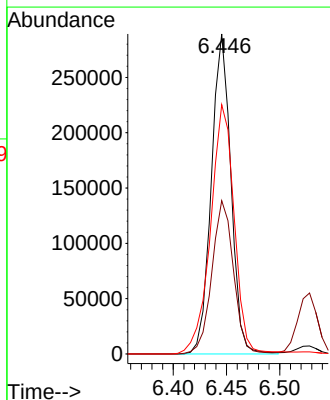
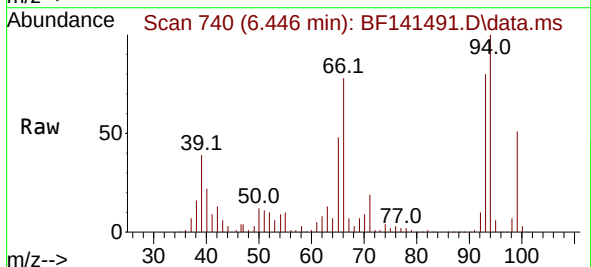
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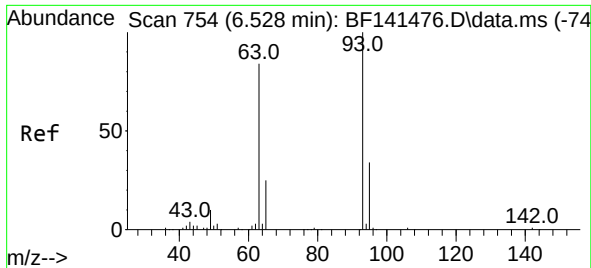
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 43.815 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Tgt Ion: 94 Resp: 369959
Ion Ratio Lower Upper
94 100
65 47.9 23.7 63.7
66 77.9 49.3 89.3





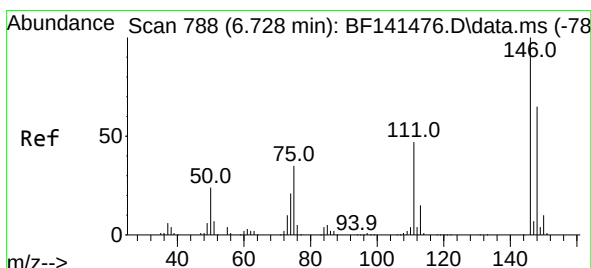
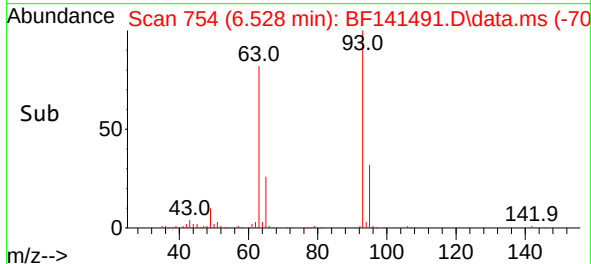
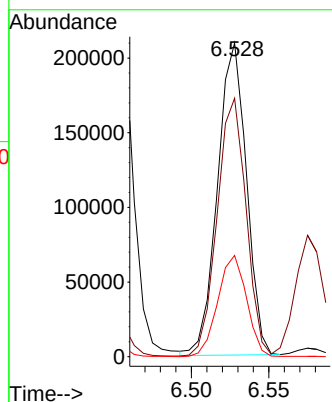
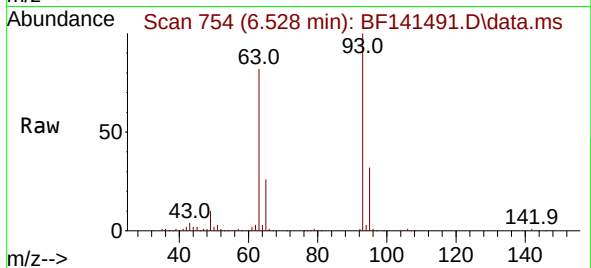
#11
bis(2-Chloroethyl)ether
Concen: 42.820 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion: 93 Resp: 27157
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.3 12.6 52.6

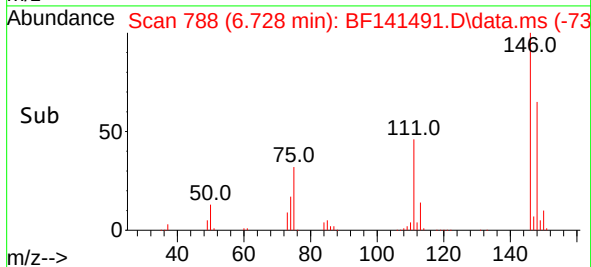
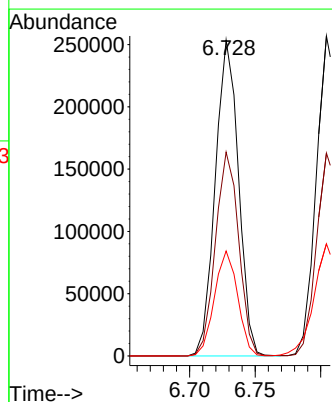
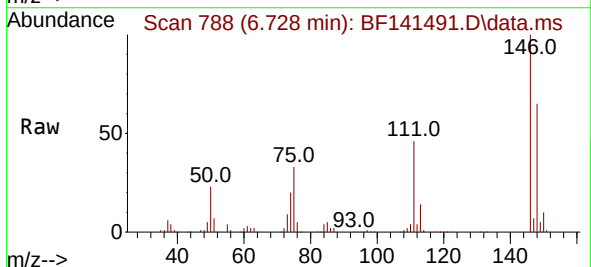
Manual Integrations
APPROVED

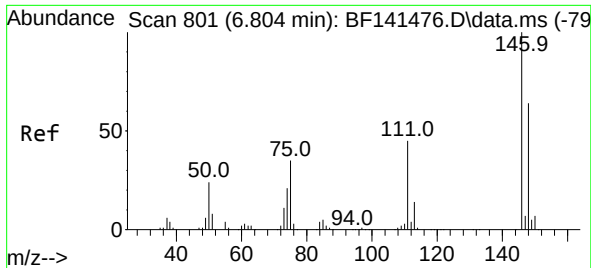
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 42.571 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

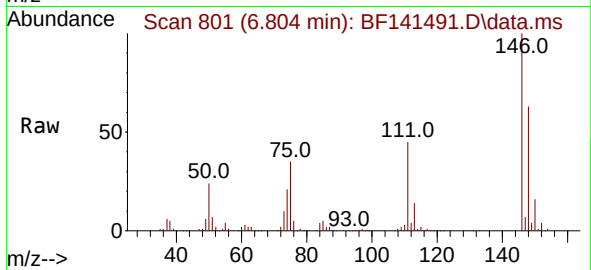
Tgt Ion:146 Resp: 311702
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 33.2 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 42.553 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

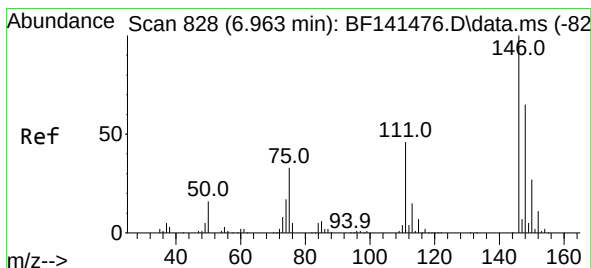
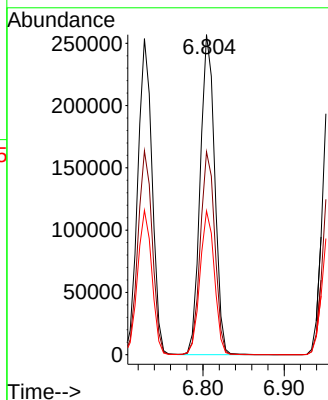
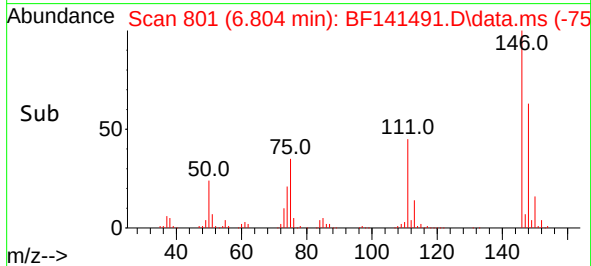
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



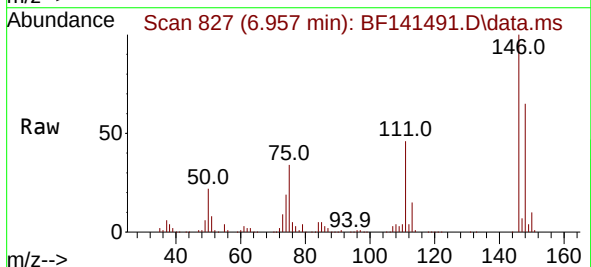
Tgt Ion:146 Resp: 318338
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 44.9 35.9 53.9

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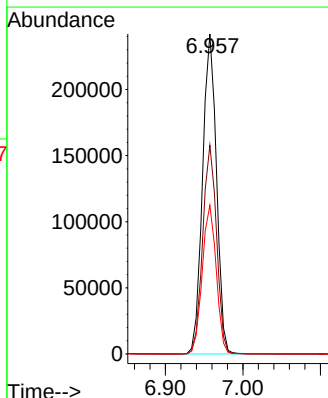
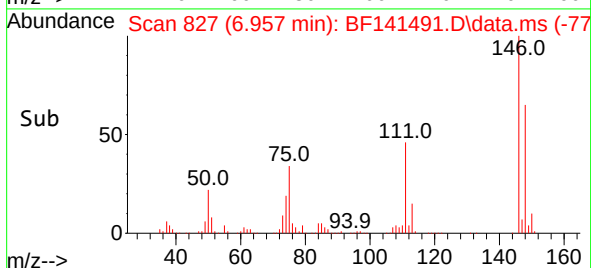
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

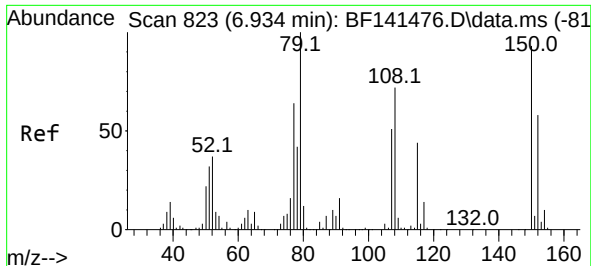


#14
1,2-Dichlorobenzene
Concen: 43.490 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



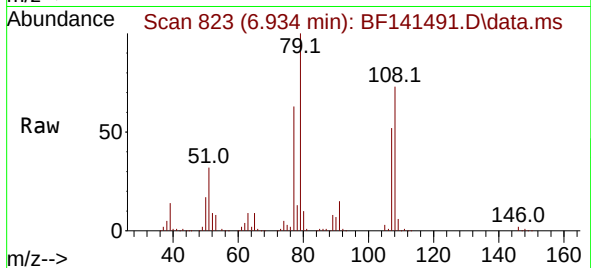
Tgt Ion:146 Resp: 301958
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
111 46.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.556 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

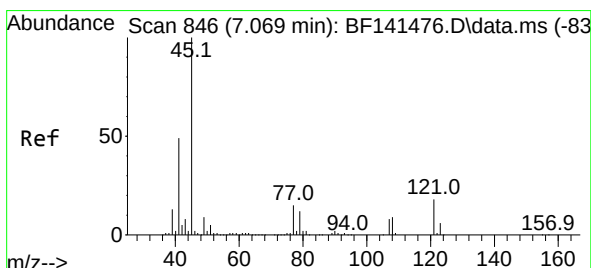
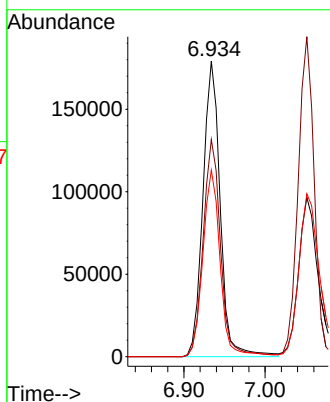
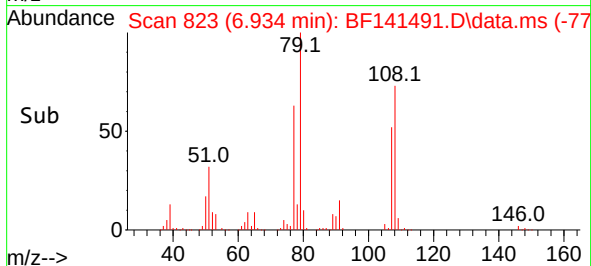
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



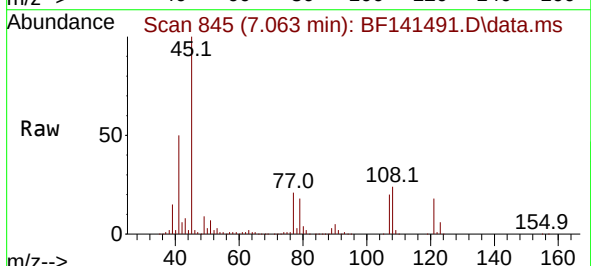
Tgt Ion: 79 Resp: 264740
Ion Ratio Lower Upper
79 100
108 73.5 57.4 86.2
77 63.2 50.9 76.3

Manual Integrations
APPROVED

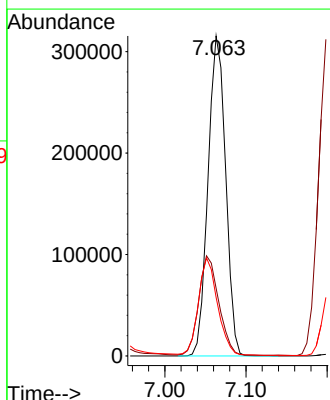
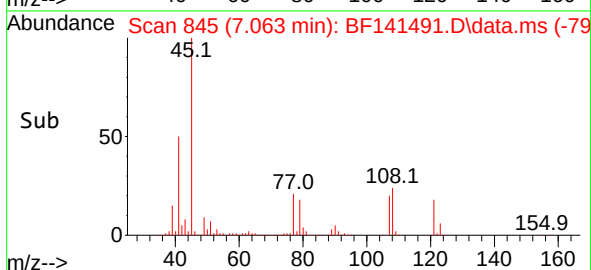
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

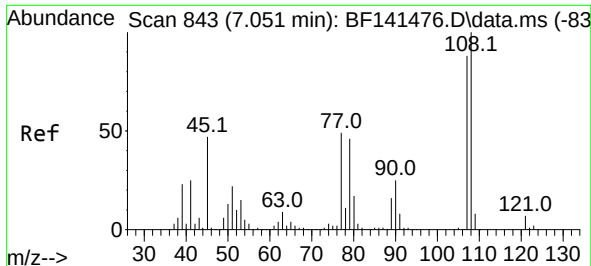


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.734 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion: 45 Resp: 474791
Ion Ratio Lower Upper
45 100
77 21.1 0.0 35.8
79 18.3 0.0 32.7





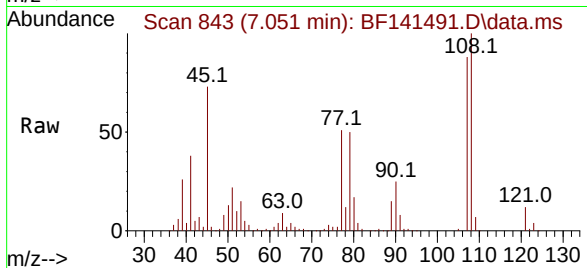
#17
2-Methylphenol
Concen: 42.889 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

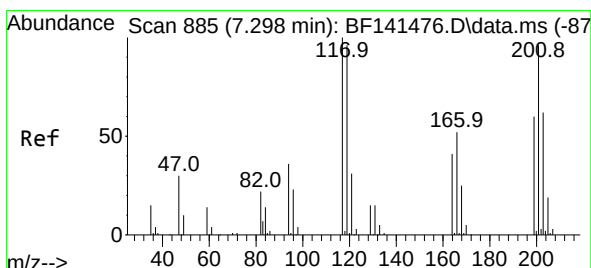
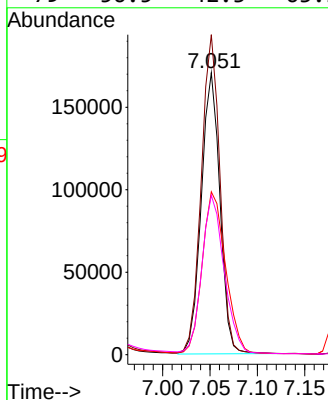
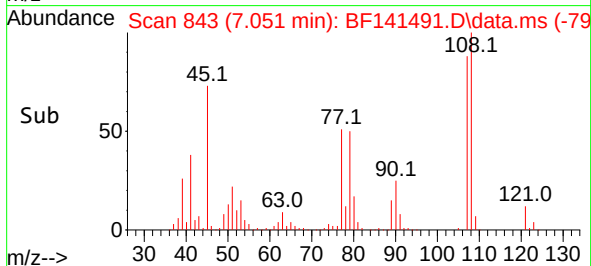


Tgt Ion:107 Resp: 23278
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 57.8 44.4 66.6
79 56.5 42.3 63.5

Manual Integrations

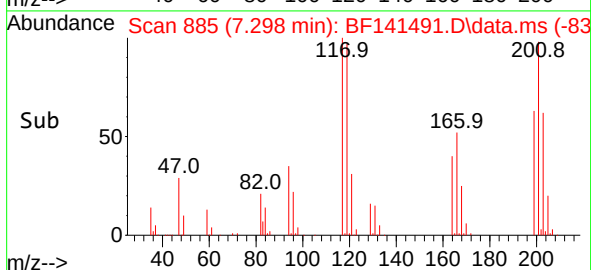
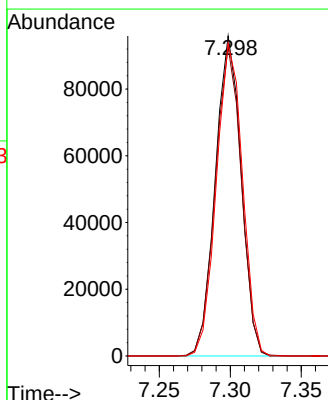
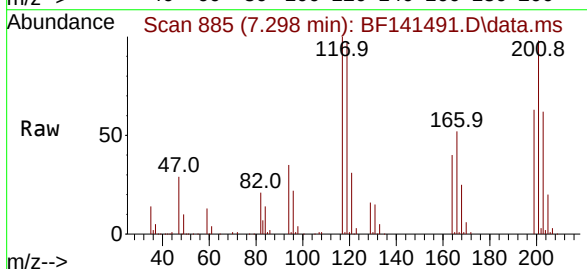
APPROVED

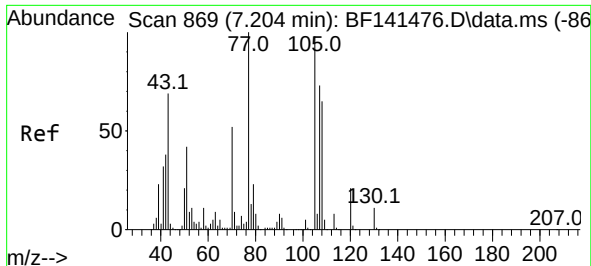
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 43.765 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

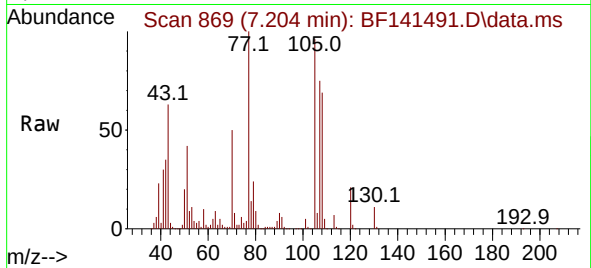
Tgt Ion:117 Resp: 121167
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
201 97.7 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.889 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

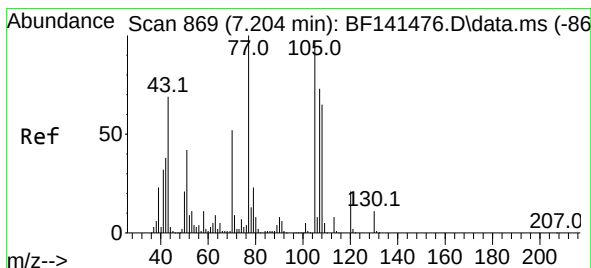
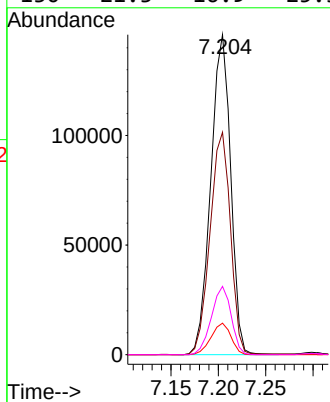
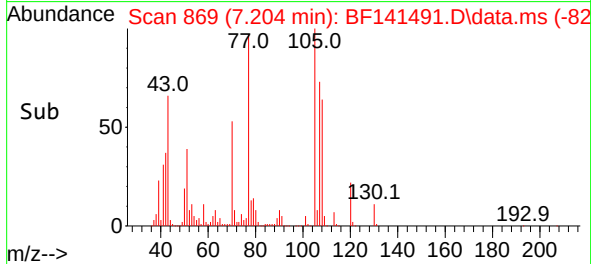
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



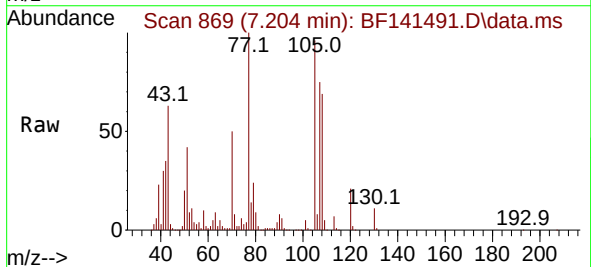
Tgt Ion: 70 Resp: 212978
Ion Ratio Lower Upper
70 100
42 69.5 57.4 86.2
101 9.9 8.0 12.0
130 21.3 16.9 25.3

Manual Integrations
APPROVED

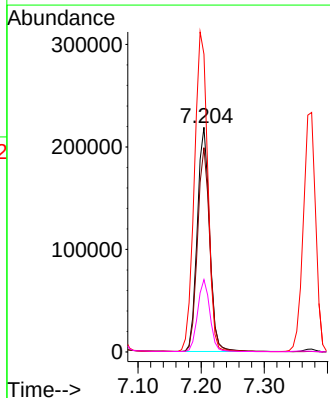
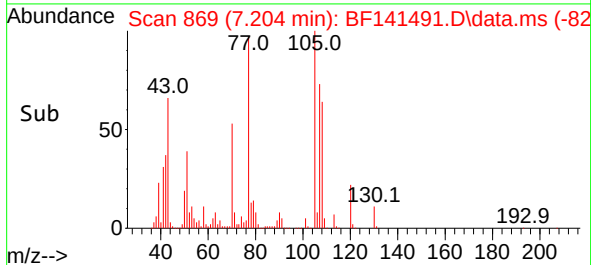
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

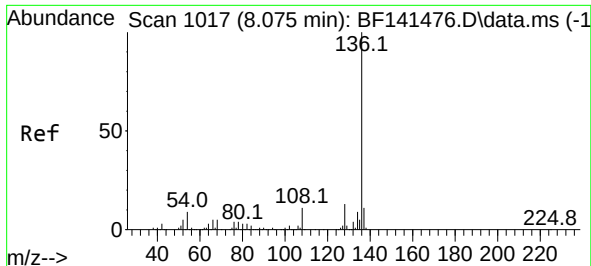


#20
3+4-Methylphenols
Concen: 42.831 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



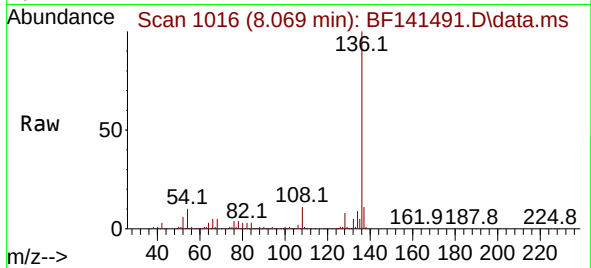
Tgt Ion:107 Resp: 295428
Ion Ratio Lower Upper
107 100
108 91.0 68.5 108.5
77 132.6 116.5 156.5
79 32.2 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

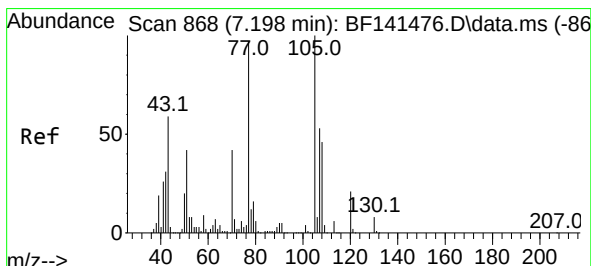
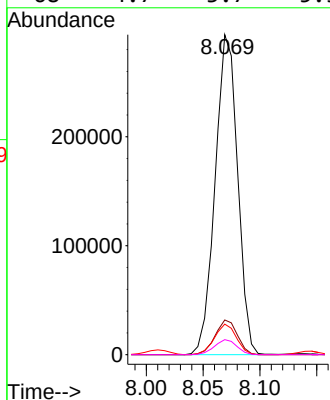
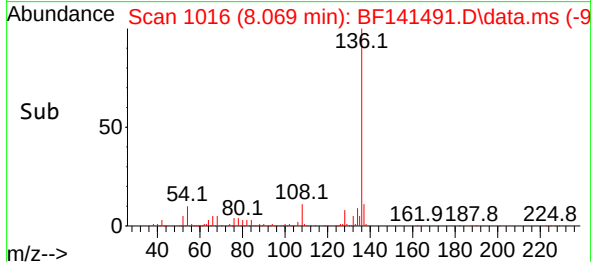
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



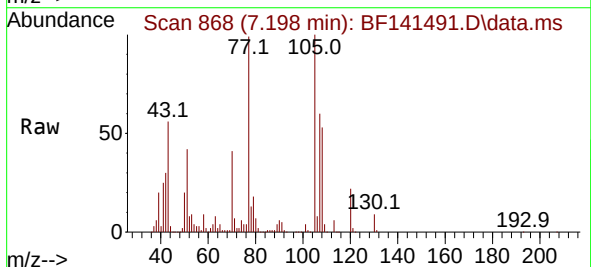
Tgt Ion:136 Resp: 404694
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.2 10.8
68 4.7 3.7 5.5

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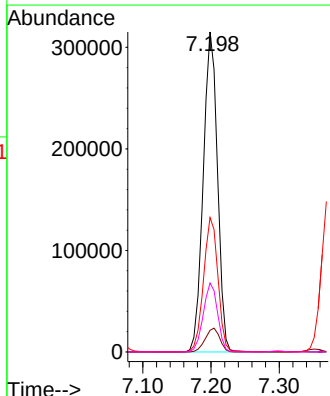
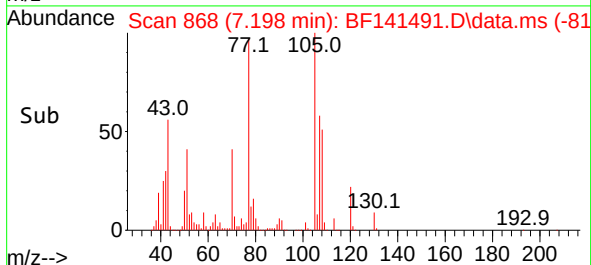
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

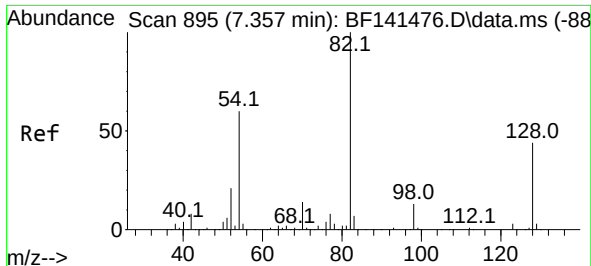


#22
Acetophenone
Concen: 45.543 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion:105 Resp: 458481
Ion Ratio Lower Upper
105 100
71 6.8 5.7 8.5
51 42.0 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 65.375 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 82 Resp: 50724

Ion Ratio Lower Upper

82 100

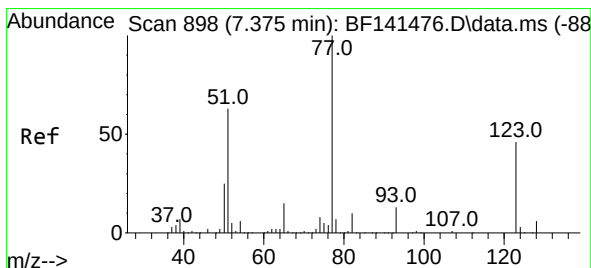
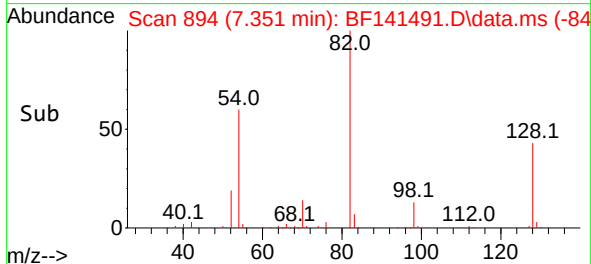
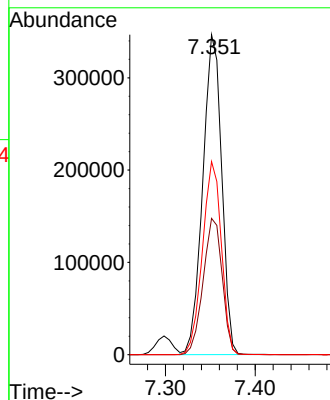
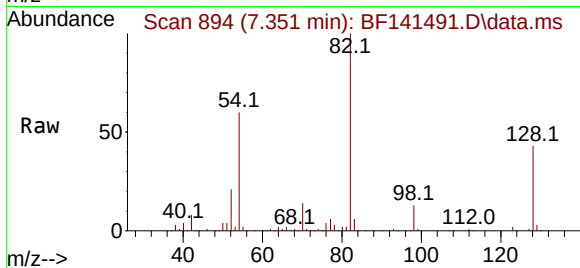
128 42.6 34.8 52.2

54 60.4 48.2 72.4

Manual Integrations

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



#24

Nitrobenzene

Concen: 41.841 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

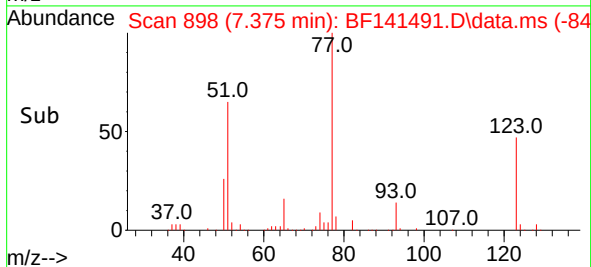
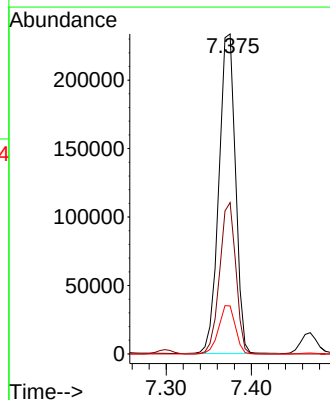
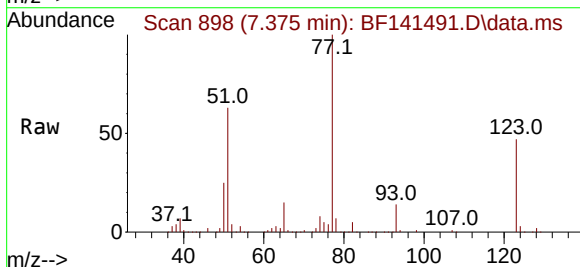
Tgt Ion: 77 Resp: 316564

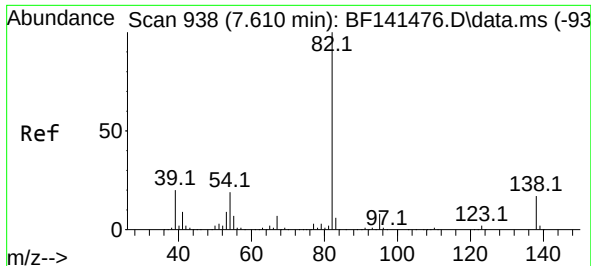
Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

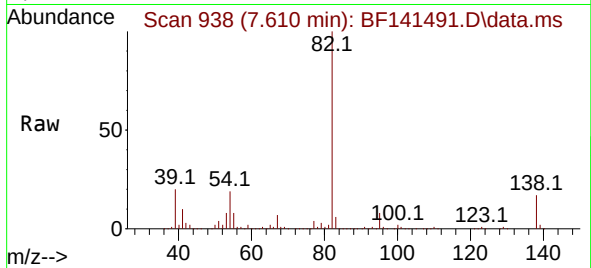
65 15.0 11.9 17.9





#25
Isophorone
Concen: 46.139 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

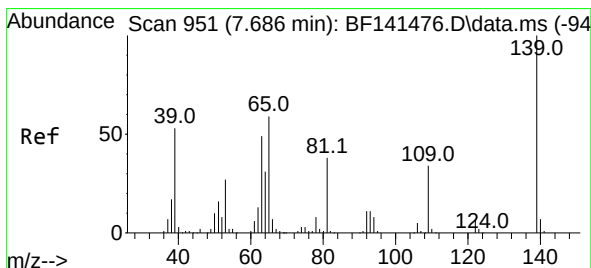
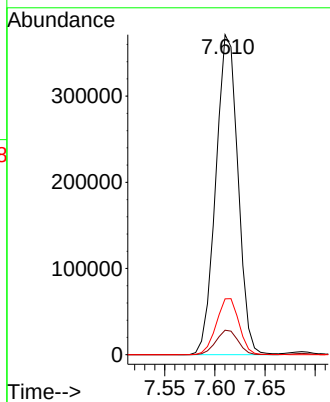
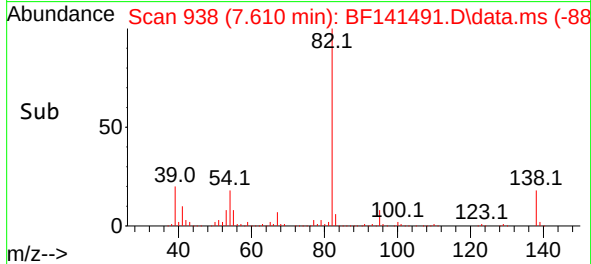
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 82 Resp: 57080
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.9 20.9

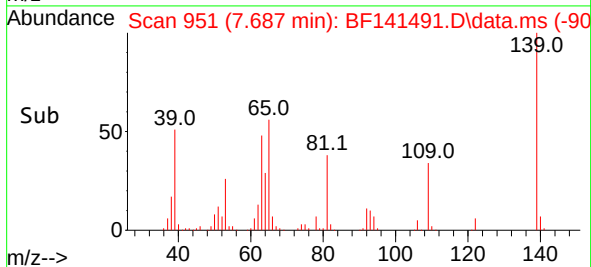
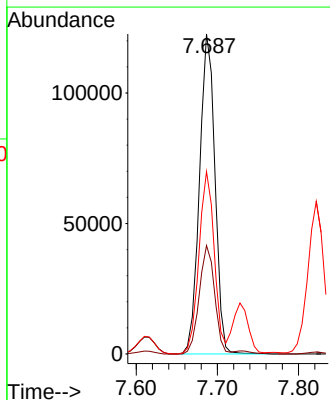
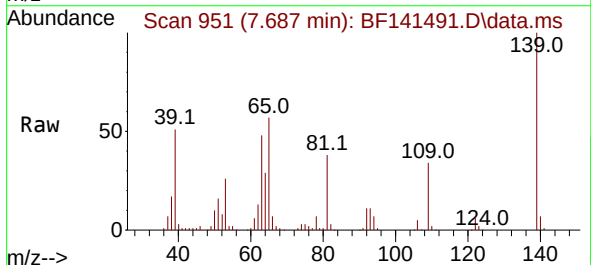
Manual Integrations
APPROVED

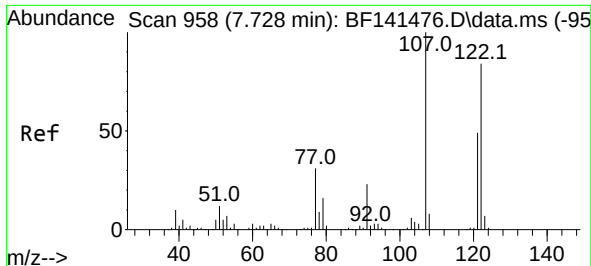
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 43.132 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Tgt Ion:139 Resp: 162358
Ion Ratio Lower Upper
139 100
109 33.9 27.0 40.6
65 57.0 47.1 70.7





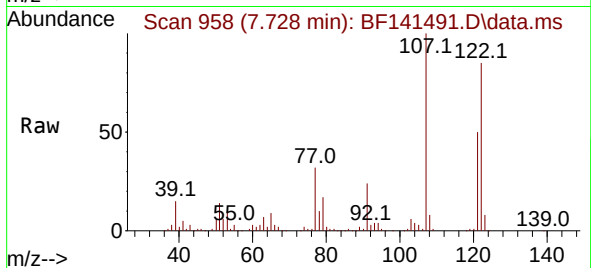
#27
2,4-Dimethylphenol
Concen: 54.617 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

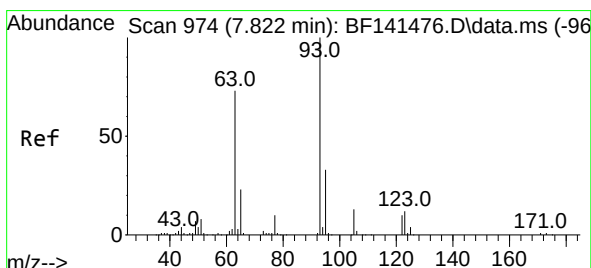
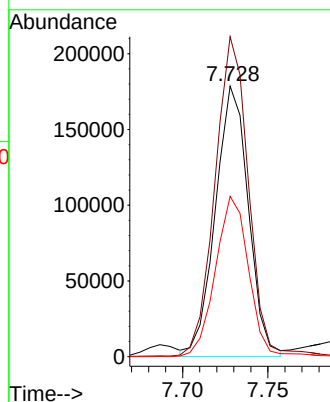
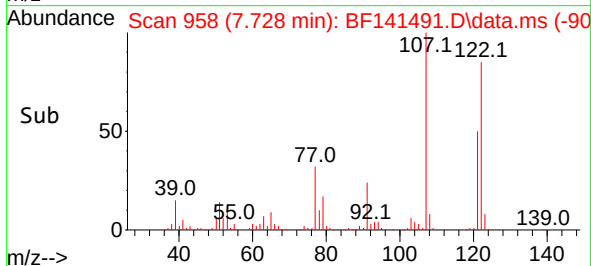


Tgt Ion:122 Resp: 240172
Ion Ratio Lower Upper
122 100
107 118.3 94.3 141.5
121 59.2 46.0 69.0

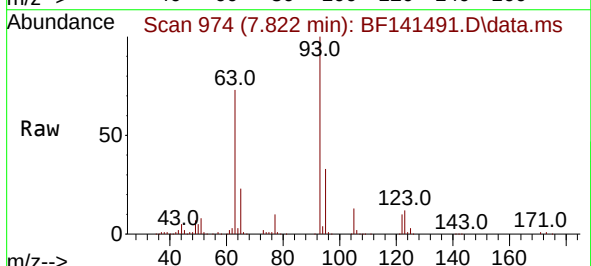
Manual Integrations

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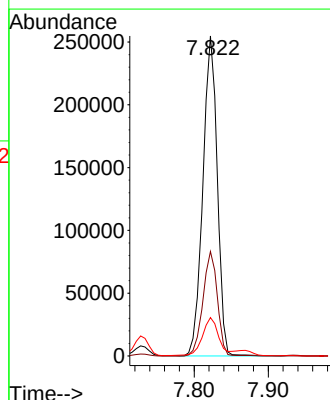
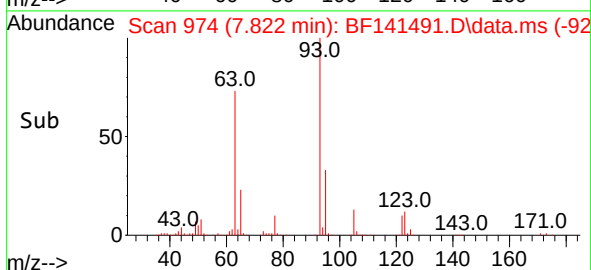
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

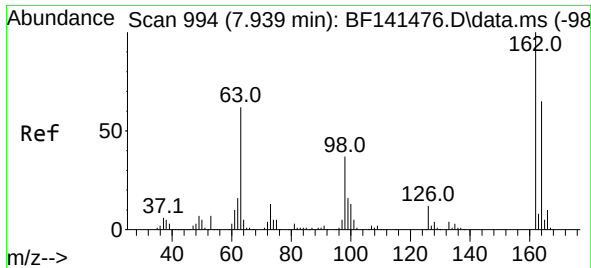


#28
bis(2-Chloroethoxy)methane
Concen: 43.587 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion: 93 Resp: 345530
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: 41.783 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

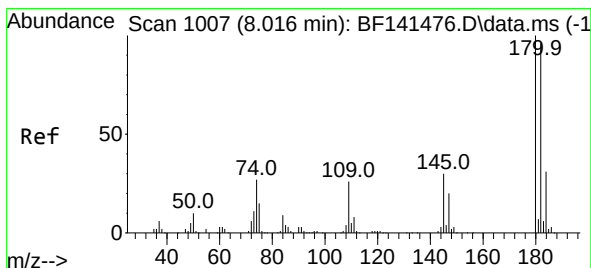
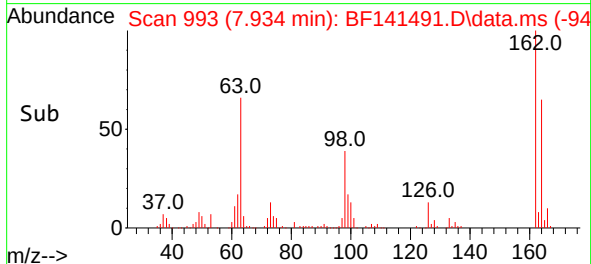
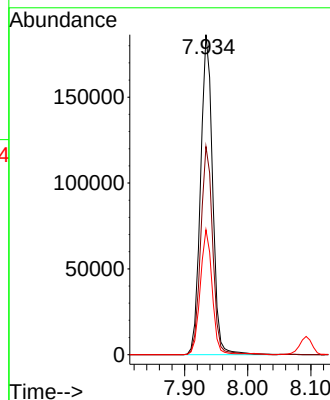
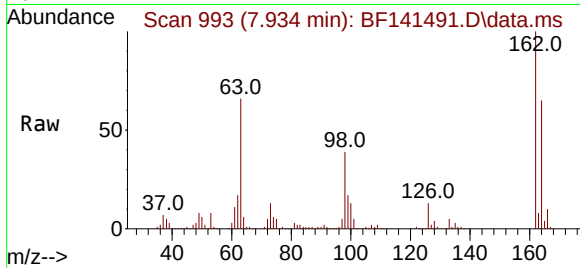
Tgt Ion:162 Resp: 248252

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	39.0	17.2	57.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 41.924 ng

RT: 8.010 min Scan# 1006

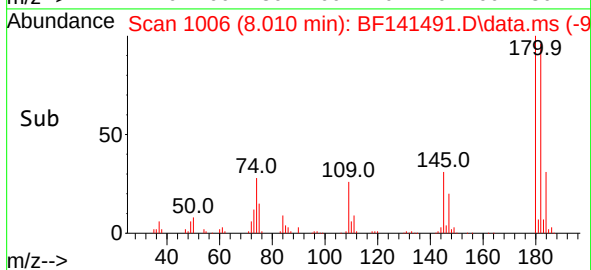
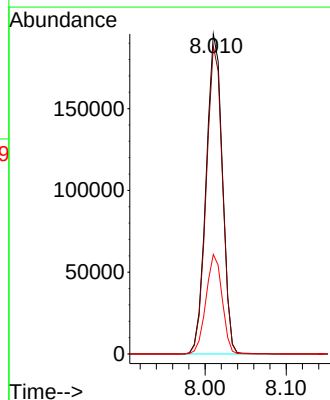
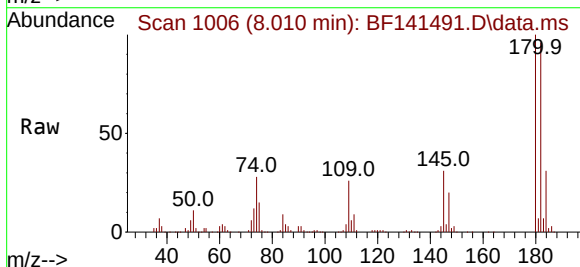
Delta R.T. -0.006 min

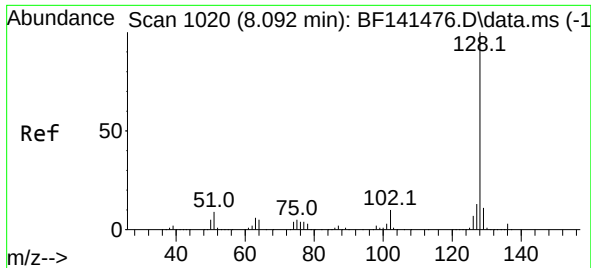
Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Tgt Ion:180 Resp: 271253

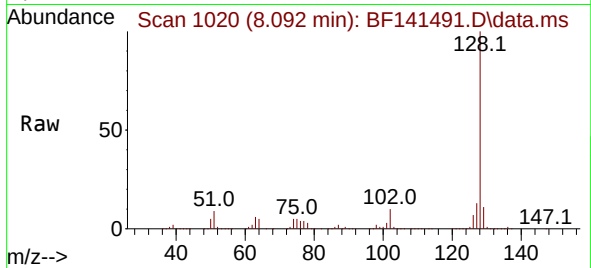
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	31.1	24.2	36.4





#31
Naphthalene
Concen: 41.318 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

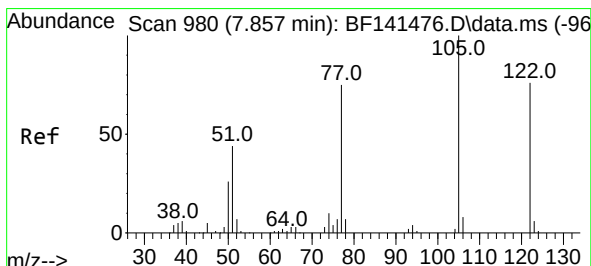
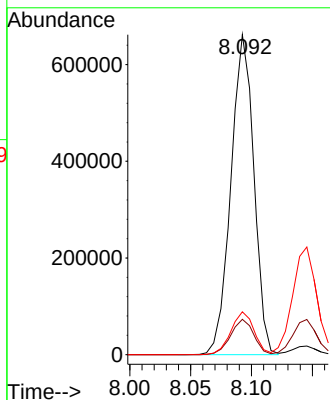
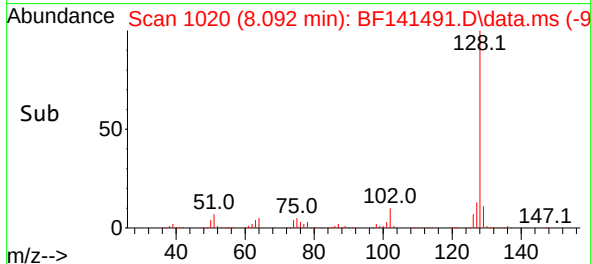
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:128 Resp: 870408
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1

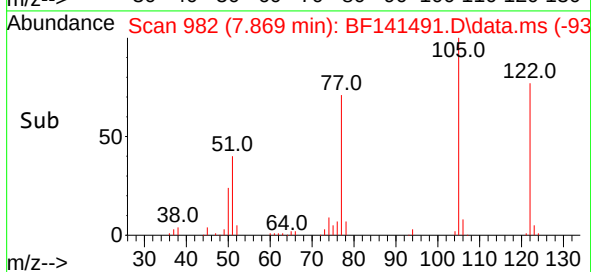
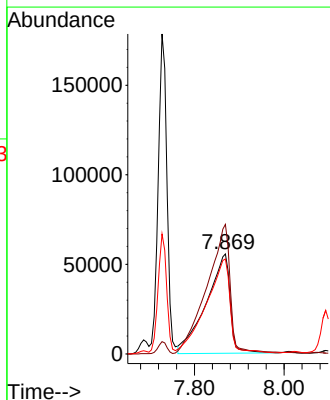
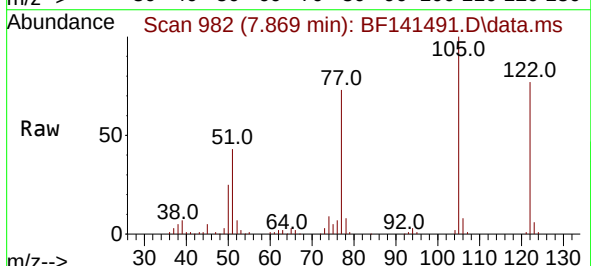
Manual Integrations
APPROVED

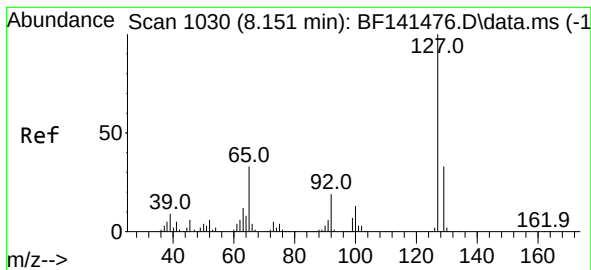
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 44.870 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Tgt Ion:122 Resp: 204949
Ion Ratio Lower Upper
122 100
105 129.6 106.5 146.5
77 95.1 76.3 116.3





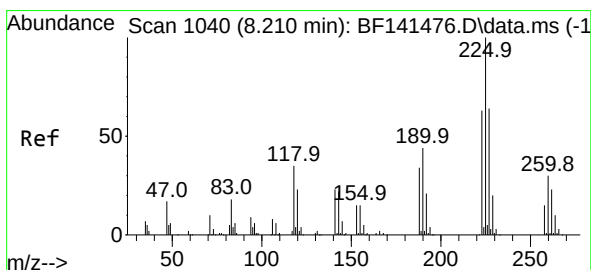
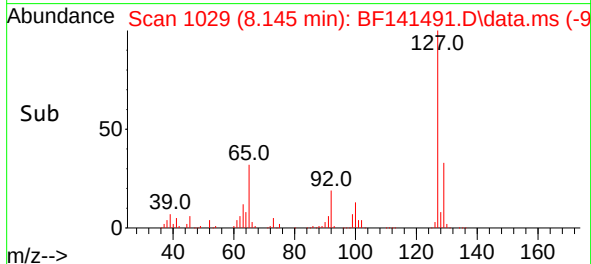
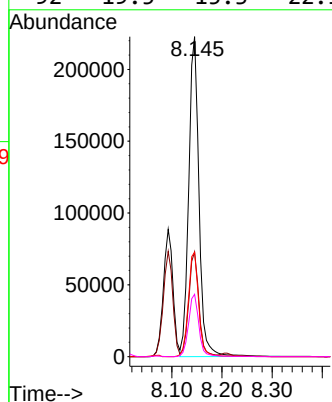
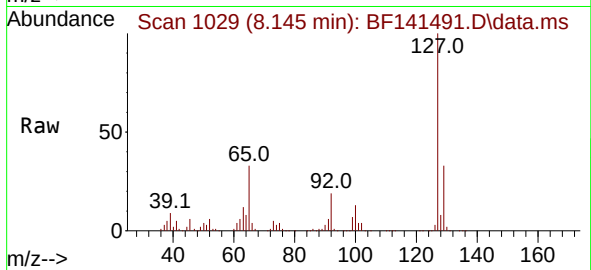
#33
4-Chloroaniline
Concen: 43.140 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:127 Resp: 31728
Ion Ratio Lower Upper
127 100
129 32.8 26.5 39.7
65 32.6 26.4 39.6
92 19.5 15.3 22.9

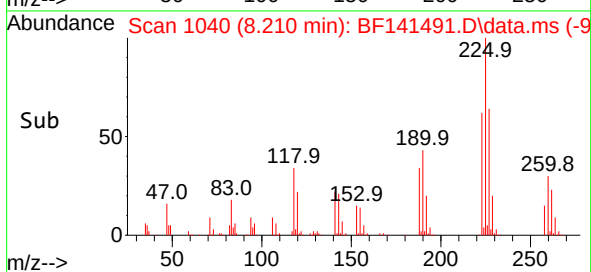
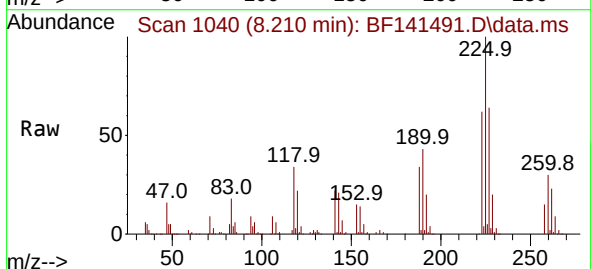
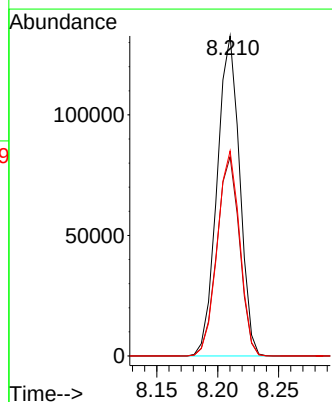
Manual Integrations
APPROVED

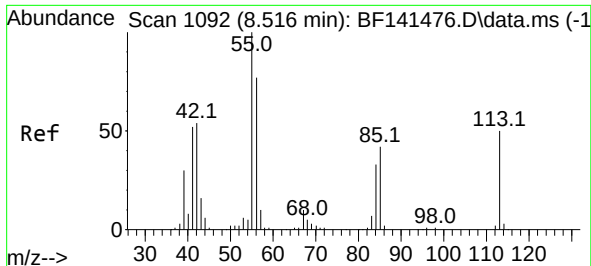
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Hexachlorobutadiene
Concen: 44.020 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

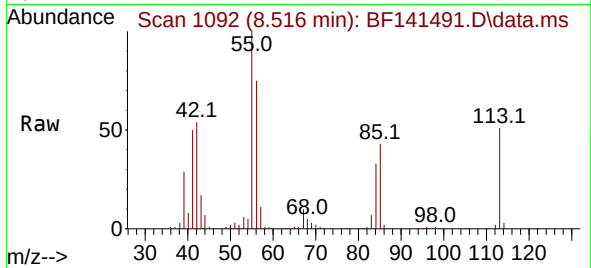
Tgt Ion:225 Resp: 170985
Ion Ratio Lower Upper
225 100
223 62.2 50.1 75.1
227 64.1 51.0 76.6





#35
Caprolactam
Concen: 47.405 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

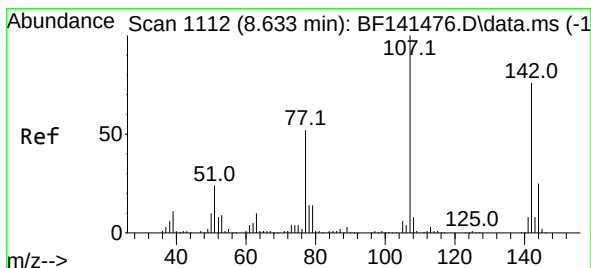
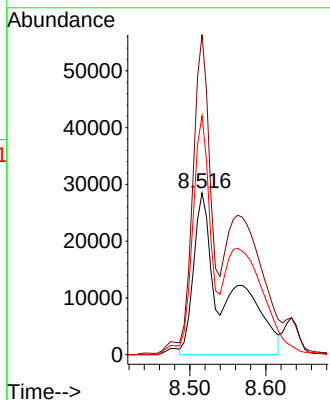
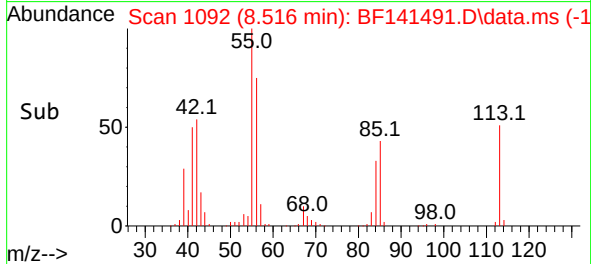
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:113 Resp: 8575
Ion Ratio Lower Upper
113 100
55 197.8 180.8 220.8
56 147.7 133.6 173.6

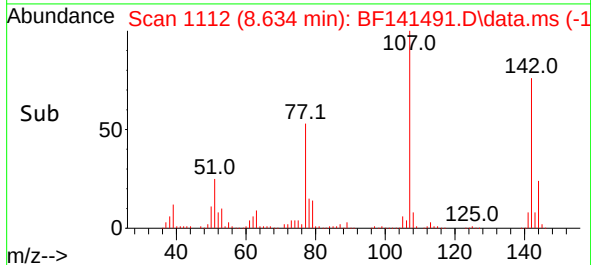
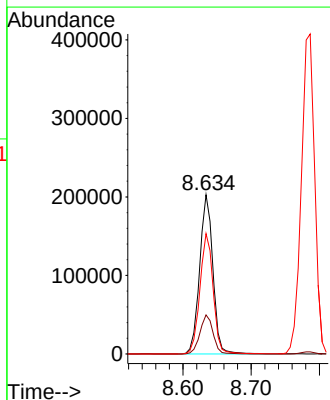
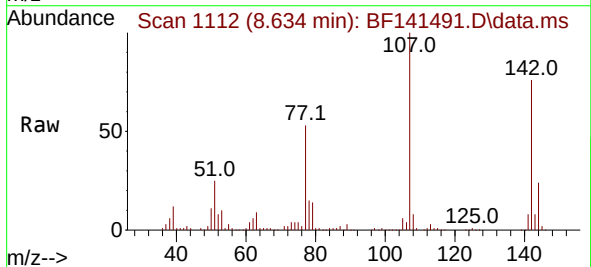
Manual Integrations
APPROVED

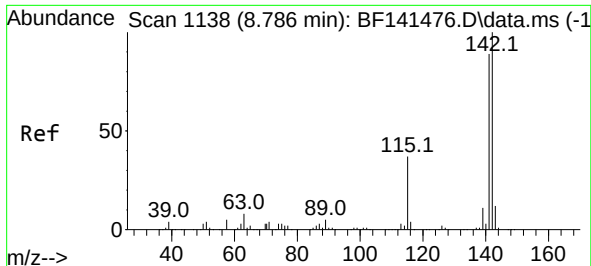
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
4-Chloro-3-methylphenol
Concen: 41.699 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

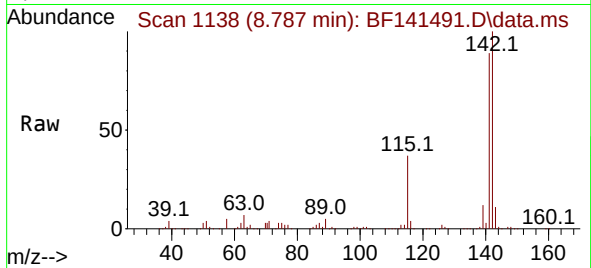
Tgt Ion:107 Resp: 274439
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.6 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.471 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

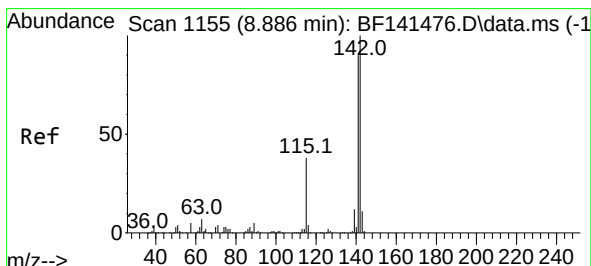
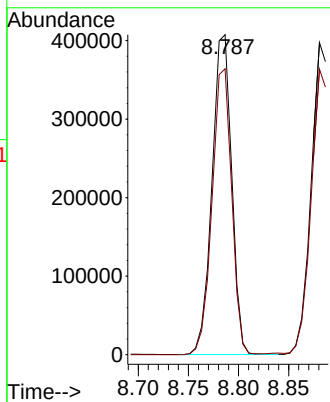
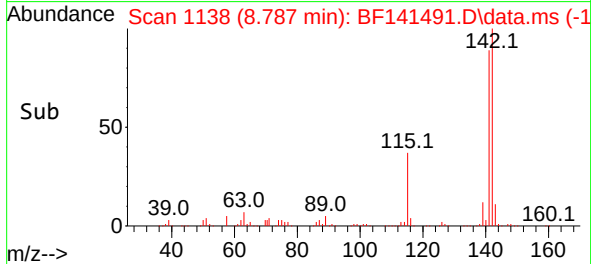
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:142 Resp: 55478
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8

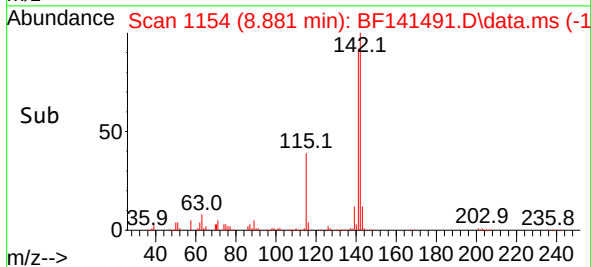
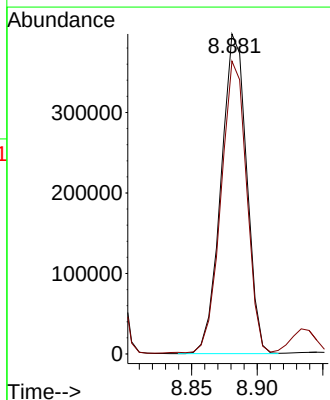
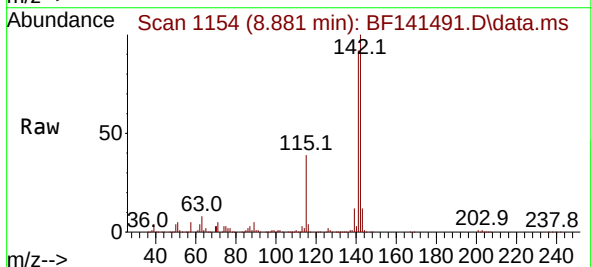
Manual Integrations
APPROVED

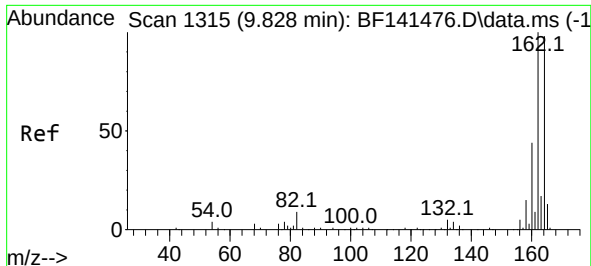
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 40.693 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

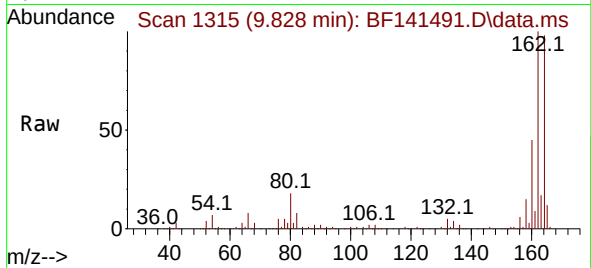
Tgt Ion:142 Resp: 540272
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

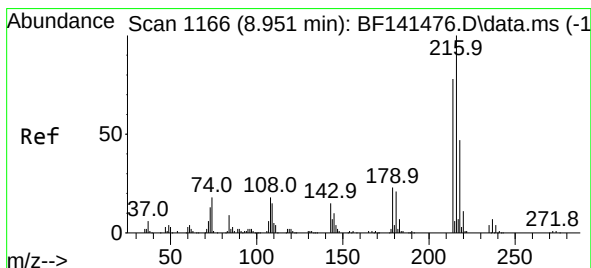
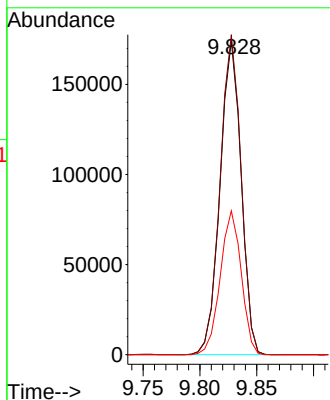
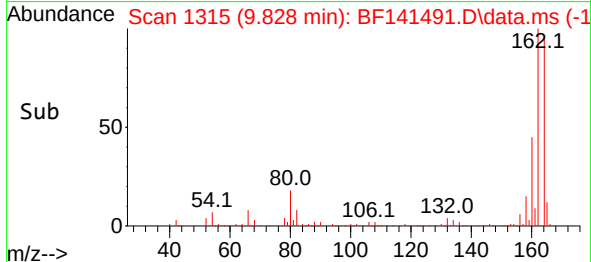
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:164 Resp: 224270
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.8 35.9 53.9

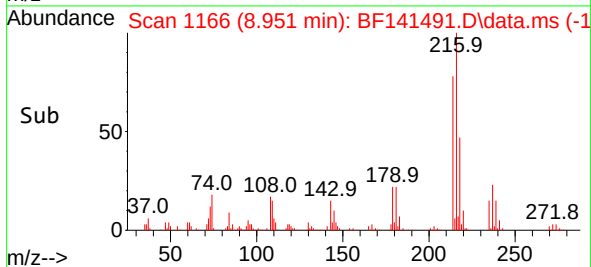
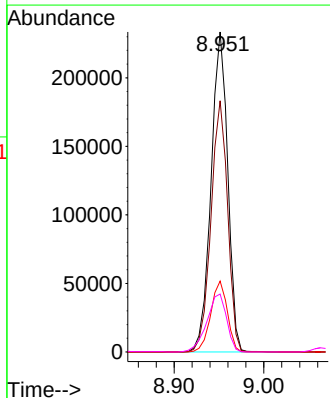
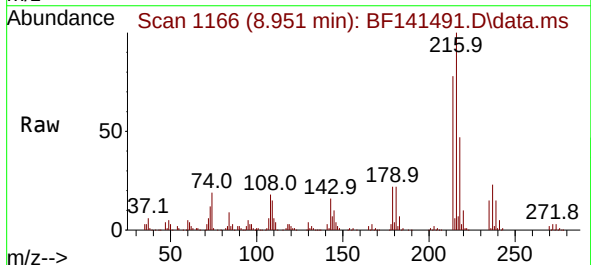
Manual Integrations
APPROVED

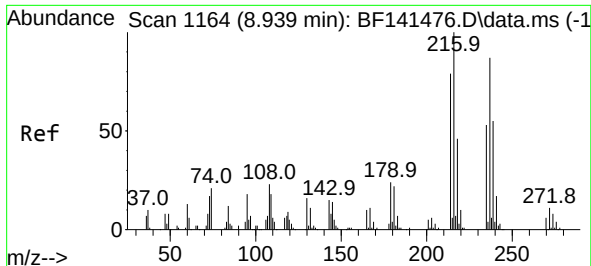
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.383 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

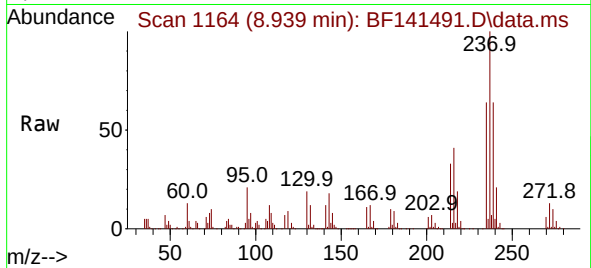
Tgt Ion:216 Resp: 300954
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 22.0 18.0 27.0
108 21.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 153.503 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

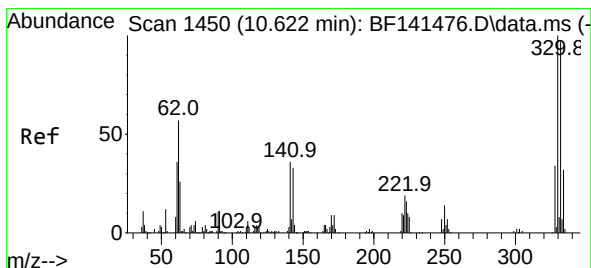
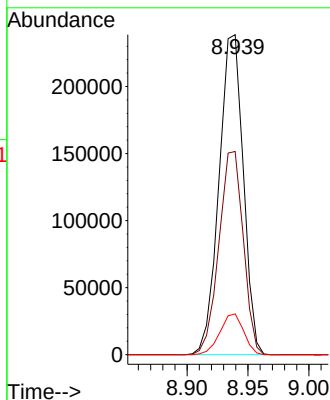
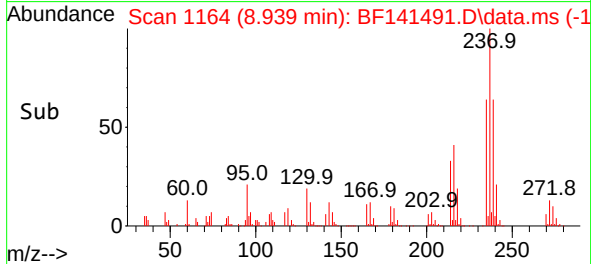
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



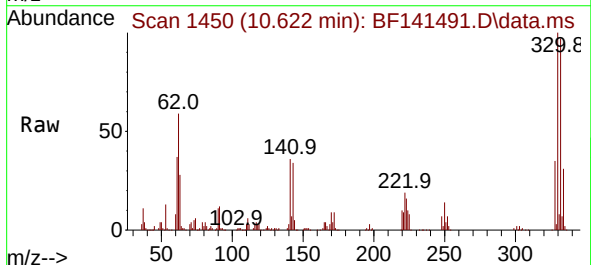
Tgt Ion:237 Resp: 33127
Ion Ratio Lower Upper
237 100
235 63.5 41.4 81.4
272 12.8 0.0 32.4

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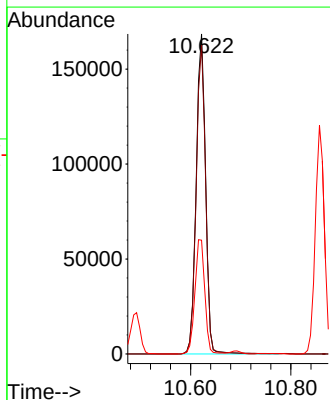
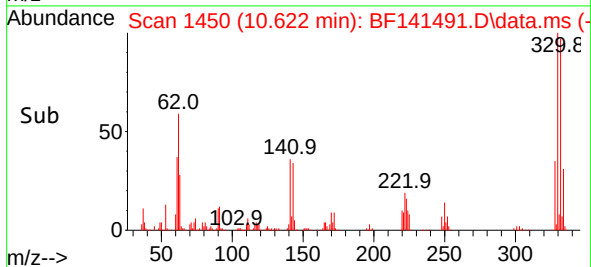
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

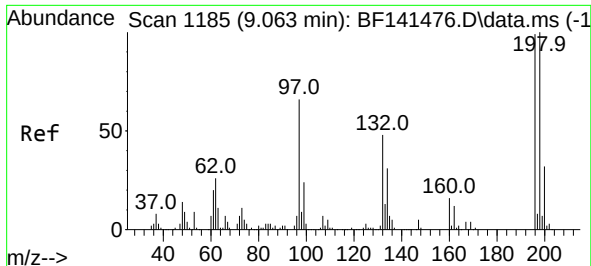


#42
2,4,6-Tribromophenol
Concen: 97.293 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion:330 Resp: 219190
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 37.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.818 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:196 Resp: 17955

Ion Ratio Lower Upper

196 100

198 102.2 80.6 121.0

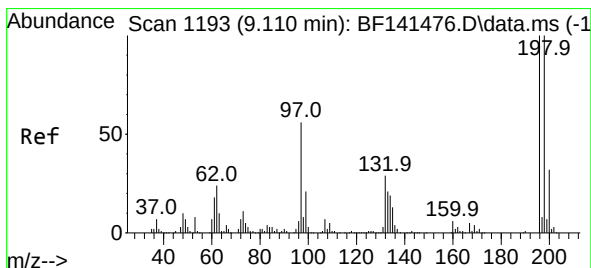
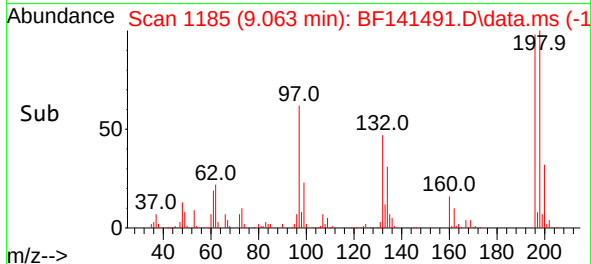
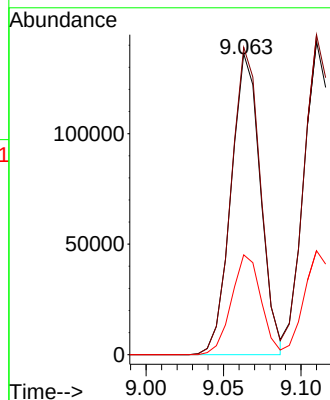
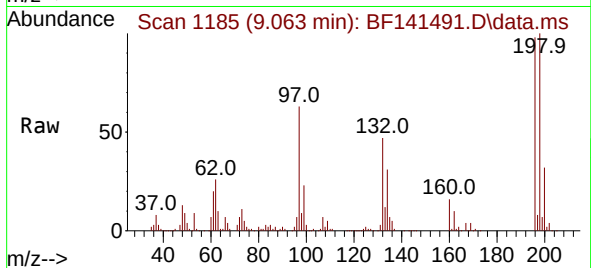
200 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#44

2,4,5-Trichlorophenol

Concen: 41.618 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Tgt Ion:196 Resp: 189148

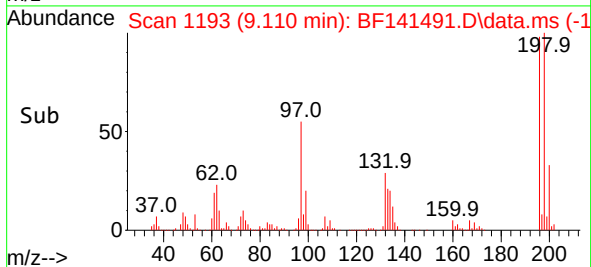
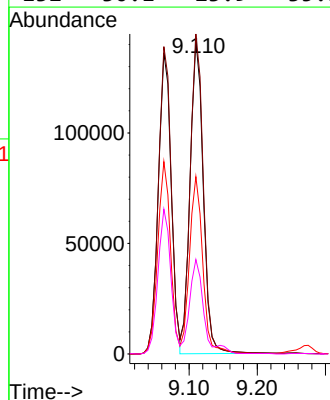
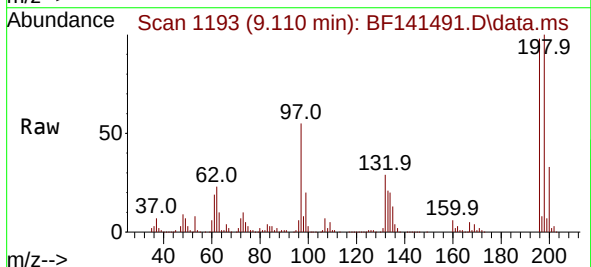
Ion Ratio Lower Upper

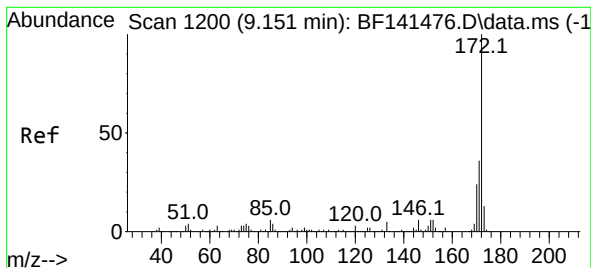
196 100

198 102.1 79.8 119.8

97 56.5 44.8 67.2

132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 64.641 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

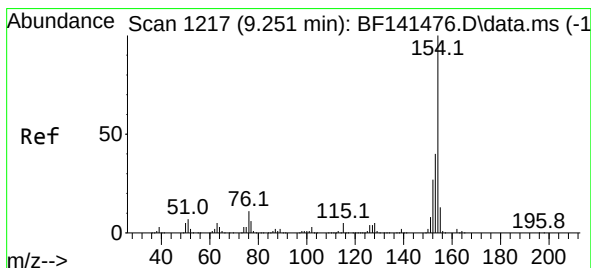
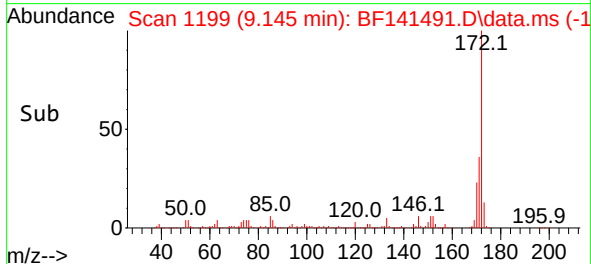
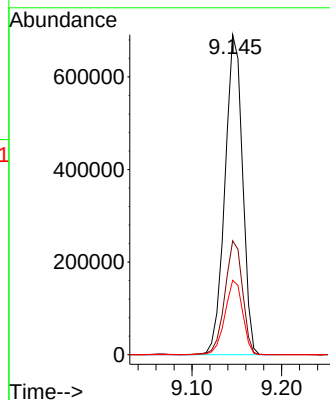
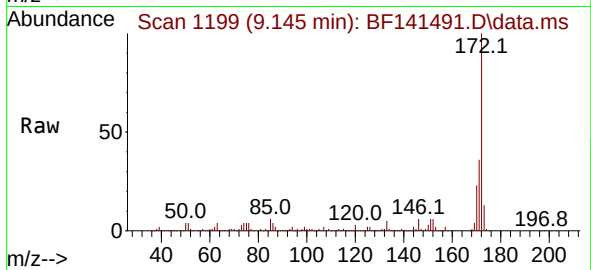
Tgt Ion:172 Resp: 94097

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

Manual Integrations

APPROVED

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



#46

1,1'-Biphenyl

Concen: 46.196 ng

RT: 9.251 min Scan# 1217

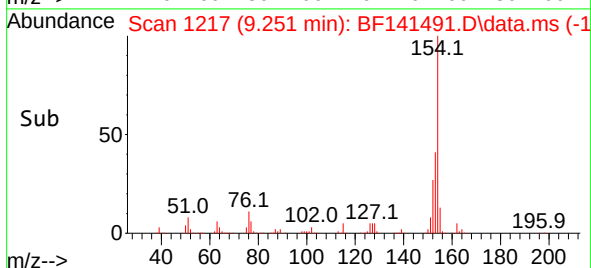
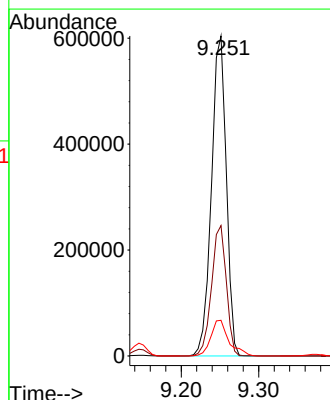
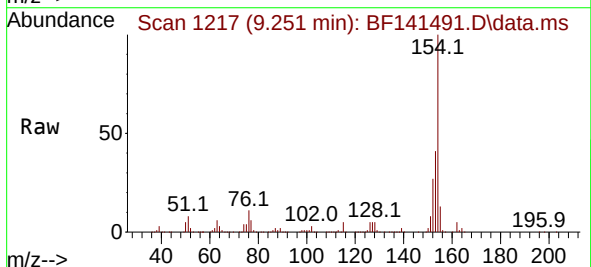
Delta R.T. -0.006 min

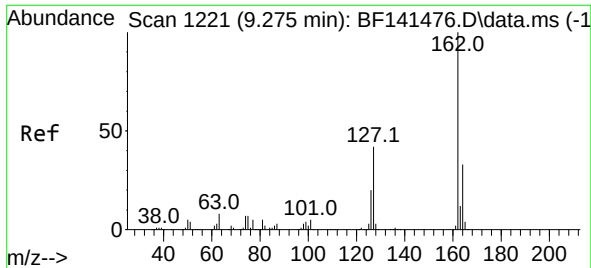
Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Tgt Ion:154 Resp: 803214

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	11.2	0.0	30.8





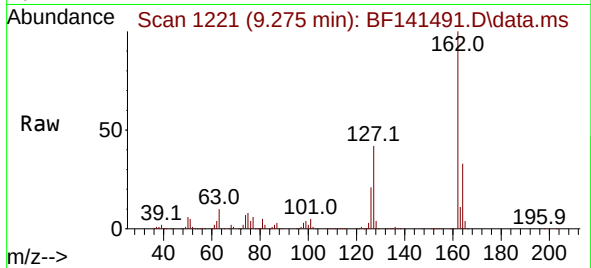
#47
2-Chloronaphthalene
Concen: 42.189 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

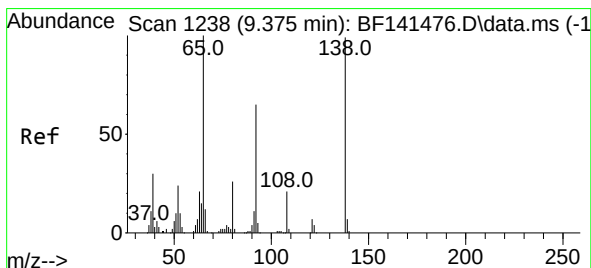
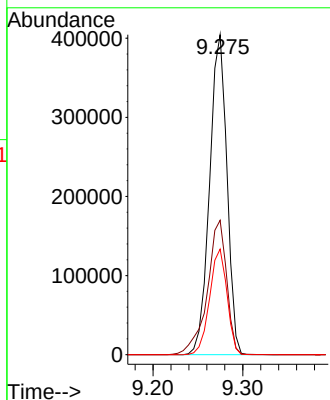
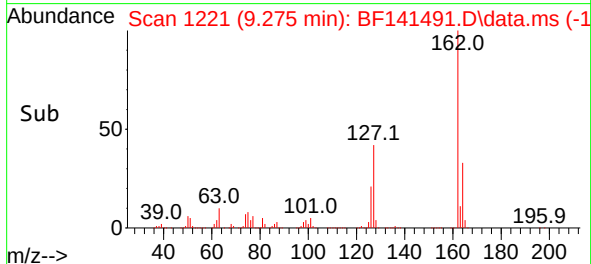


Tgt Ion:162 Resp: 54243
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 33.0 26.3 39.5

Manual Integrations

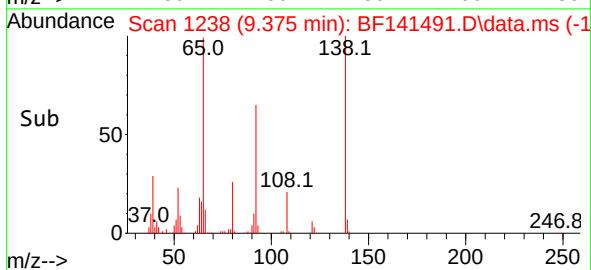
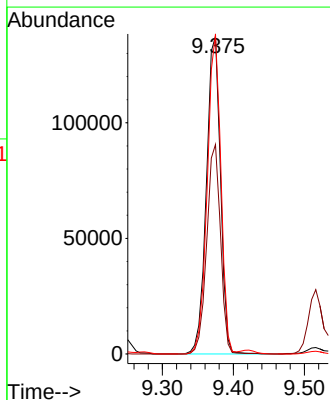
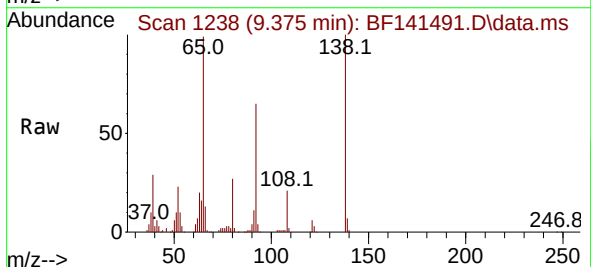
APPROVED

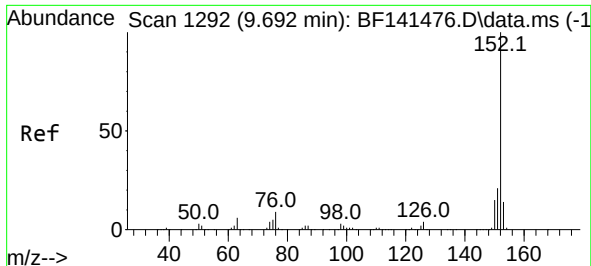
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#48
2-Nitroaniline
Concen: 43.815 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

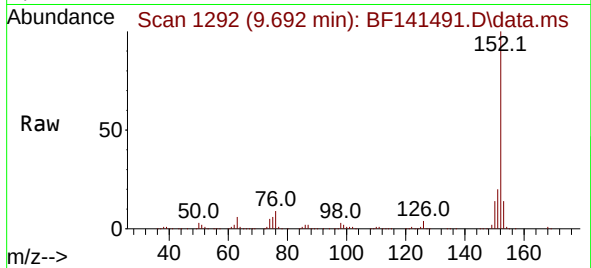
Tgt Ion: 65 Resp: 189058
Ion Ratio Lower Upper
65 100
92 66.0 52.2 78.2
138 100.7 79.5 119.3





#49
Acenaphthylene
Concen: 44.067 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

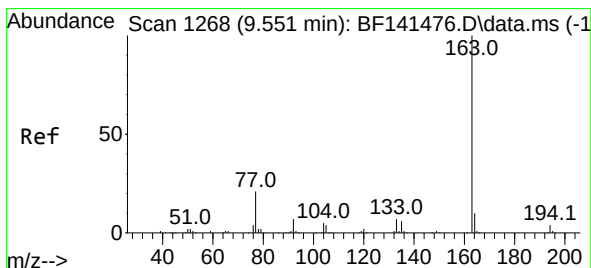
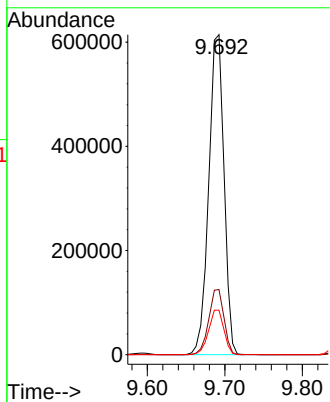
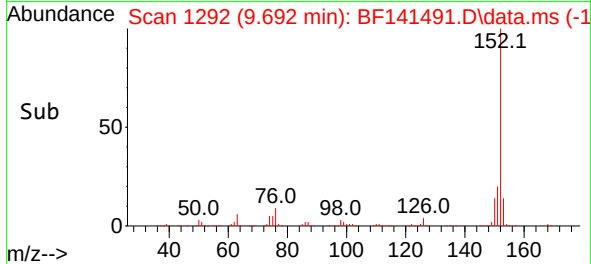
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



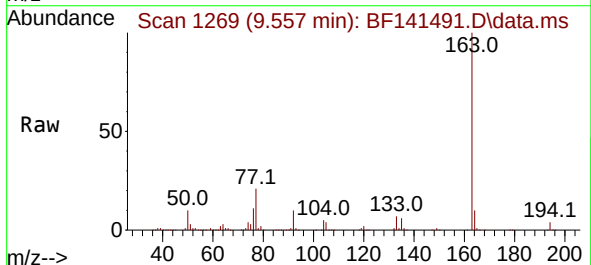
Tgt Ion:152 Resp: 842733
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.9 10.9 16.3

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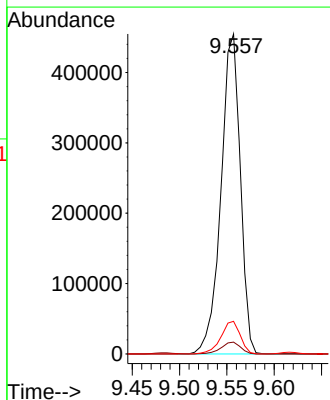
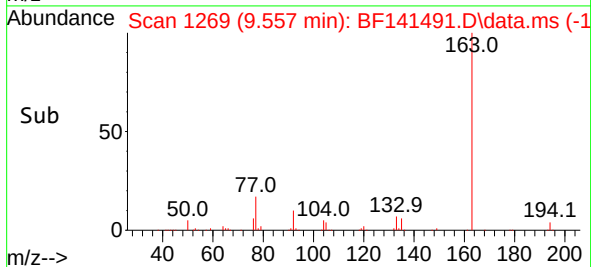
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

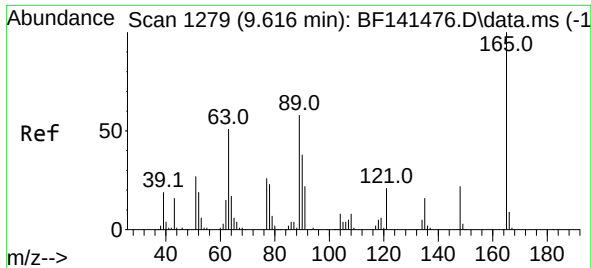


#50
Dimethylphthalate
Concen: 42.346 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



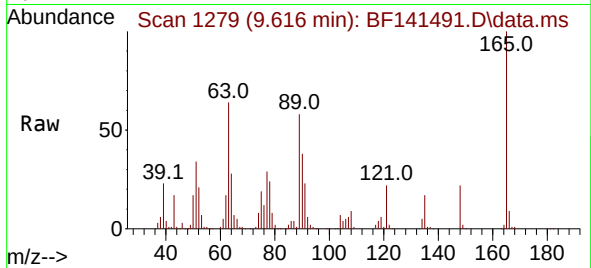
Tgt Ion:163 Resp: 644727
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.907 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

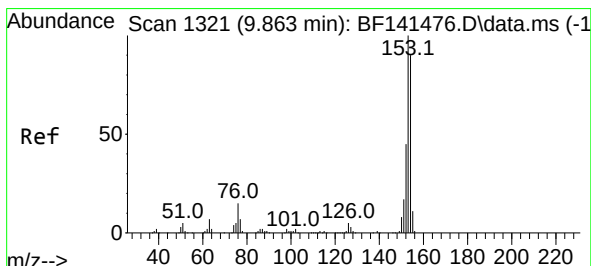
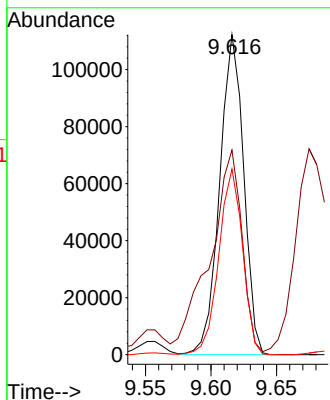
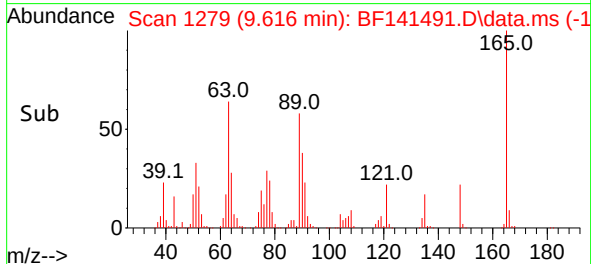
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



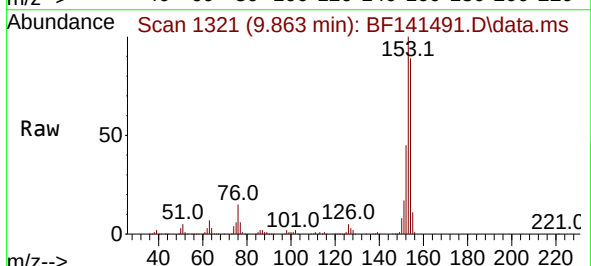
Tgt Ion:165 Resp: 142809
Ion Ratio Lower Upper
165 100
63 64.0 49.4 74.0
89 58.0 46.5 69.7

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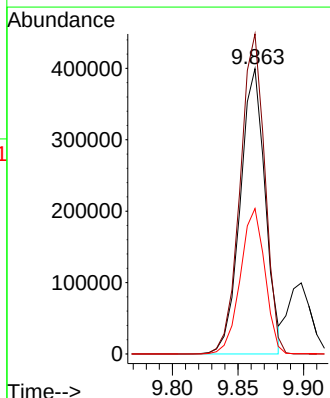
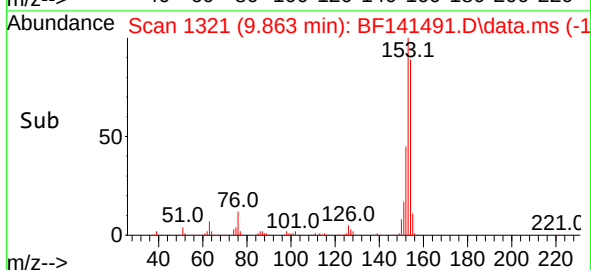
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

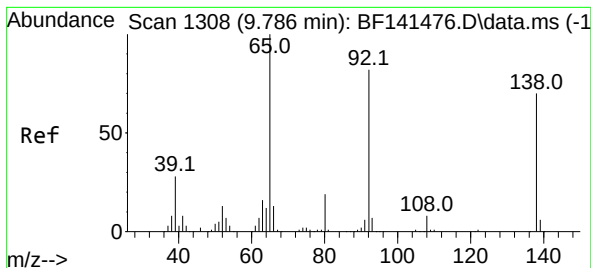


#52
Acenaphthene
Concen: 41.159 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



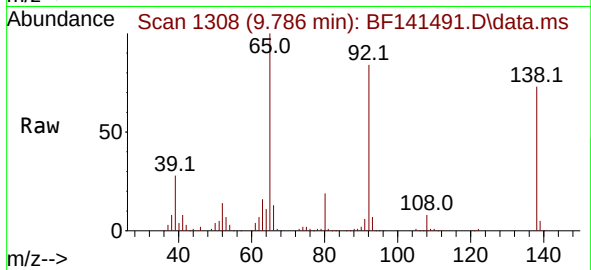
Tgt Ion:154 Resp: 529170
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 51.0 39.8 59.8





#53
3-Nitroaniline
Concen: 38.112 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

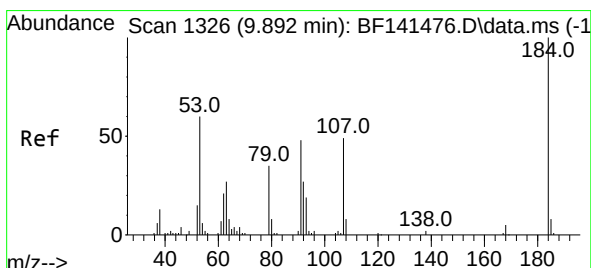
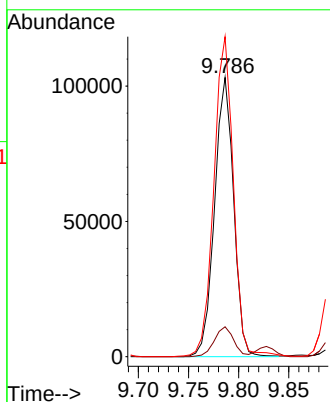
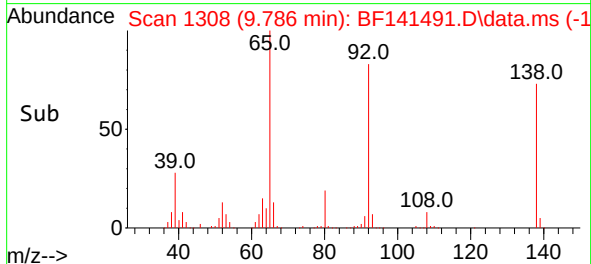
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:138 Resp: 13652
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 114.6 93.7 140.5

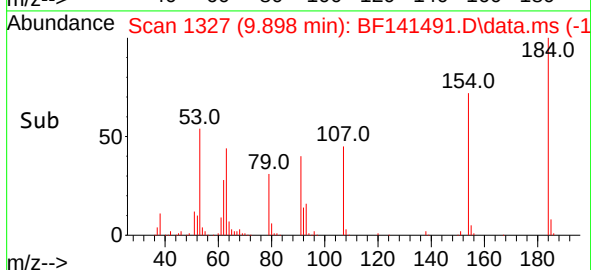
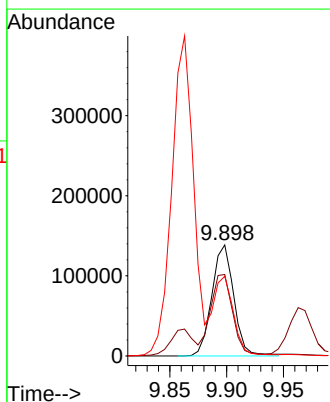
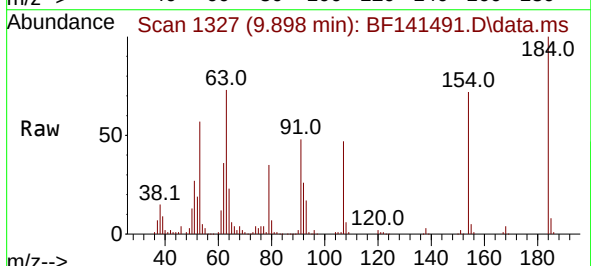
Manual Integrations
APPROVED

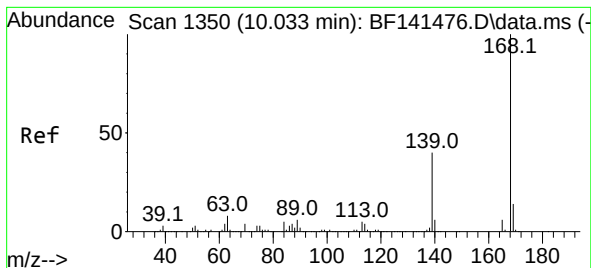
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 94.340 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

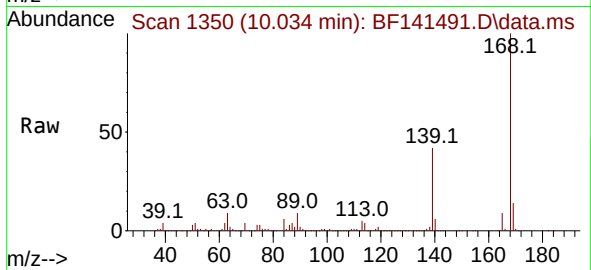
Tgt Ion:184 Resp: 186614
Ion Ratio Lower Upper
184 100
63 73.3 61.0 91.6
154 71.7 59.9 89.9





#55
Dibenzenofuran
Concen: 40.491 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

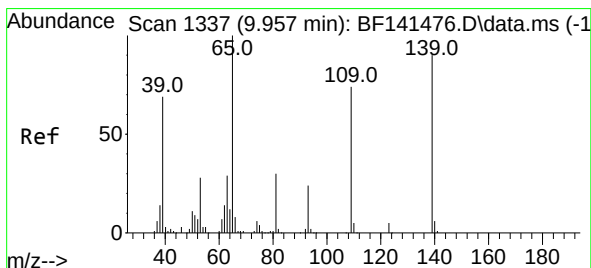
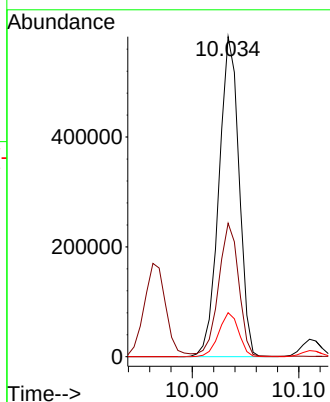
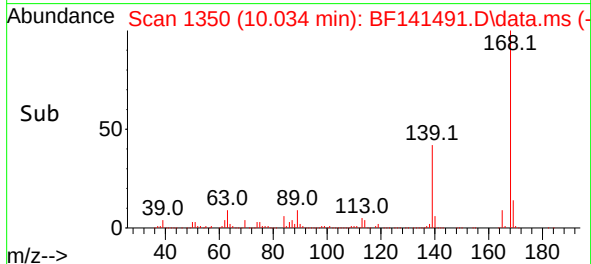
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:168 Resp: 764119
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 13.7 10.8 16.2

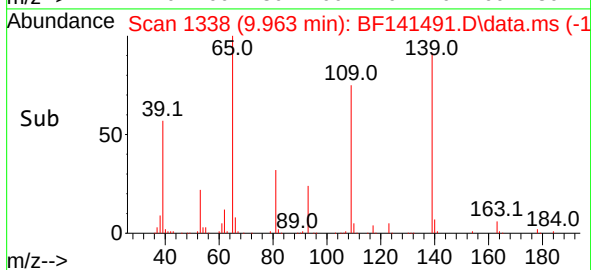
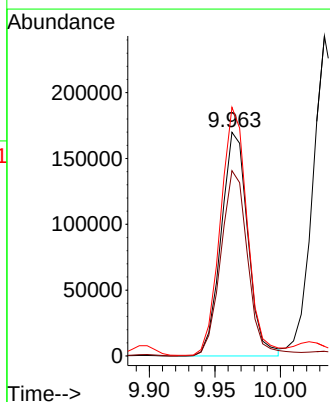
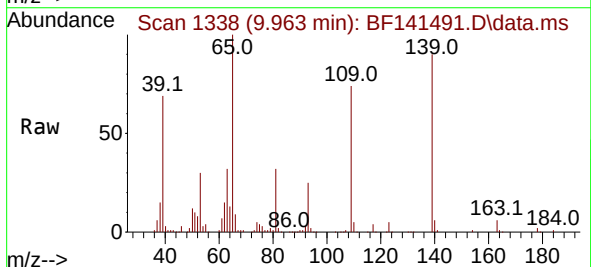
Manual Integrations
APPROVED

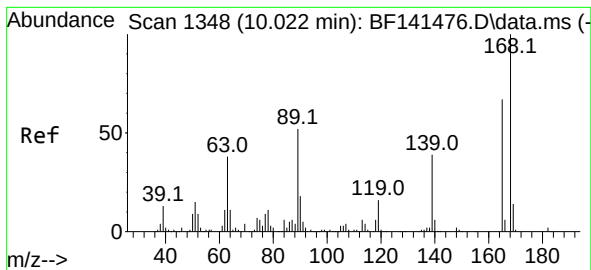
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#56
4-Nitrophenol
Concen: 90.328 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

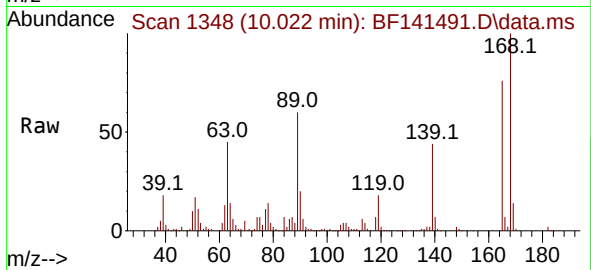
Tgt Ion:139 Resp: 240203
Ion Ratio Lower Upper
139 100
109 82.9 62.0 102.0
65 111.2 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 43.642 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

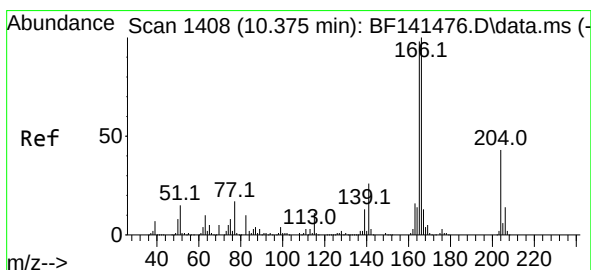
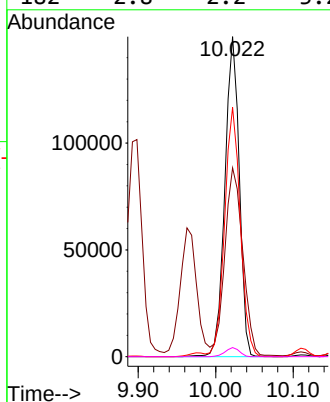
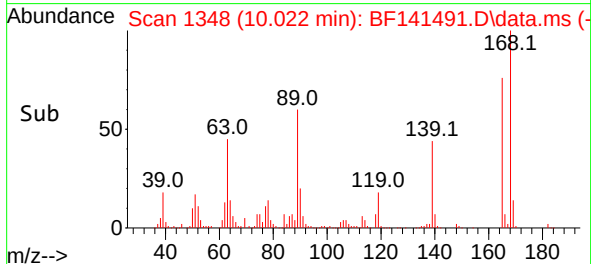
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



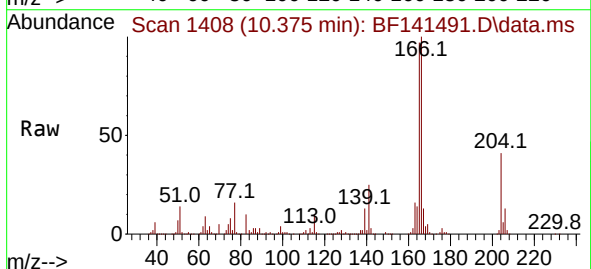
Tgt Ion:165 Resp: 193370
Ion Ratio Lower Upper
165 100
63 59.0 46.4 69.6
89 77.9 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations
APPROVED

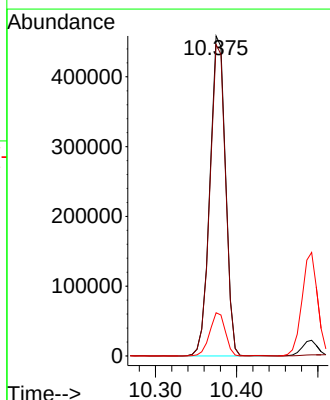
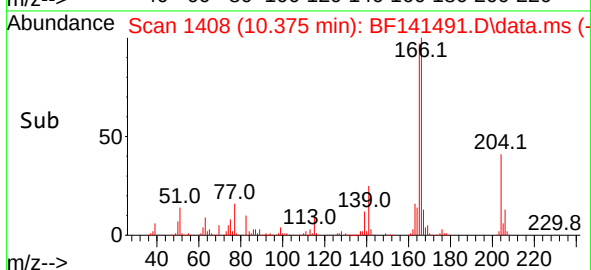
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

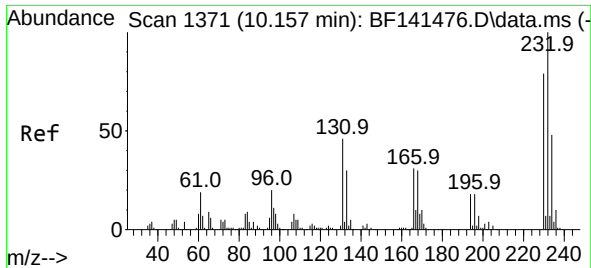


#58
Fluorene
Concen: 41.895 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



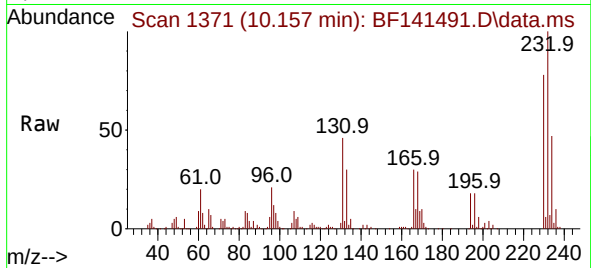
Tgt Ion:166 Resp: 611309
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.883 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

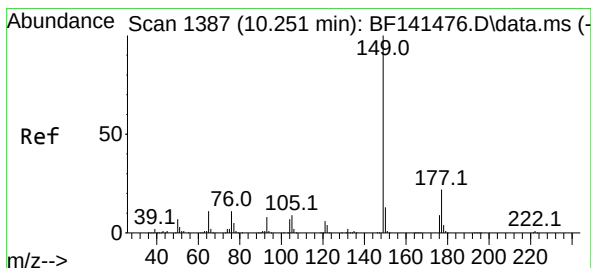
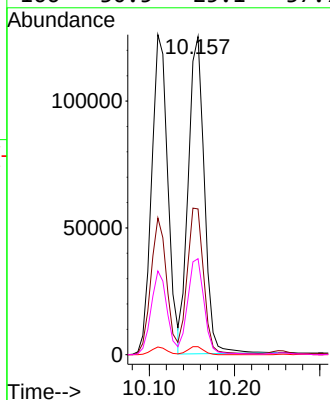
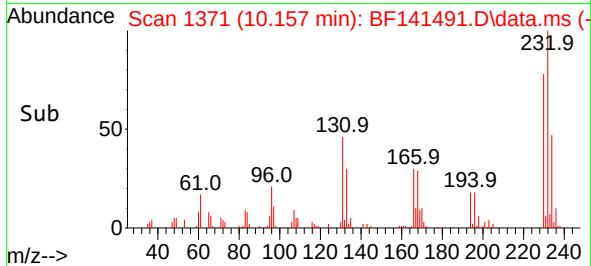
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:232 Resp: 16388
Ion Ratio Lower Upper
232 100
131 46.9 39.2 58.8
130 2.5 2.1 3.1
166 30.5 25.1 37.7

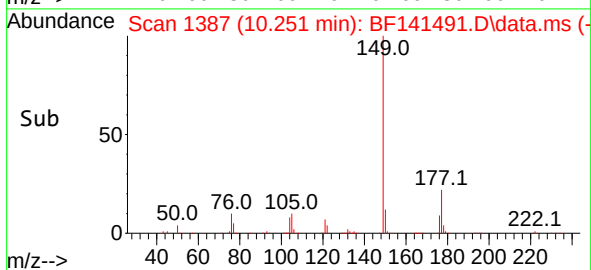
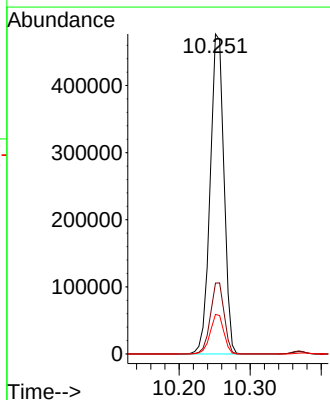
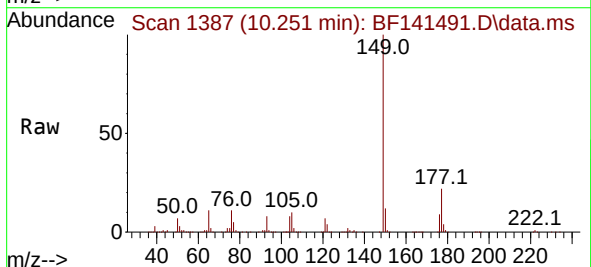
Manual Integrations
APPROVED

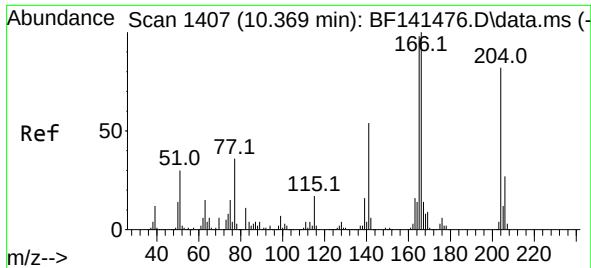
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#60
Diethylphthalate
Concen: 42.845 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

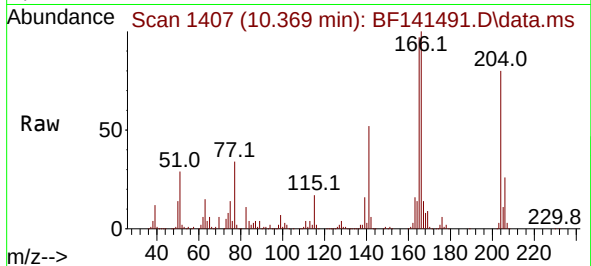
Tgt Ion:149 Resp: 641802
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.958 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

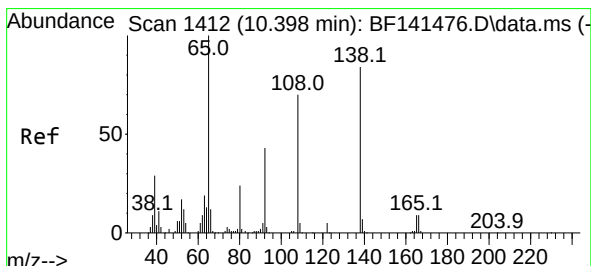
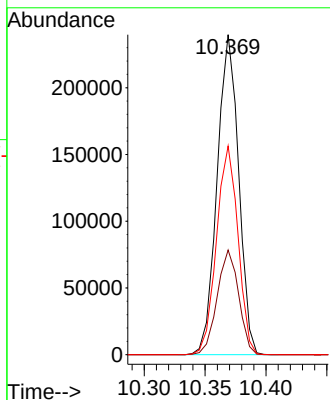
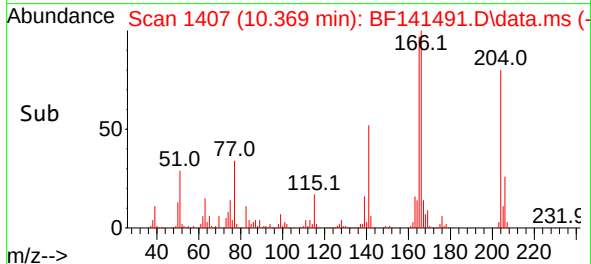
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



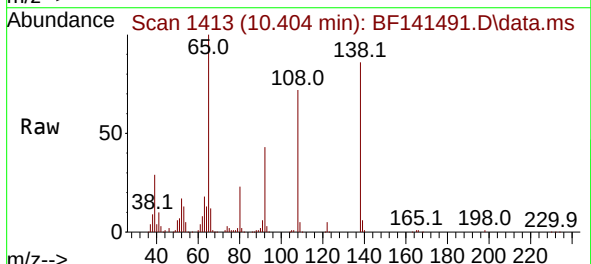
Tgt Ion:204 Resp: 29453
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.2 51.9 77.9

Manual Integrations
APPROVED

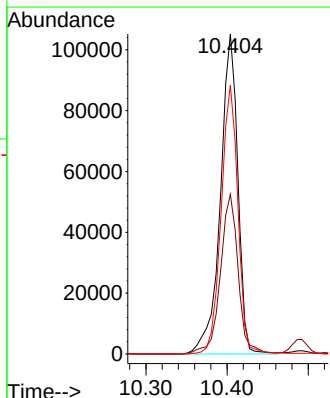
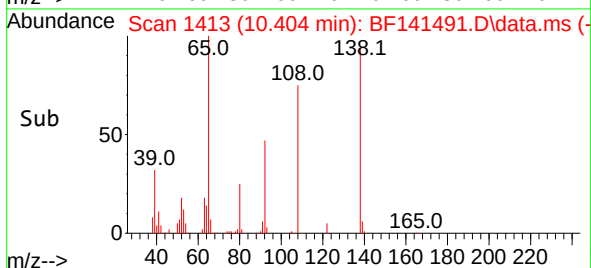
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

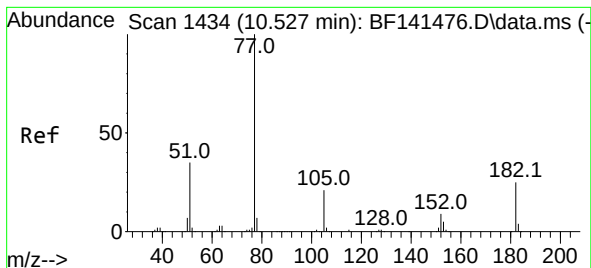


#62
4-Nitroaniline
Concen: 43.369 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



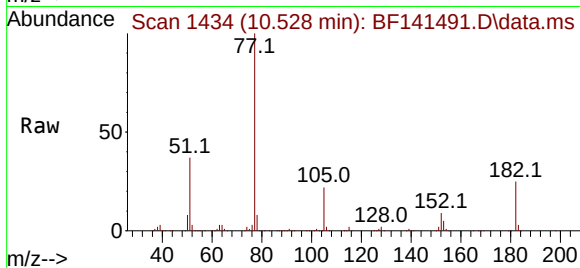
Tgt Ion:138 Resp: 157755
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 84.0 63.7 103.7





#63
Azobenzene
Concen: 44.921 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

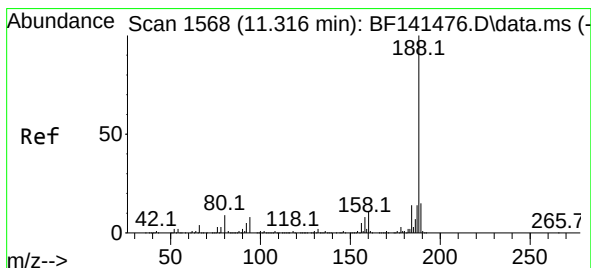
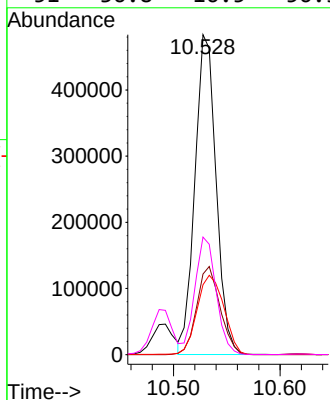
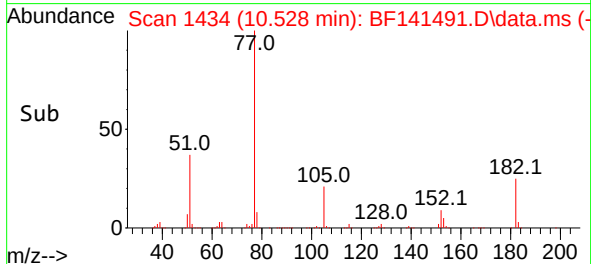
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



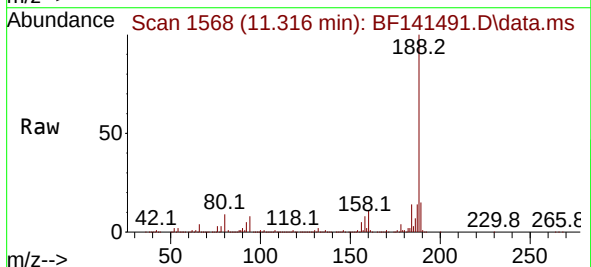
Tgt Ion: 77 Resp: 66895
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 21.8 0.4 40.4
51 36.8 16.5 56.5

Manual Integrations
APPROVED

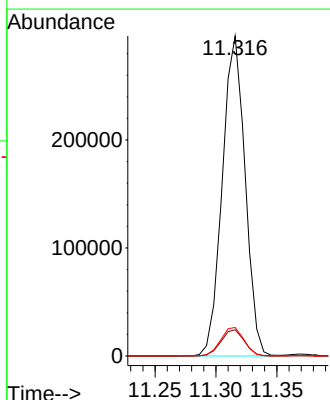
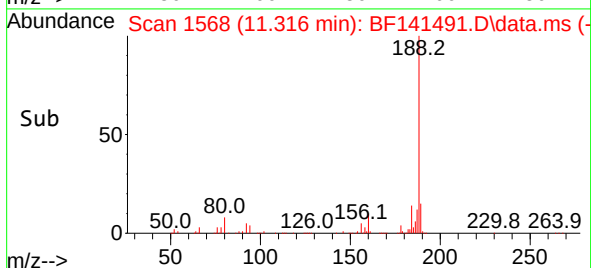
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

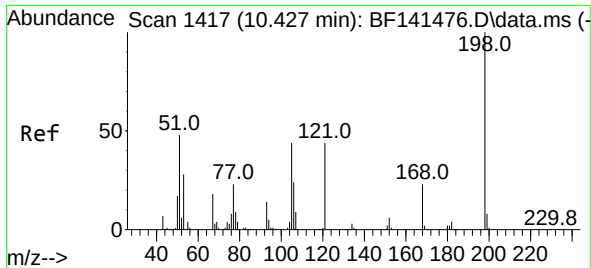


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



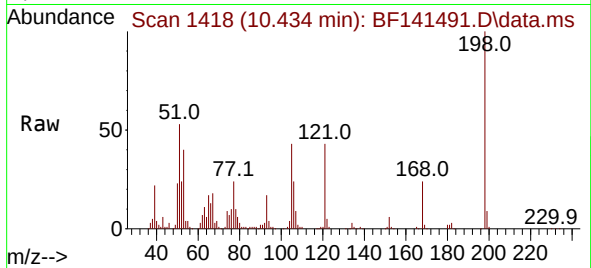
Tgt Ion:188 Resp: 386018
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.9 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.662 ng
RT: 10.434 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

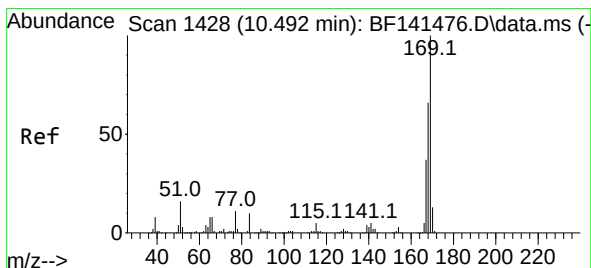
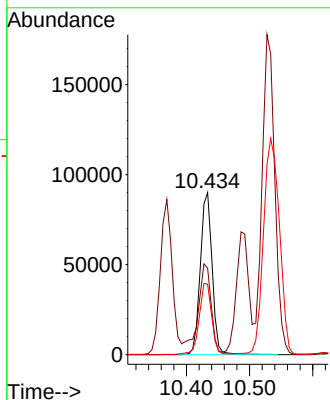
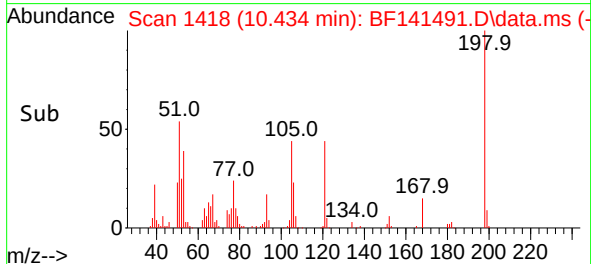
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:198 Resp: 117080
Ion Ratio Lower Upper
198 100
51 53.3 37.4 77.4
105 43.5 25.2 65.2

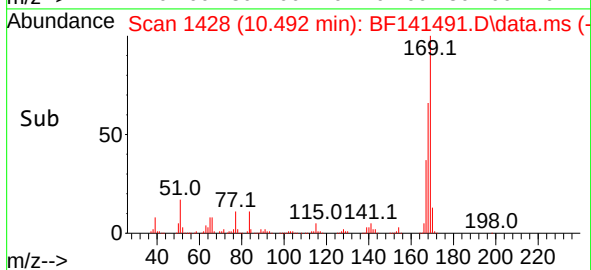
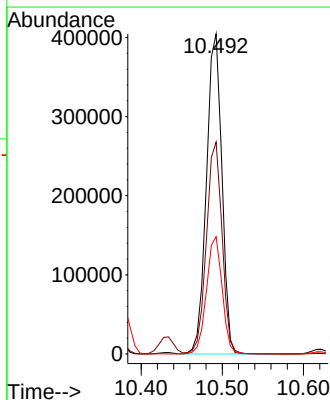
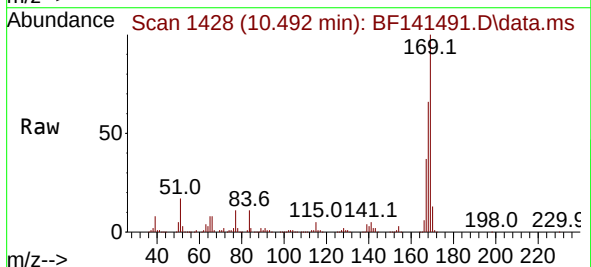
Manual Integrations
APPROVED

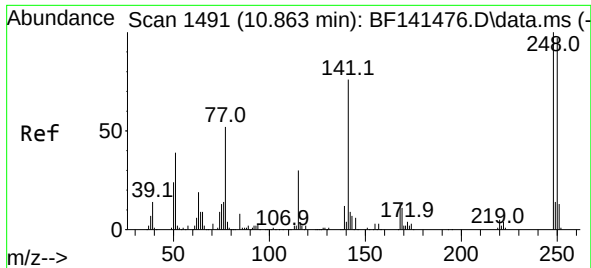
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 43.126 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

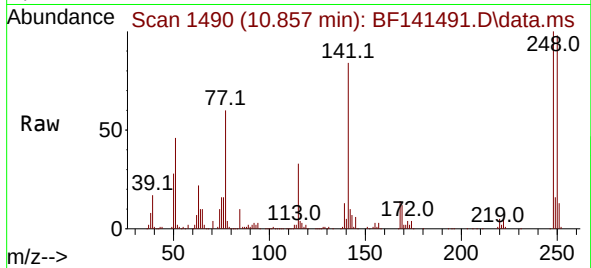
Tgt Ion:169 Resp: 532896
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.7 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 42.257 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

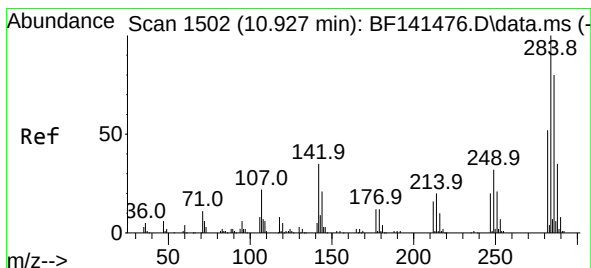
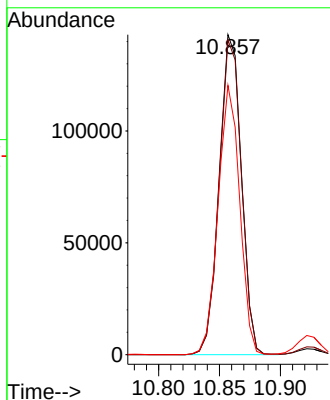
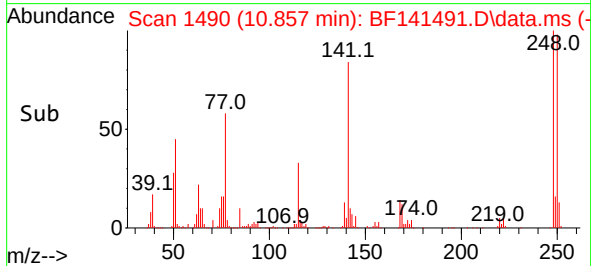
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



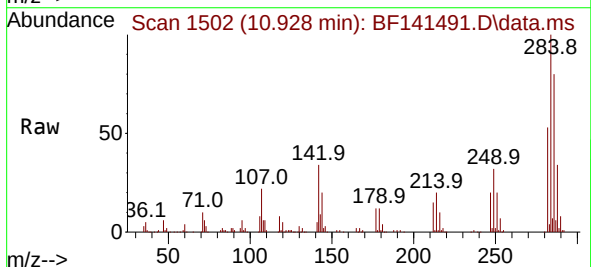
Tgt Ion:248 Resp: 182308
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 84.2 60.6 90.8

Manual Integrations
APPROVED

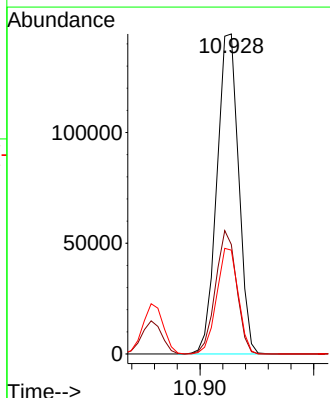
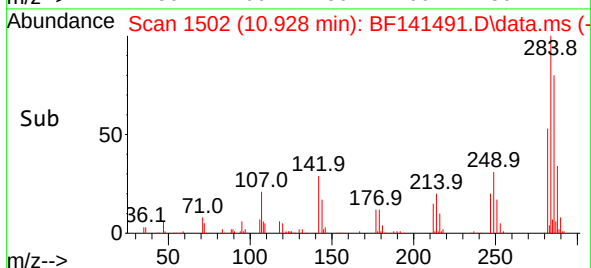
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

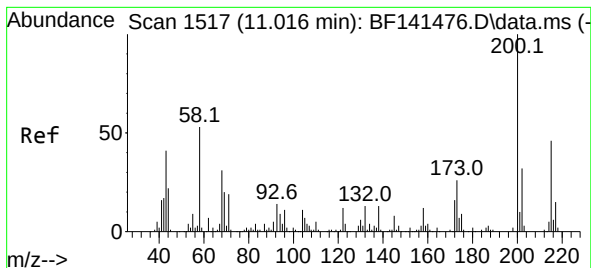


#68
Hexachlorobenzene
Concen: 43.277 ng
RT: 10.928 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion:284 Resp: 192257
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 32.4 25.8 38.8





#69

Atrazine

Concen: 54.667 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:200 Resp: 20265

Ion Ratio Lower Upper

200 100

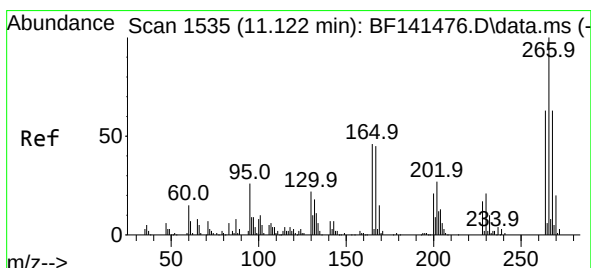
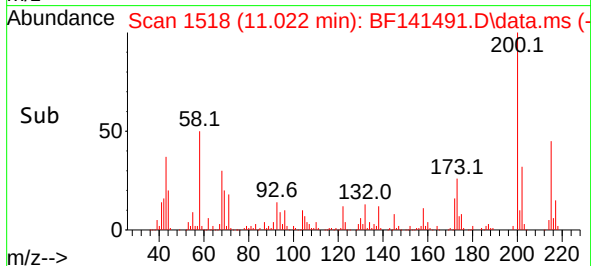
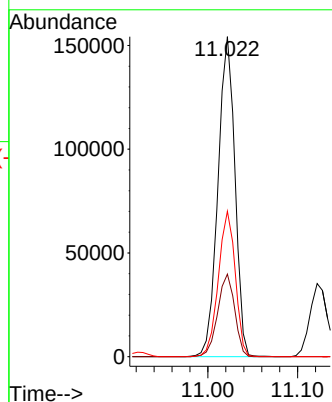
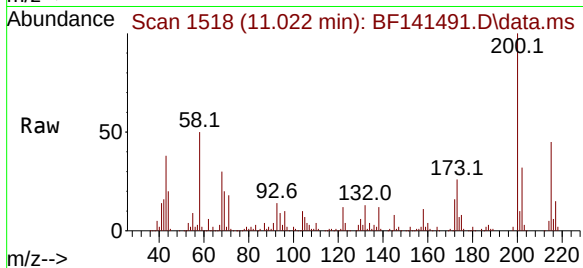
173 25.8 5.9 45.9

215 45.5 25.9 65.9

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 87.302 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

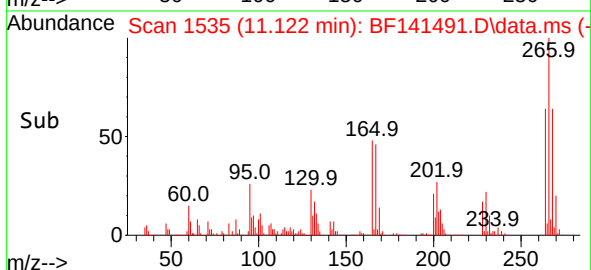
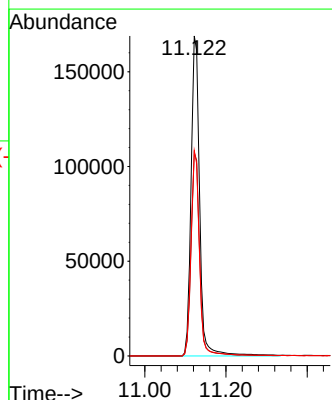
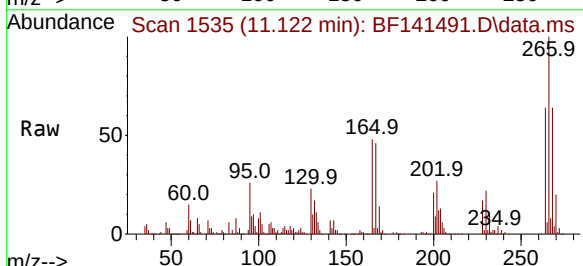
Tgt Ion:266 Resp: 247993

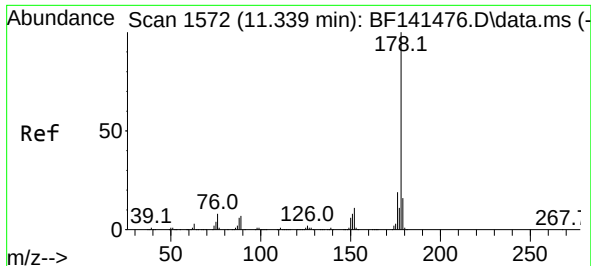
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

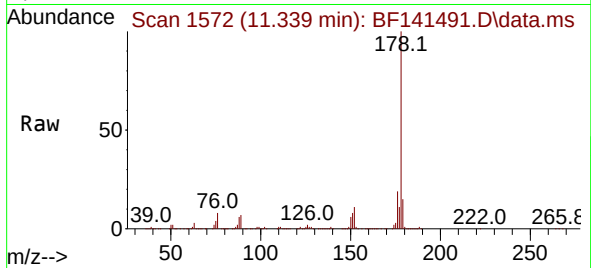
264 64.1 50.1 75.1





#71
Phenanthrene
Concen: 43.001 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

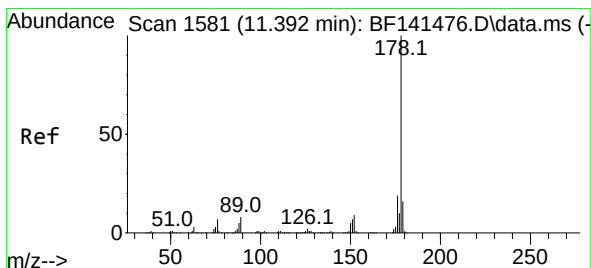
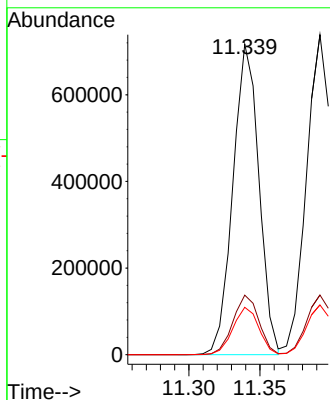
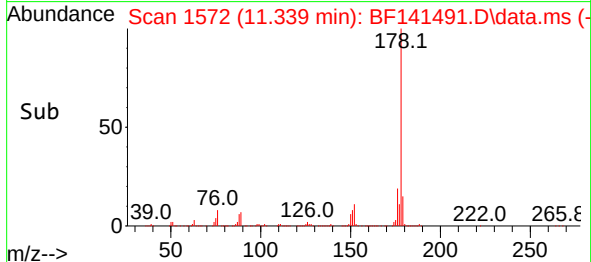
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:178 Resp: 91371
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6

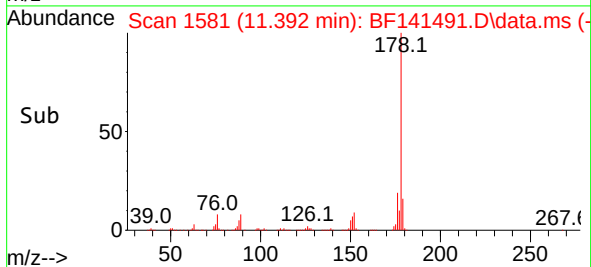
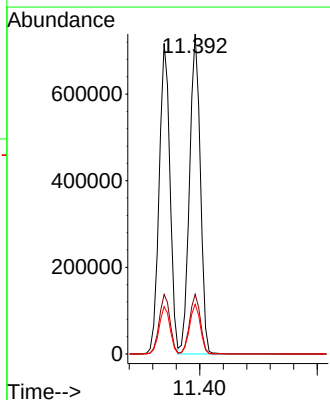
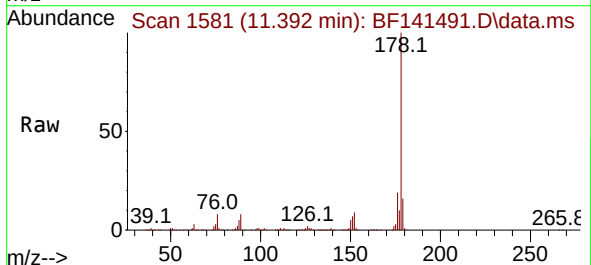
Manual Integrations
APPROVED

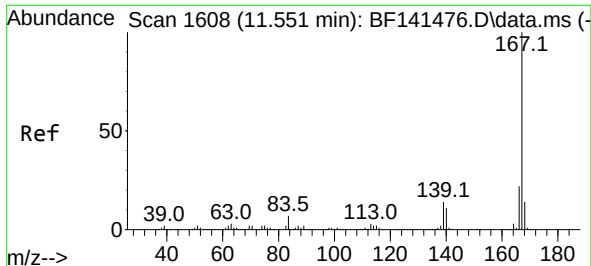
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 43.869 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

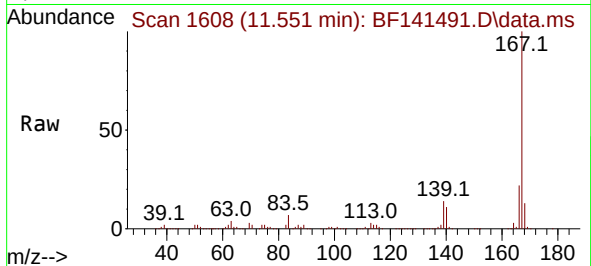
Tgt Ion:178 Resp: 937034
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 41.808 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF141491.D
 Acq: 06 Feb 2025 20:11

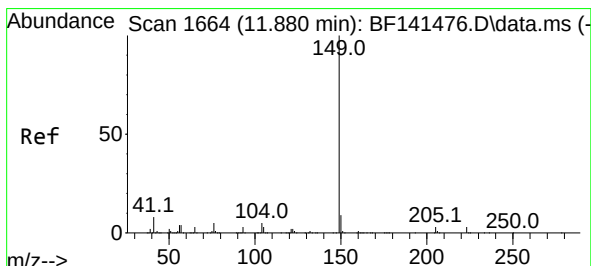
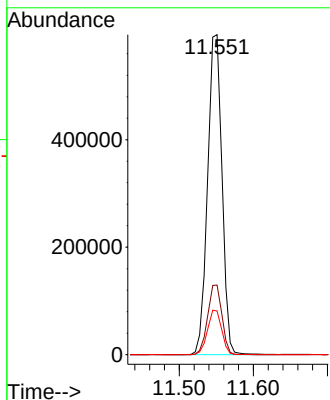
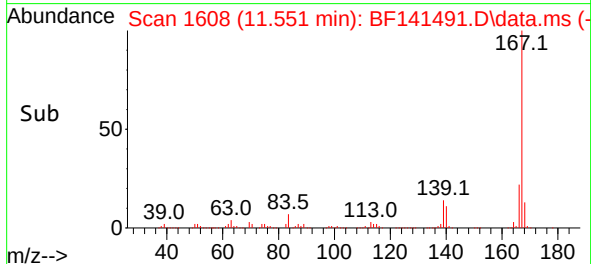
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD



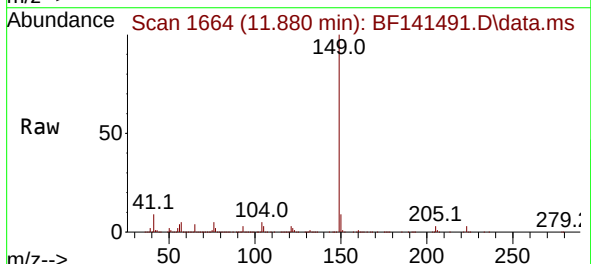
Tgt Ion:167 Resp: 803520
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.6 10.9 16.3

Manual Integrations
 APPROVED

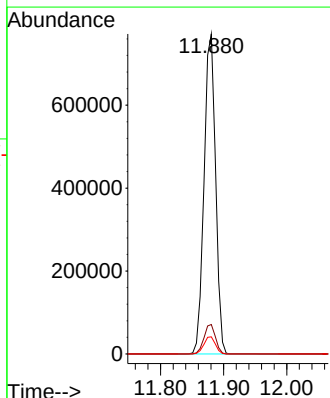
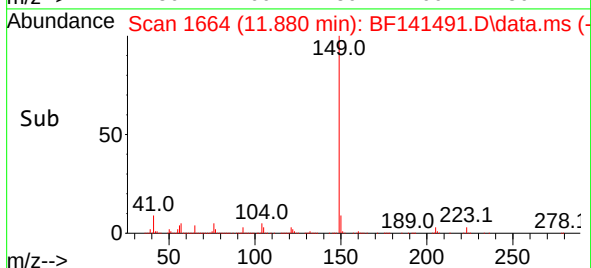
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

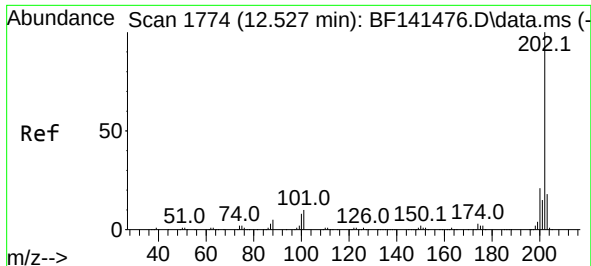


#74
 Di-n-butylphthalate
 Concen: 44.130 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF141491.D
 Acq: 06 Feb 2025 20:11



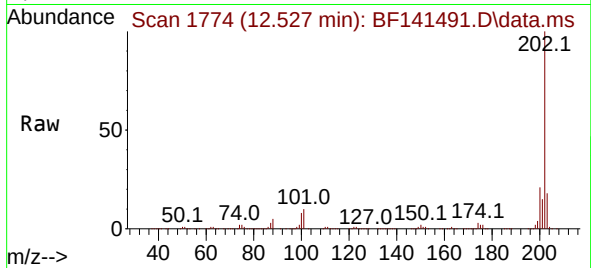
Tgt Ion:149 Resp: 979333
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 41.123 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

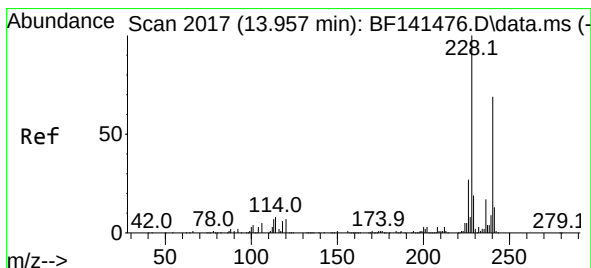
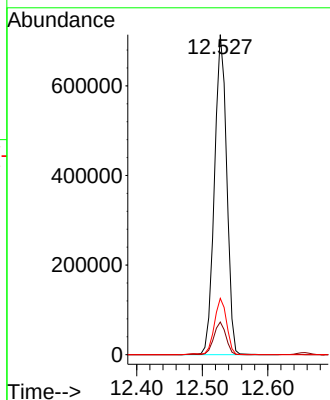
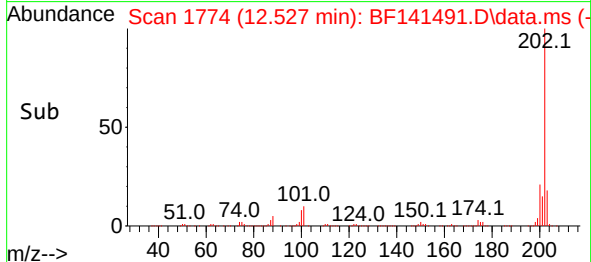
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



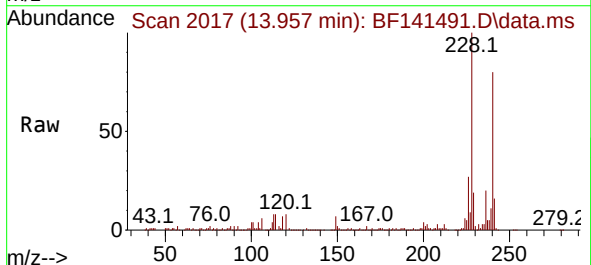
Tgt Ion:202 Resp: 926390
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.6 0.0 37.6

Manual Integrations
APPROVED

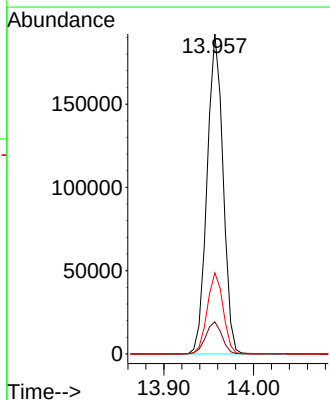
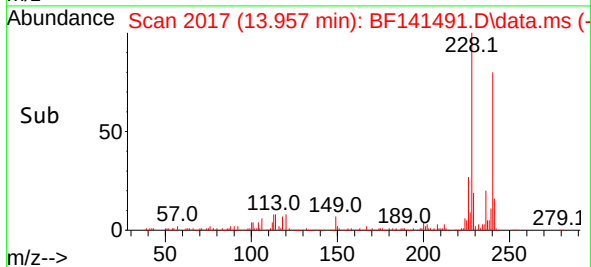
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

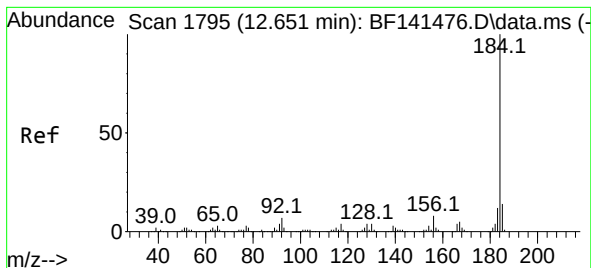


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion:240 Resp: 237305
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 150.252 ng

RT: 12.657 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

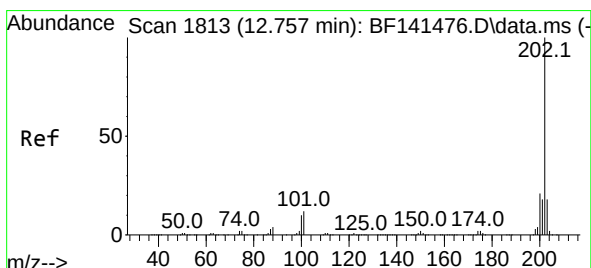
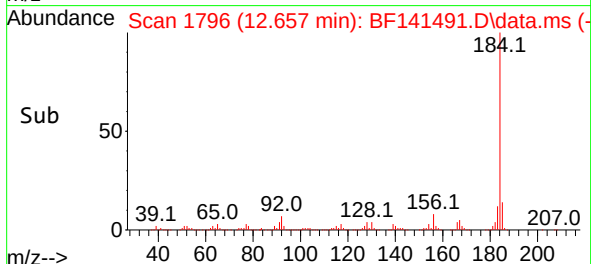
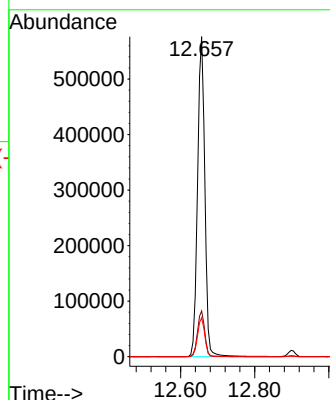
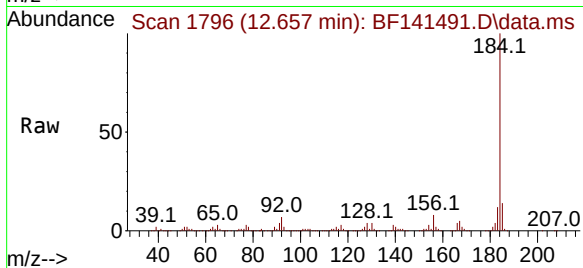
WC-5MSD

Tgt Ion:184 Resp: 786359
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.3 16.9
 183 12.2 9.3 13.9

Manual Integrations

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



#78

Pyrene

Concen: 46.319 ng

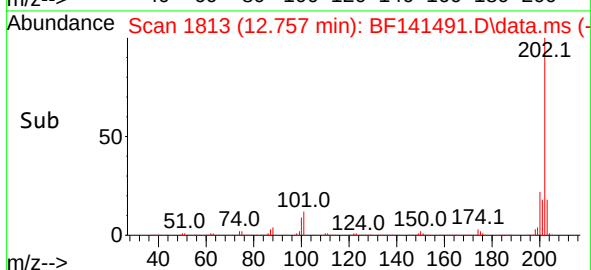
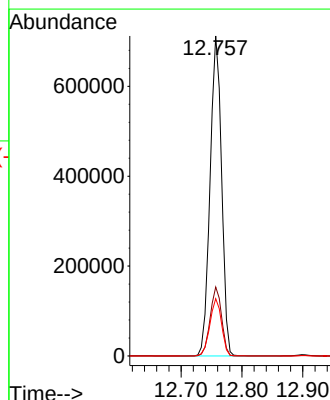
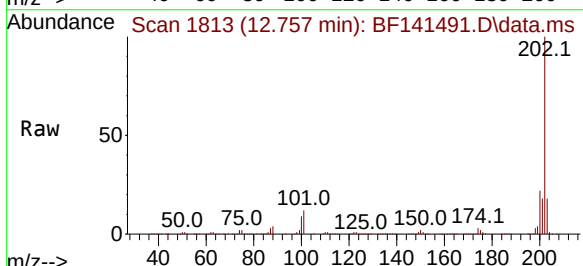
RT: 12.757 min Scan# 1813

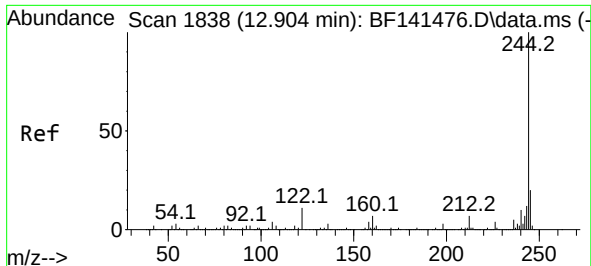
Delta R.T. -0.006 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

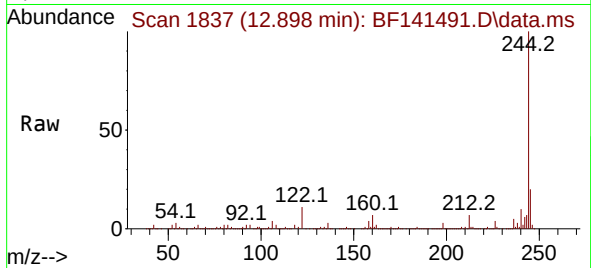
Tgt Ion:202 Resp: 935686
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.0 25.4
 203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 73.062 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141491.D
 Acq: 06 Feb 2025 20:11

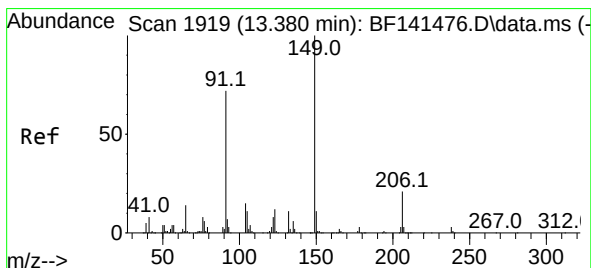
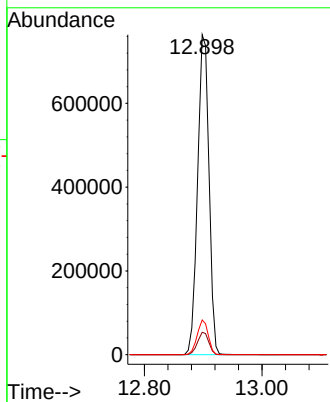
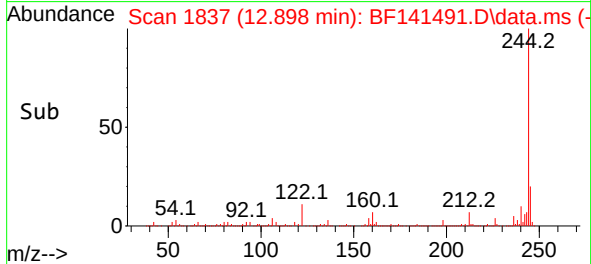
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD



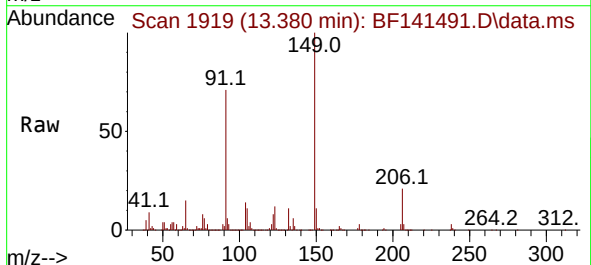
Tgt Ion:244 Resp: 102703
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 8.4 12.6

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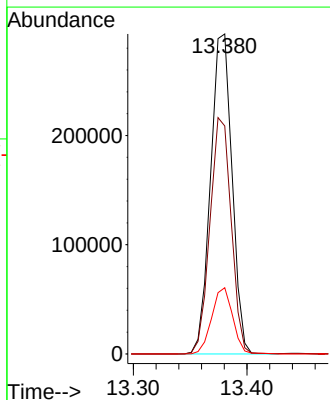
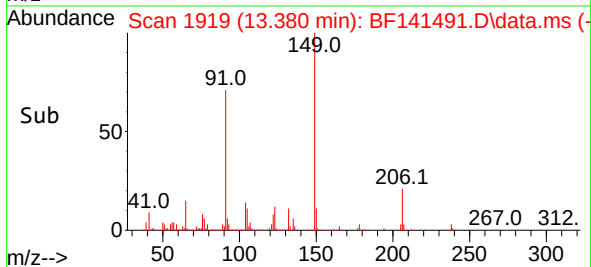
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

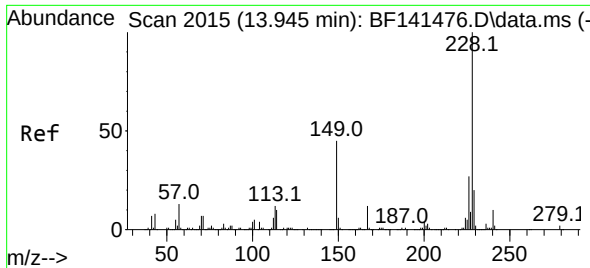


#80
 Butylbenzylphthalate
 Concen: 55.013 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141491.D
 Acq: 06 Feb 2025 20:11



Tgt Ion:149 Resp: 384930
 Ion Ratio Lower Upper
 149 100
 91 71.3 57.8 86.8
 206 20.7 16.7 25.1





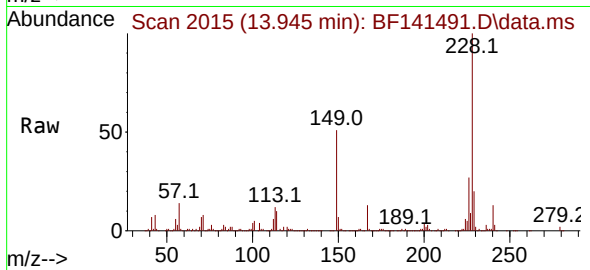
#81
Benzo(a)anthracene
Concen: 42.618 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

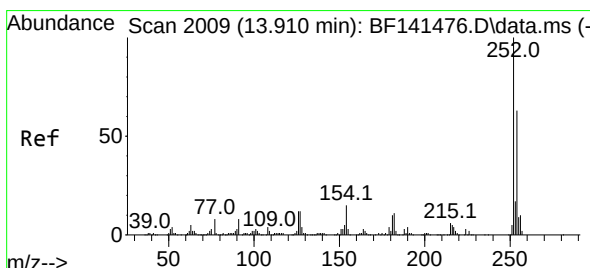
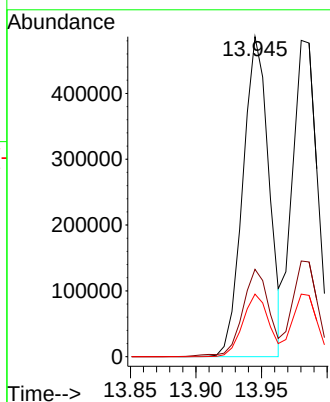
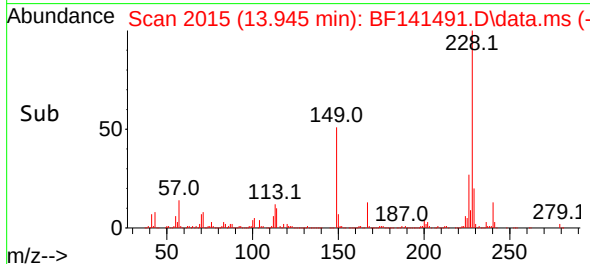


Tgt Ion:228 Resp: 67227
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6

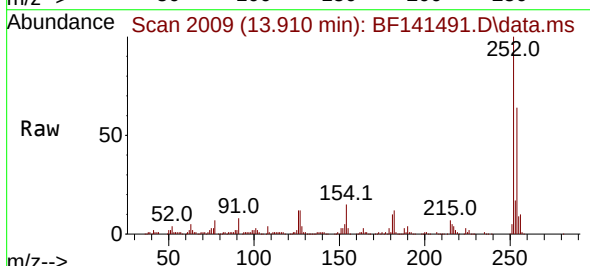
Manual Integrations

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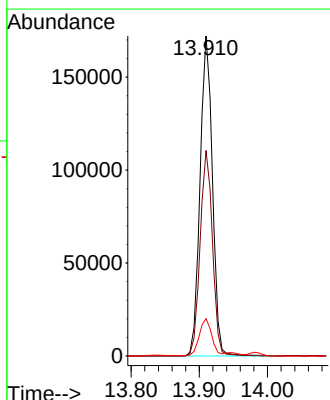
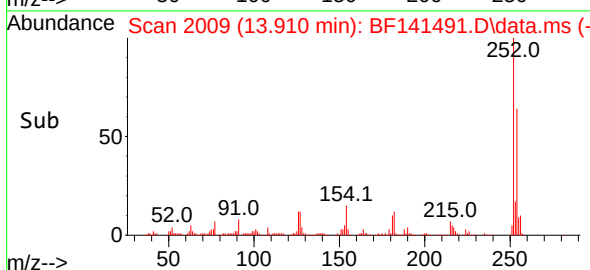
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

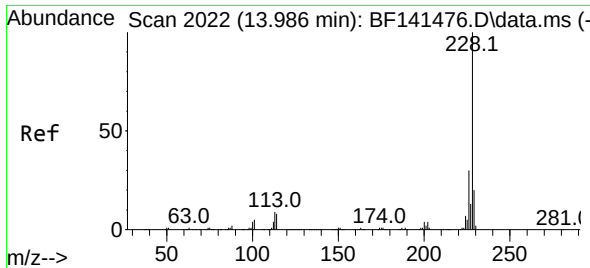


#82
3,3'-Dichlorobenzidine
Concen: 48.081 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



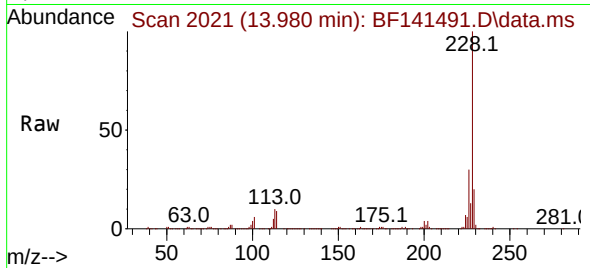
Tgt Ion:252 Resp: 217262
Ion Ratio Lower Upper
252 100
254 64.2 50.6 76.0
126 11.7 9.3 13.9





#83
Chrysene
Concen: 43.500 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

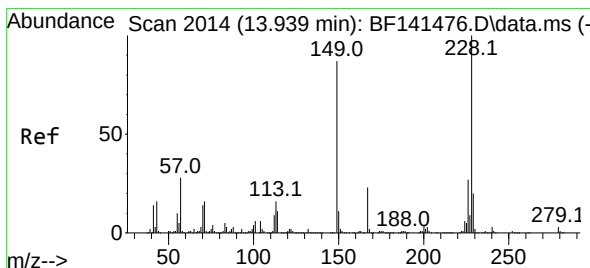
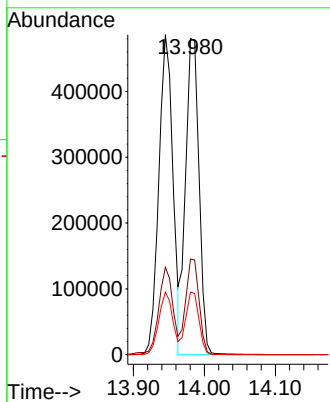
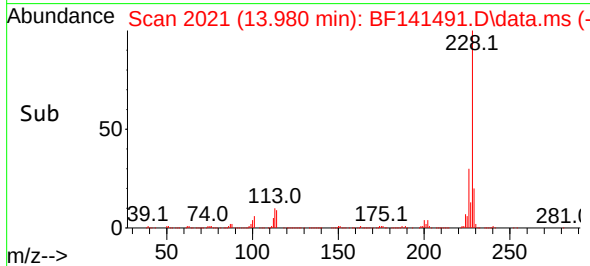
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:228 Resp: 633580
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.8 15.7 23.5

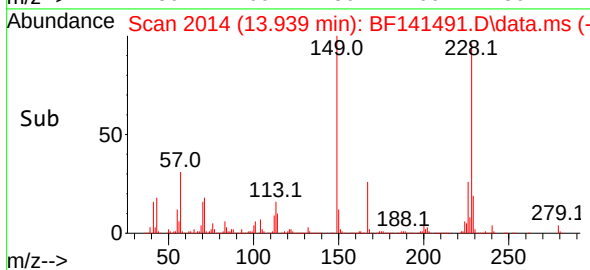
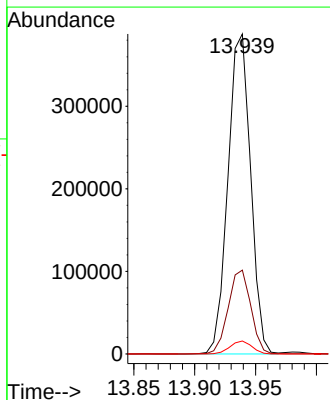
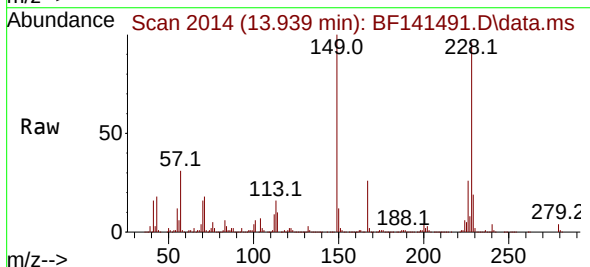
Manual Integrations
APPROVED

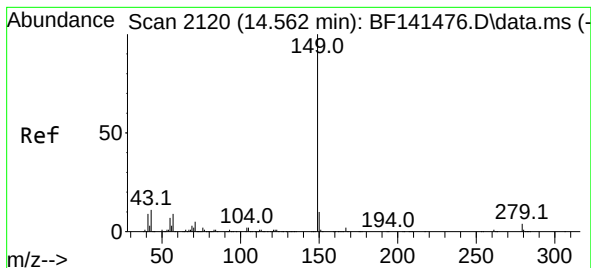
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.702 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

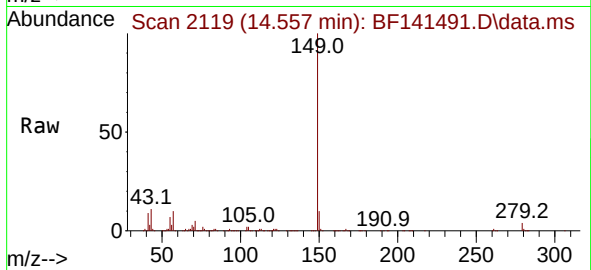
Tgt Ion:149 Resp: 502710
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.0
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 65.589 ng
RT: 14.557 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

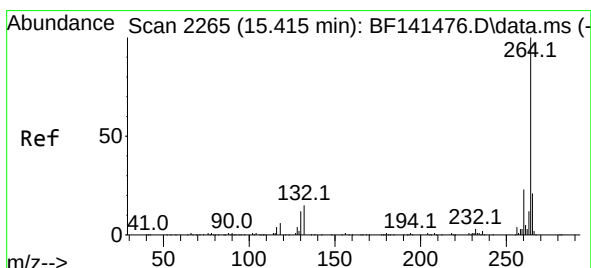
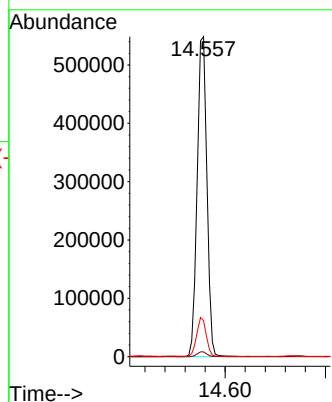
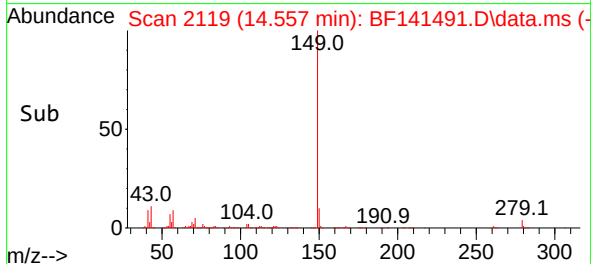
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:149 Resp: 73840
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.5 14.3

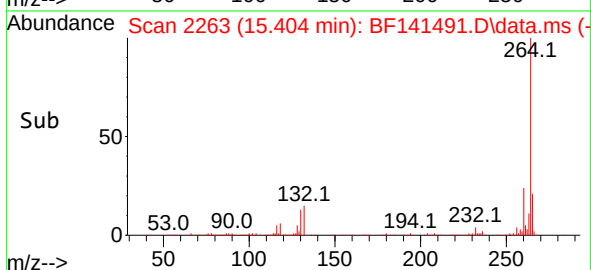
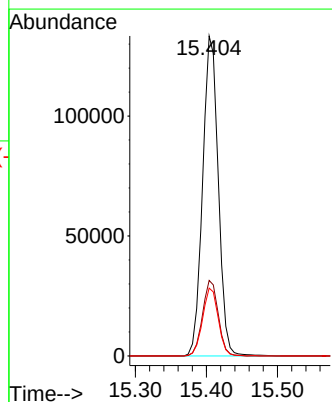
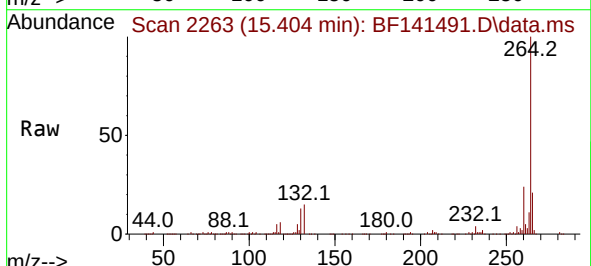
Manual Integrations
APPROVED

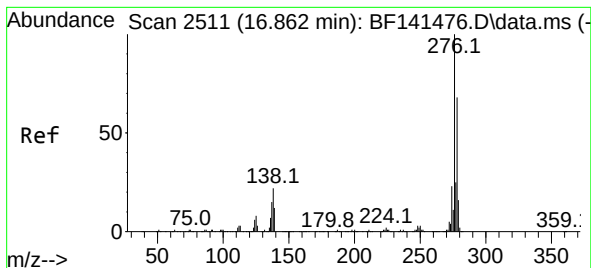
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

Tgt Ion:264 Resp: 204673
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.207 ng

RT: 16.851 min Scan# 2192

Delta R.T. -0.023 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:276 Resp: 55906

Ion Ratio Lower Upper

276 100

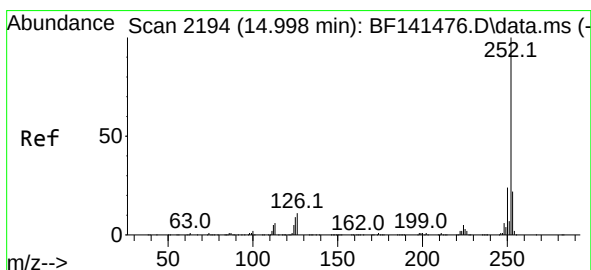
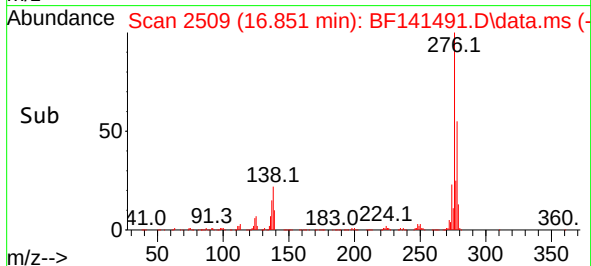
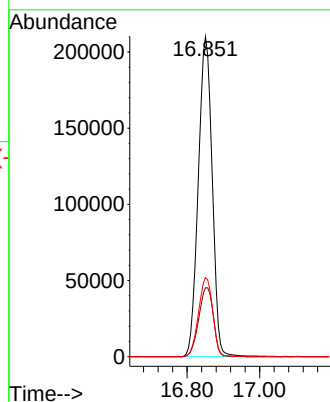
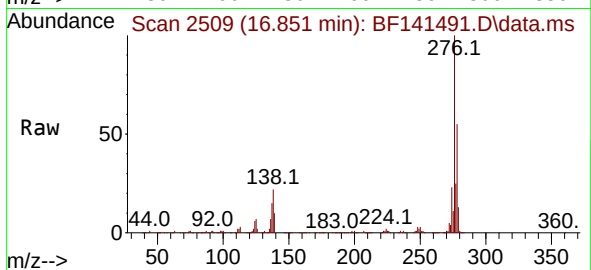
138 22.6 18.0 27.0

277 25.3 20.4 30.6

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 42.359 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.017 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

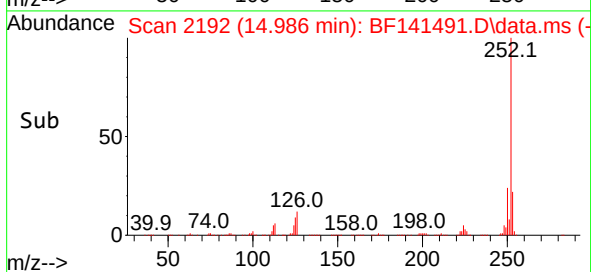
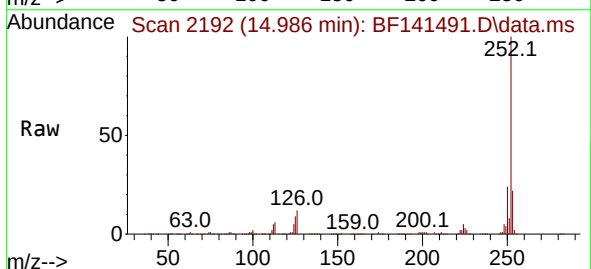
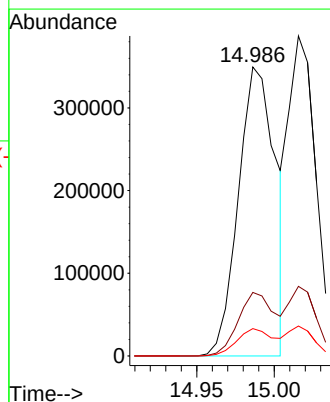
Tgt Ion:252 Resp: 582125

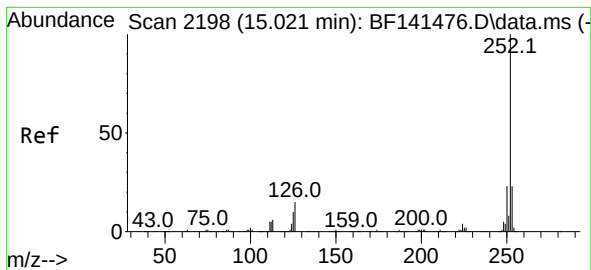
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.816 ng

RT: 15.016 min Scan# 2197

Delta R.T. -0.017 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:252 Resp: 47897

Ion Ratio Lower Upper

252 100

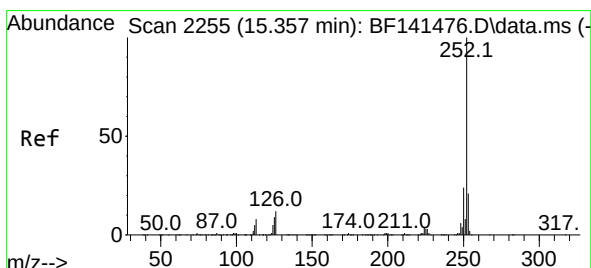
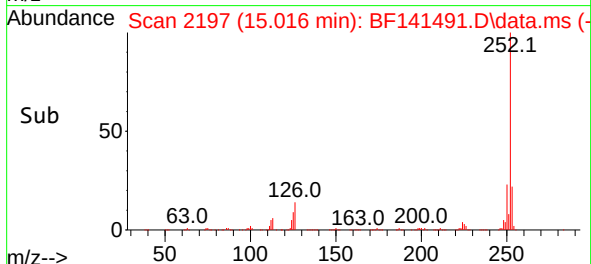
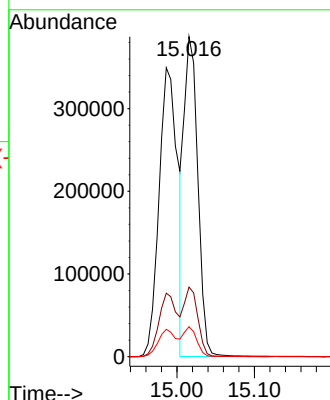
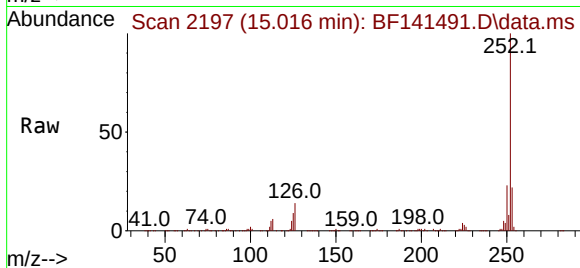
253 21.8 18.0 27.0

125 9.3 7.4 11.0

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 45.172 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141491.D

Acq: 06 Feb 2025 20:11

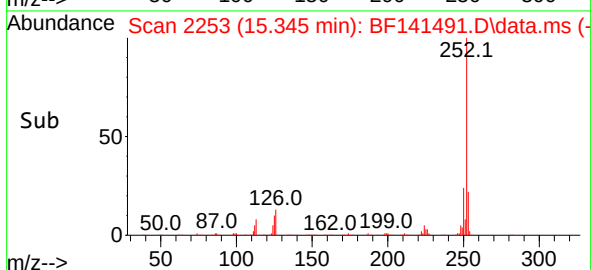
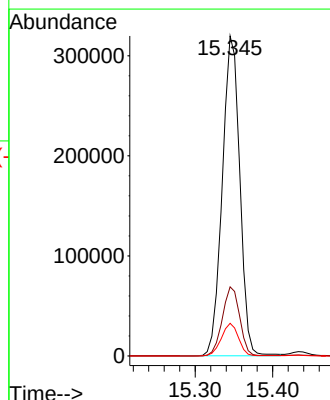
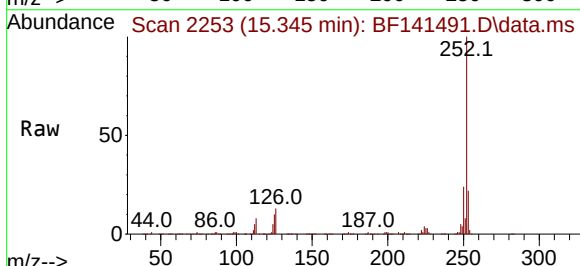
Tgt Ion:252 Resp: 502323

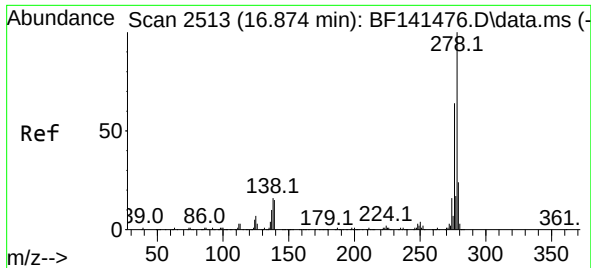
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

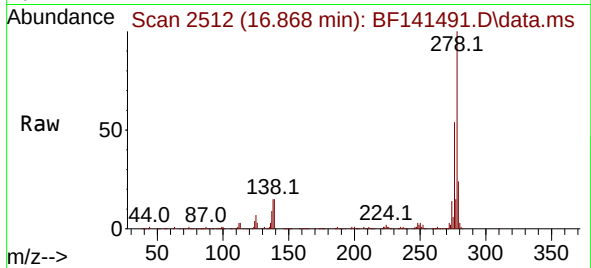
125 10.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 43.958 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11

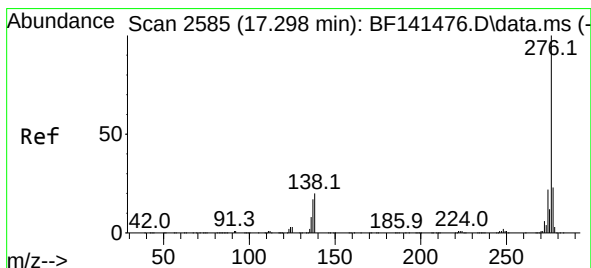
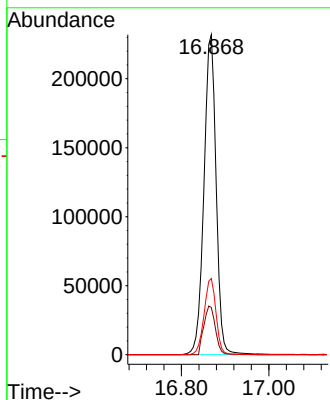
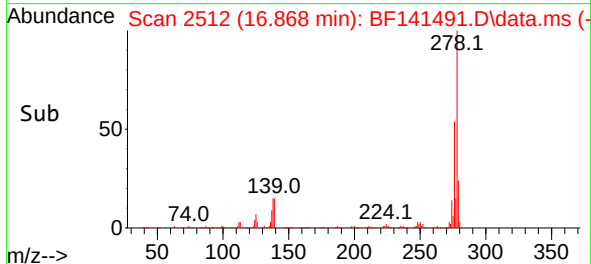
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



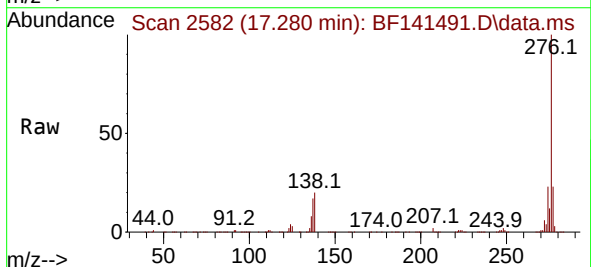
Tgt Ion:278 Resp: 450452
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.8 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 38.651 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.035 min
Lab File: BF141491.D
Acq: 06 Feb 2025 20:11



Tgt Ion:276 Resp: 414473
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.8 15.9 23.9

