

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141490.D
 Acq On : 06 Feb 2025 19:45
 Operator : RC/JU
 Sample : Q1309-13MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 01:54:19 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	96141	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	384601	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	213024	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	361178	20.000	ng	0.00
76) Chrysene-d12	13.957	240	227491	20.000	ng	0.00
86) Perylene-d12	15.404	264	199080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	574098	93.616	ng	0.00
7) Phenol-d6	6.428	99	718592	92.711	ng	-0.01
23) Nitrobenzene-d5	7.351	82	477699	64.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	204242	95.444	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	878009	63.500	ng	0.00
79) Terphenyl-d14	12.898	244	964201	71.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	107661	43.620	ng	99
3) Pyridine	3.299	79	248727	42.349	ng	99
4) n-Nitrosodimethylamine	3.257	42	166228	42.743	ng	97
6) Aniline	6.451	93	356182	48.989	ng	91
8) 2-Chlorophenol	6.575	128	285057	43.019	ng	99
9) Benzaldehyde	6.340	77	177485	43.091	ng	99
10) Phenol	6.445	94	351997	43.633	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	257342	42.470	ng	100
12) 1,3-Dichlorobenzene	6.728	146	296871	42.437	ng	98
13) 1,4-Dichlorobenzene	6.804	146	302629	42.341	ng	99
14) 1,2-Dichlorobenzene	6.957	146	286424	43.177	ng	99
15) Benzyl Alcohol	6.934	79	251726	42.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	451508	43.530	ng	89
17) 2-Methylphenol	7.051	107	223320	43.066	ng	98
18) Hexachloroethane	7.298	117	114803	43.401	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	198049	42.717	ng	99
20) 3+4-Methylphenols	7.204	107	281506	42.717	ng	97
22) Acetophenone	7.198	105	437233	45.701	ng	99
24) Nitrobenzene	7.375	77	301229	41.894	ng	100
25) Isophorone	7.610	82	538626	45.812	ng	100
26) 2-Nitrophenol	7.687	139	148809	41.598	ng	99
27) 2,4-Dimethylphenol	7.728	122	226225	54.133	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	325897	43.258	ng	100
29) 2,4-Dichlorophenol	7.934	162	233945	41.432	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	256023	41.637	ng	99
31) Naphthalene	8.092	128	815974	40.758	ng	100
32) Benzoic acid	7.863	122	191170	44.040	ng	99
33) 4-Chloroaniline	8.145	127	294936	42.196	ng	98
34) Hexachlorobutadiene	8.210	225	160490	43.477	ng	98
35) Caprolactam	8.516	113	82198m	47.812	ng	
36) 4-Chloro-3-methylphenol	8.634	107	260820	41.700	ng	100
37) 2-Methylnaphthalene	8.781	142	520026	39.917	ng	100
38) 1-Methylnaphthalene	8.881	142	505697	40.079	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	281089	45.609	ng	98
41) Hexachlorocyclopentadiene	8.939	237	309064	150.772	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	168603	42.328	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180339	41.775	ng	100
46) 1,1'-Biphenyl	9.251	154	750217	45.425	ng	99
47) 2-Chloronaphthalene	9.275	162	510842	41.829	ng	99
48) 2-Nitroaniline	9.375	65	173747	42.392	ng	97
49) Acenaphthylene	9.686	152	791097	43.551	ng	100
50) Dimethylphthalate	9.551	163	608654	42.087	ng	99
51) 2,6-Dinitrotoluene	9.616	165	133626	42.268	ng	100
52) Acenaphthene	9.863	154	498298	40.804	ng	98
53) 3-Nitroaniline	9.786	138	126688	37.232	ng	99
54) 2,4-Dinitrophenol	9.898	184	173535	92.359	ng	95
55) Dibenzofuran	10.033	168	722136	40.286	ng	100
56) 4-Nitrophenol	9.963	139	228895	90.620	ng	98
57) 2,4-Dinitrotoluene	10.022	165	182424	43.345	ng	99
58) Fluorene	10.375	166	569890	41.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154212	41.493	ng	97
60) Diethylphthalate	10.251	149	593234	41.693	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	275499	41.318	ng	99
62) 4-Nitroaniline	10.404	138	146192	42.312	ng	99
63) Azobenzene	10.528	77	627155	44.338	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	108238	43.141	ng	97
66) n-Nitrosodiphenylamine	10.492	169	503827	43.577	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172984	42.853	ng	96
68) Hexachlorobenzene	10.922	284	181753	43.726	ng	96
69) Atrazine	11.022	200	189594	54.661	ng	98
70) Pentachlorophenol	11.122	266	231289	87.021	ng	99
71) Phenanthrene	11.339	178	846015	42.553	ng	100
72) Anthracene	11.392	178	876117	43.838	ng	100
73) Carbazole	11.545	167	757574	42.128	ng	100
74) Di-n-butylphthalate	11.880	149	921991	44.403	ng	100
75) Fluoranthene	12.527	202	871205	41.332	ng	100
77) Benzidine	12.657	184	650638	129.682	ng	99
78) Pyrene	12.757	202	883101	45.601	ng	100
80) Butylbenzylphthalate	13.380	149	358700	53.476	ng	99
81) Benzo(a)anthracene	13.945	228	629263	41.612	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	206023	47.561	ng	98
83) Chrysene	13.986	228	611368	43.785	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	460157	60.825	ng	99
85) Di-n-octyl phthalate	14.557	149	682757	63.263	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	538283	43.759	ng	100
88) Benzo(b)fluoranthene	14.992	252	541455	40.506	ng	99
89) Benzo(k)fluoranthene	15.015	252	477824	41.861	ng	99
90) Benzo(a)pyrene	15.345	252	474884	43.904	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	434154	43.558	ng	99
92) Benzo(g,h,i)perylene	17.286	276	399956	38.345	ng	100

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

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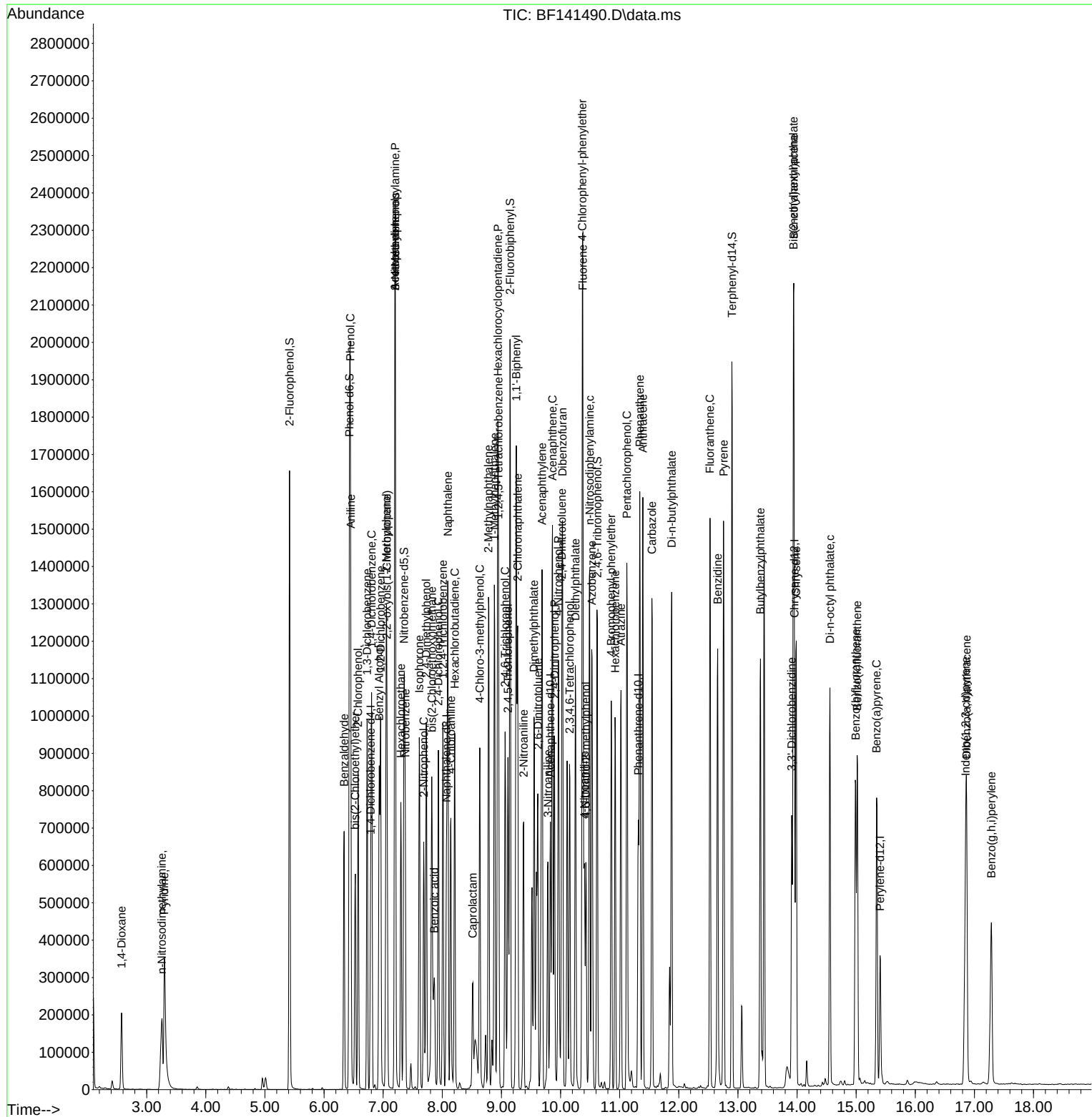
Quant Time: Feb 07 01:54:19 2025

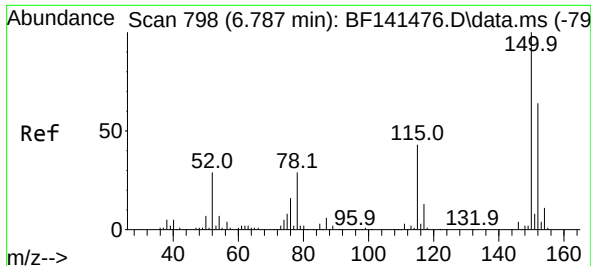
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QLast Update : Thu Feb 06 16:58:59 2025

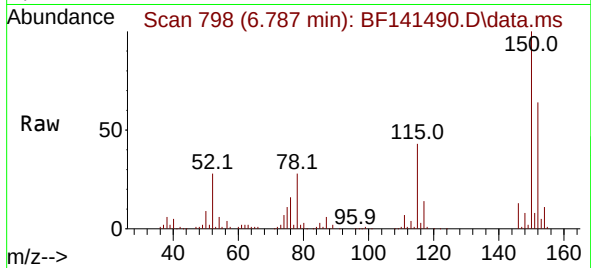
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

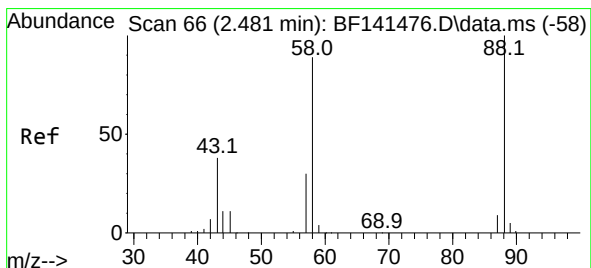
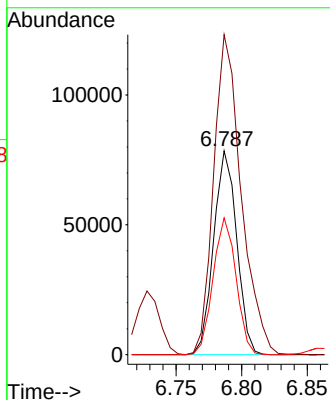
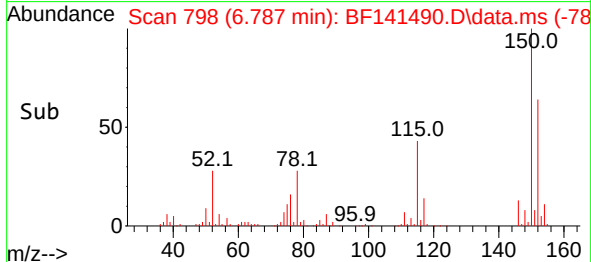
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:152 Resp: 9614
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.4
115 67.1 53.6 80.4

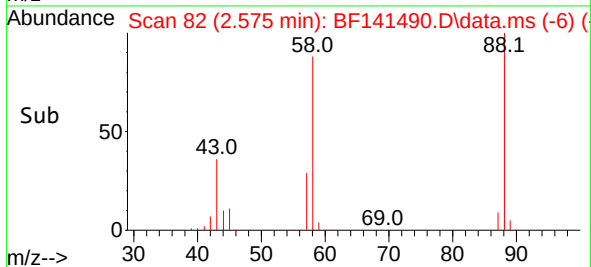
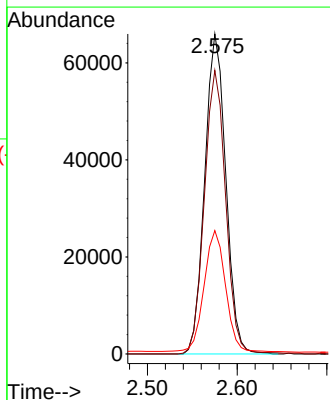
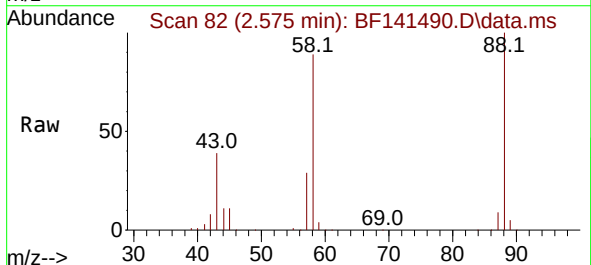
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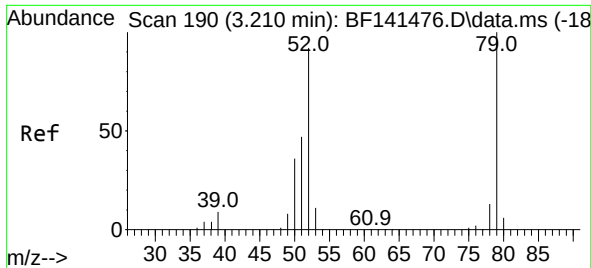
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 43.620 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.094 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion: 88 Resp: 107661
Ion Ratio Lower Upper
88 100
58 89.6 71.1 106.7
43 39.1 30.6 46.0





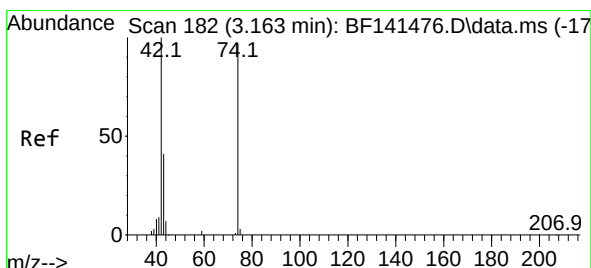
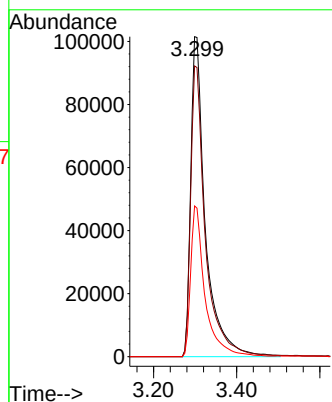
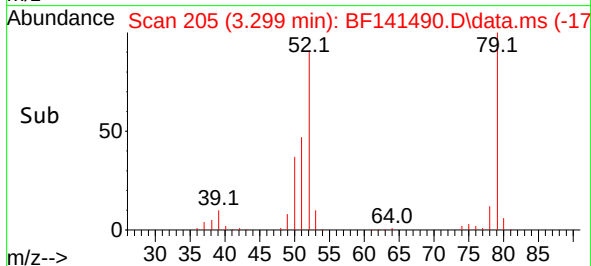
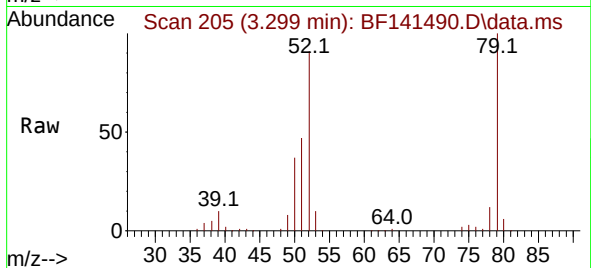
#3
Pyridine
Concen: 42.349 ng
RT: 3.299 min Scan# 205
Delta R.T. 0.083 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 79 Resp: 24872
Ion Ratio Lower Upper
79 100
52 90.9 73.7 110.5
51 47.1 37.5 56.3

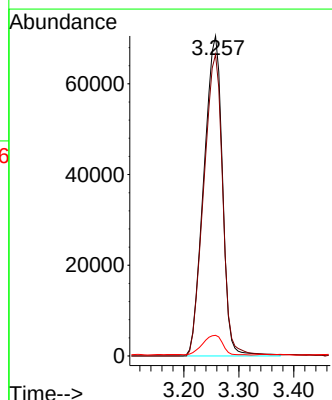
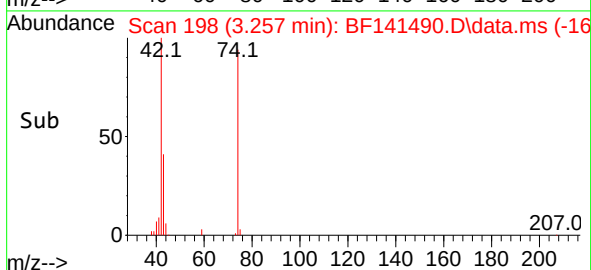
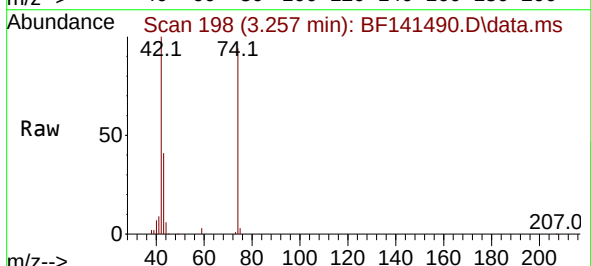
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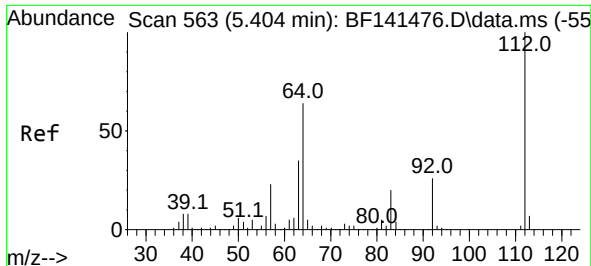
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#4
n-Nitrosodimethylamine
Concen: 42.743 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion: 42 Resp: 166228
Ion Ratio Lower Upper
42 100
74 94.2 78.0 117.0
44 6.5 5.4 8.2





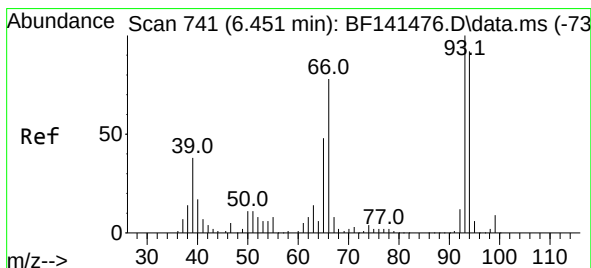
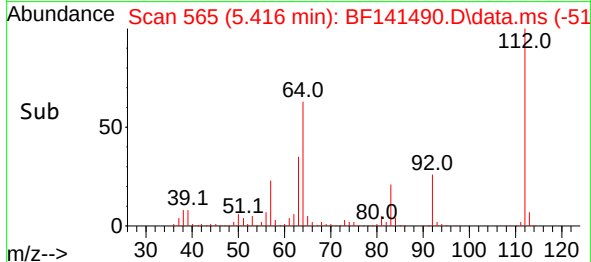
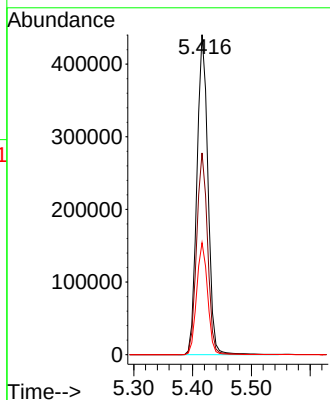
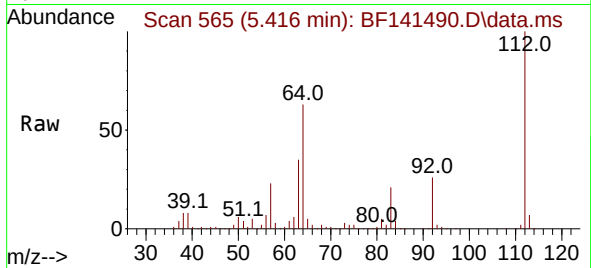
#5
2-Fluorophenol
Concen: 93.616 ng
RT: 5.416 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 574098
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 35.0 28.4 42.6

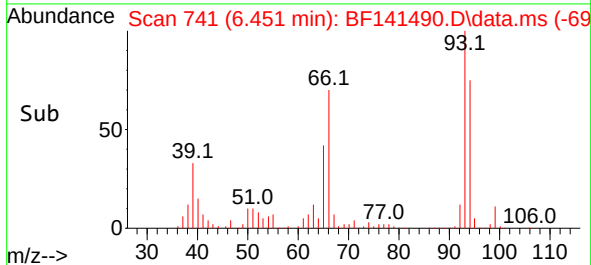
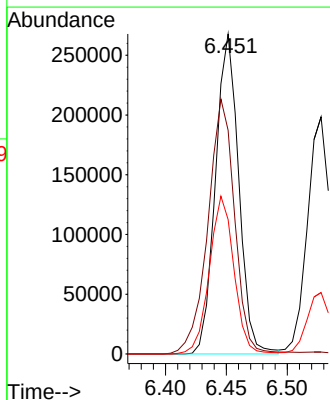
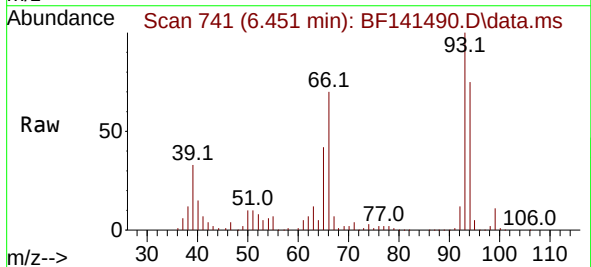
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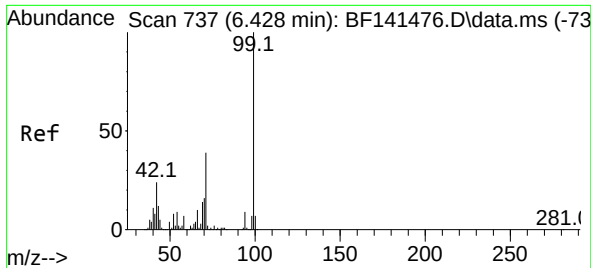
Reviewed By :Jagrut Upadhyay 02/07/2025
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#6
Aniline
Concen: 48.989 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

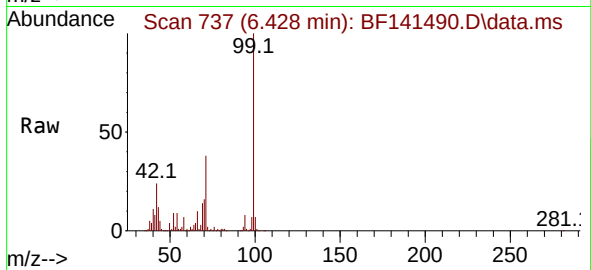
Tgt Ion: 93 Resp: 356182
Ion Ratio Lower Upper
93 100
66 69.9 62.6 94.0
65 42.0 38.3 57.5





#7
Phenol-d6
Concen: 92.711 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

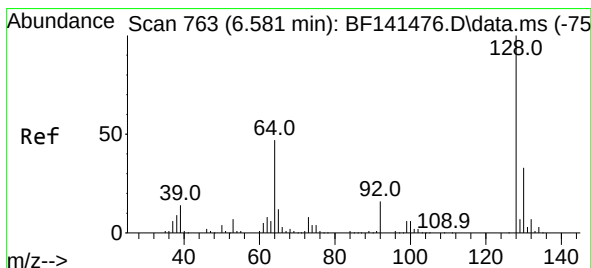
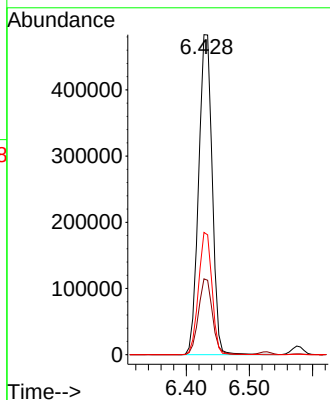
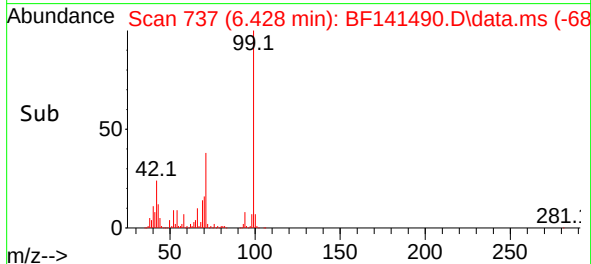
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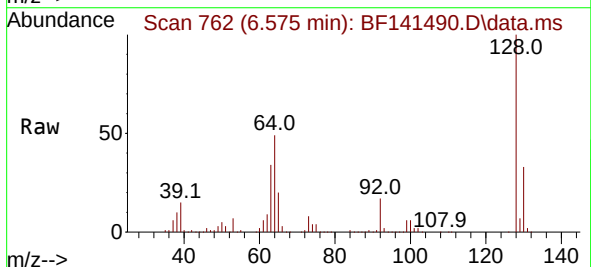
Tgt Ion: 99 Resp: 718592
Ion Ratio Lower Upper
99 100
42 23.7 19.1 28.7
71 38.2 31.1 46.7

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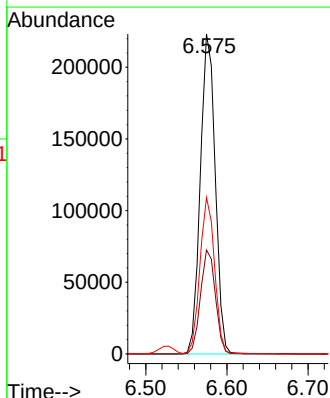
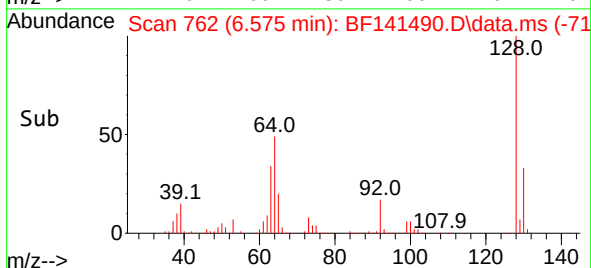
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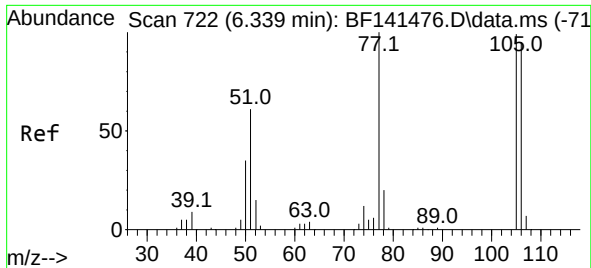


#8
2-Chlorophenol
Concen: 43.019 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



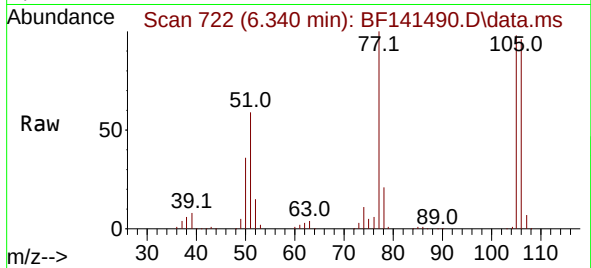
Tgt Ion:128 Resp: 285057
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 48.9 28.3 68.3





#9
Benzaldehyde
Concen: 43.091 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141490.D
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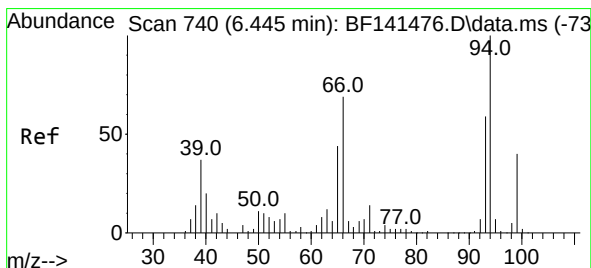
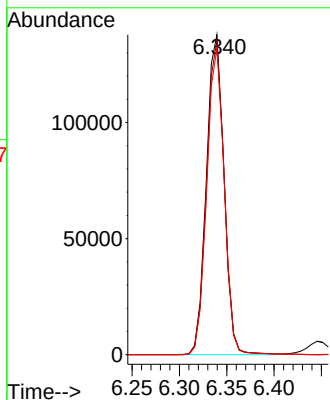
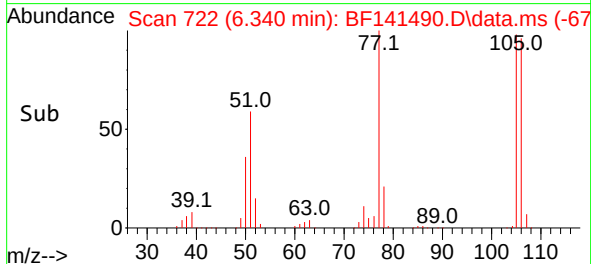
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Tgt Ion: 77 Resp: 17748
Ion Ratio Lower Upper
77 100
105 98.2 79.4 119.4
106 95.7 75.1 115.1

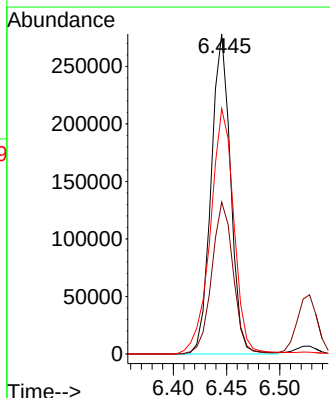
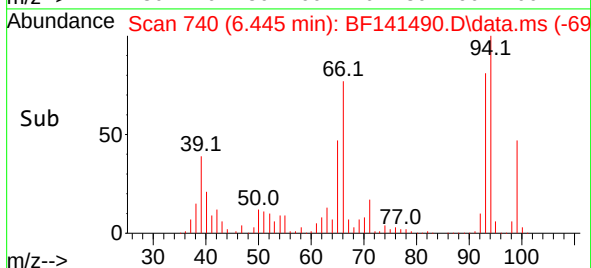
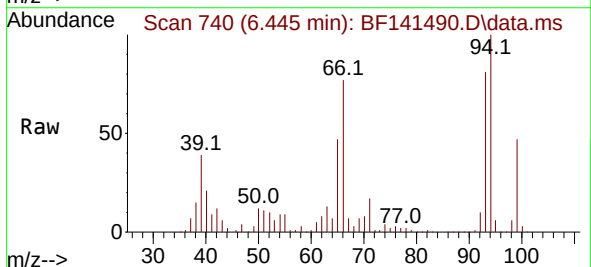
Manual Integrations
APPROVED

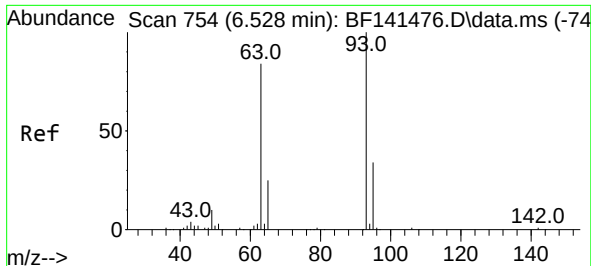
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 43.633 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion: 94 Resp: 351997
Ion Ratio Lower Upper
94 100
65 47.5 23.7 63.7
66 76.7 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 42.470 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

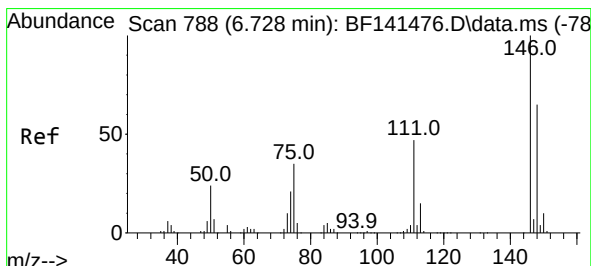
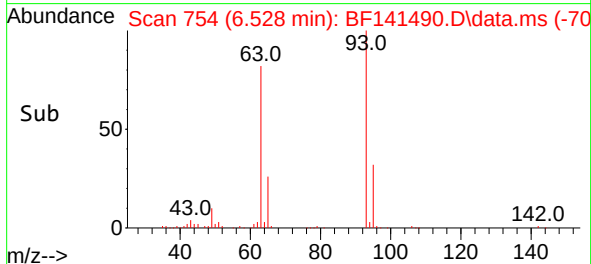
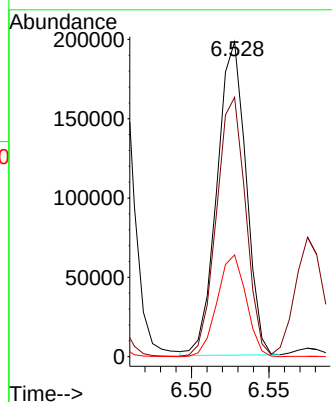
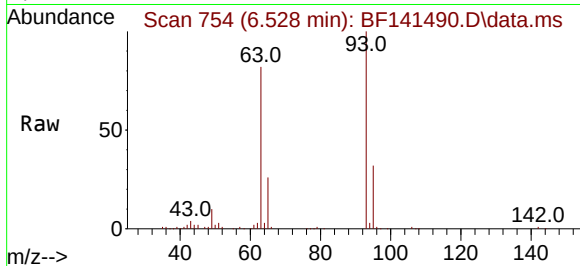
ClientSampleId :

WC-5MS

Tgt Ion: 93 Resp: 25734
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 32.3 12.6 52.6

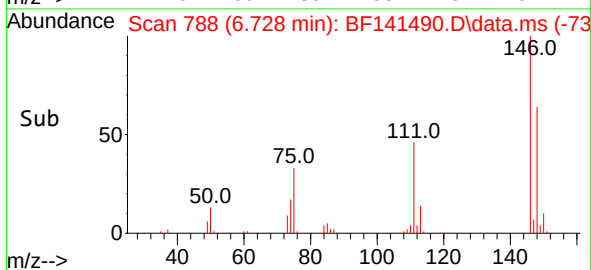
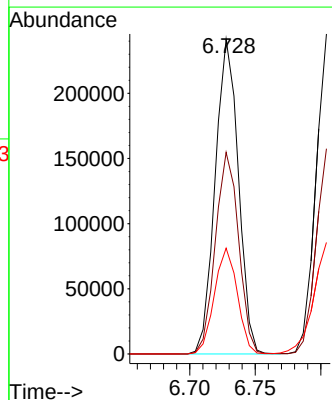
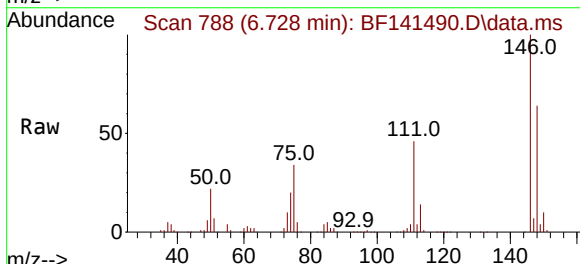
Manual Integrations
APPROVED

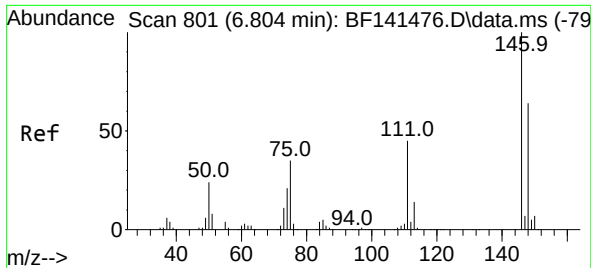
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 42.437 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:146 Resp: 296871
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.6 28.2 42.2





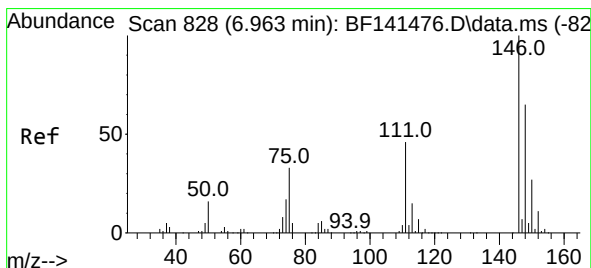
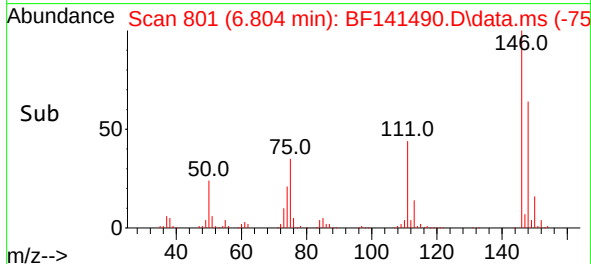
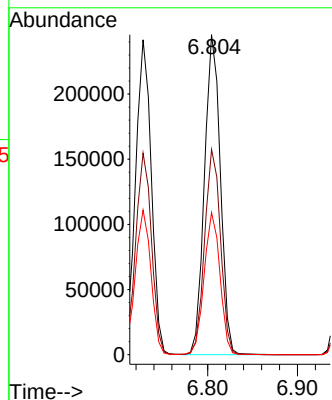
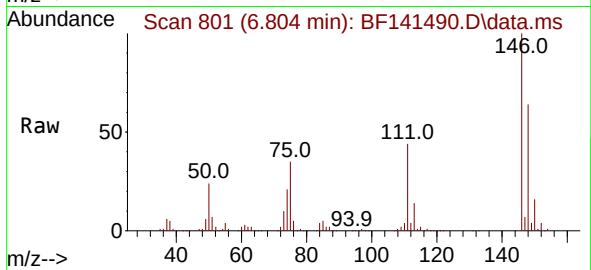
#13
1,4-Dichlorobenzene
Concen: 42.341 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:146 Resp: 302629
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 44.4 35.9 53.9

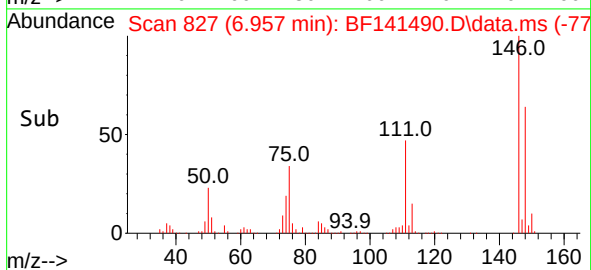
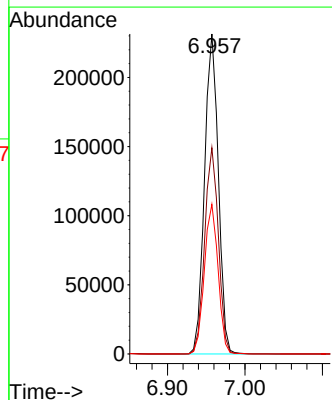
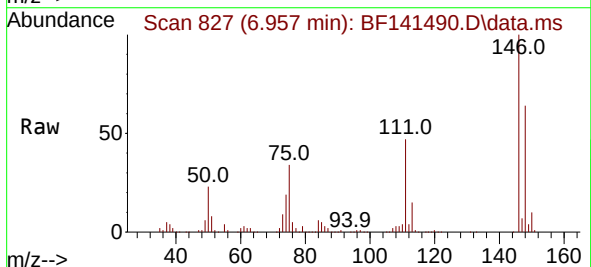
Manual Integrations
APPROVED

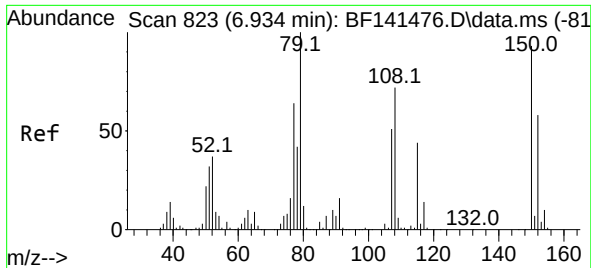
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14
1,2-Dichlorobenzene
Concen: 43.177 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

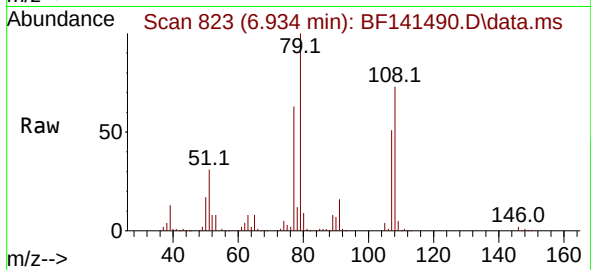
Tgt Ion:146 Resp: 286424
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 46.7 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.351 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

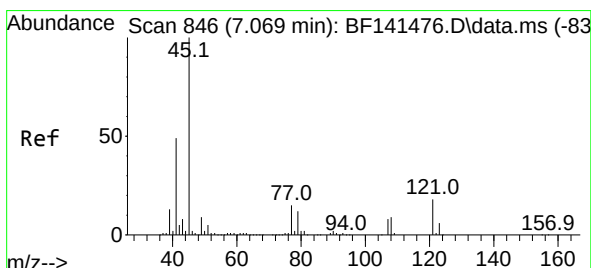
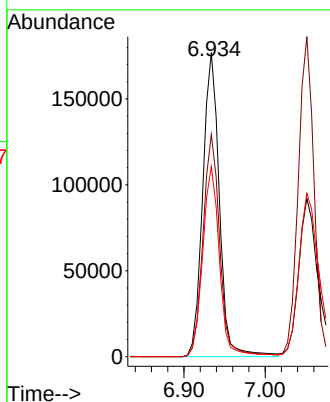
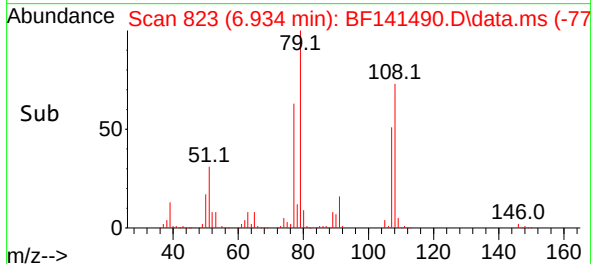
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion: 79 Resp: 251720
Ion Ratio Lower Upper
79 100
108 73.1 57.4 86.2
77 62.6 50.9 76.3

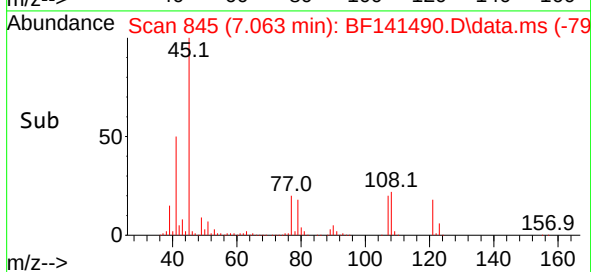
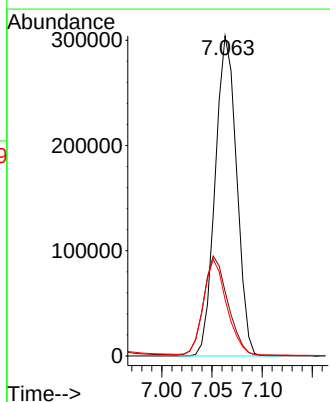
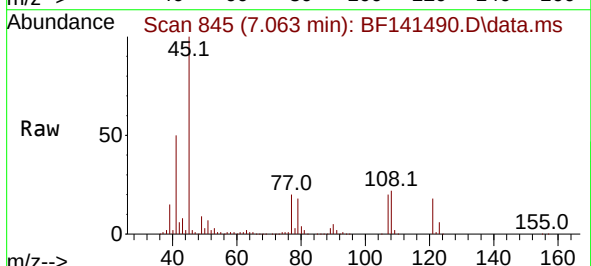
Manual Integrations
APPROVED

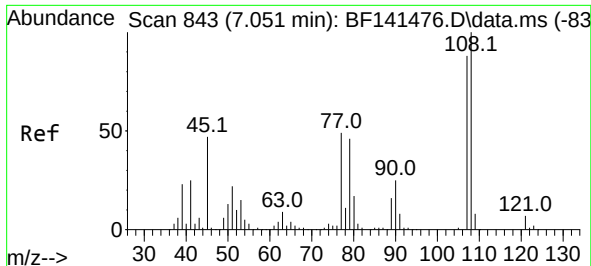
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.530 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

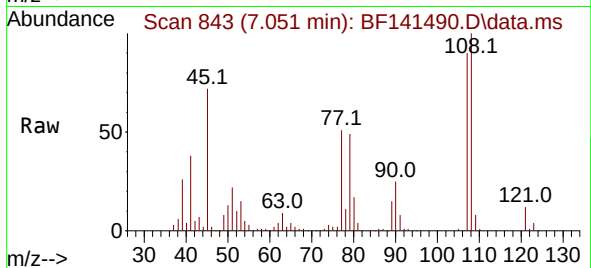
Tgt Ion: 45 Resp: 451508
Ion Ratio Lower Upper
45 100
77 20.1 0.0 35.8
79 17.6 0.0 32.7





#17
2-Methylphenol
Concen: 43.066 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

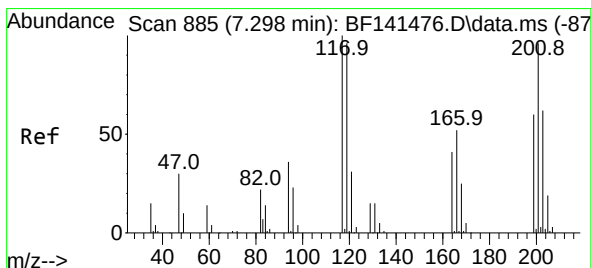
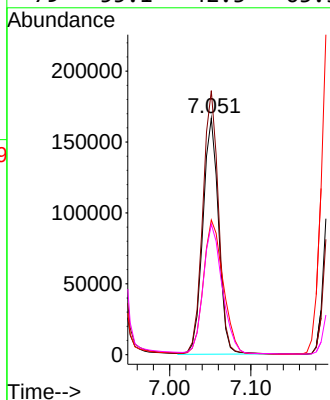
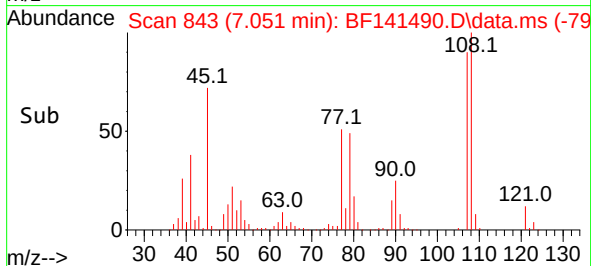
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:107 Resp: 223320
Ion Ratio Lower Upper
107 100
108 111.6 90.6 136.0
77 57.0 44.4 66.6
79 55.1 42.3 63.5

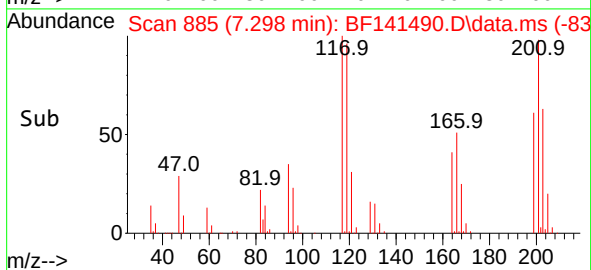
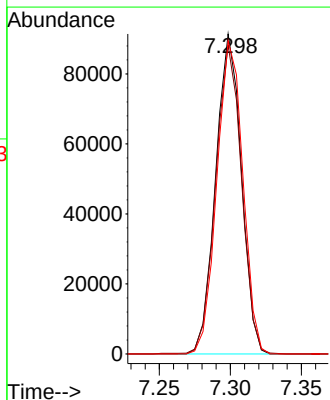
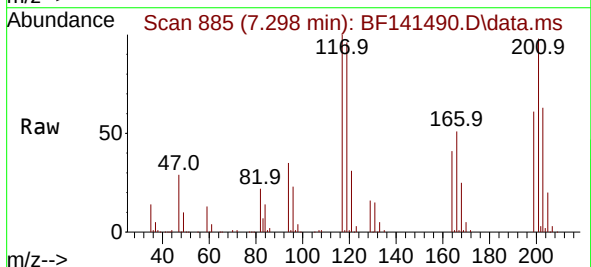
Manual Integrations
APPROVED

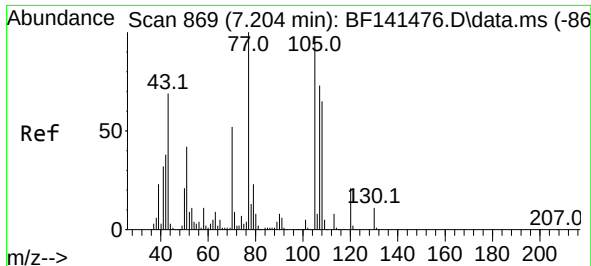
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 43.401 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:117 Resp: 114803
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 97.9 76.7 115.1





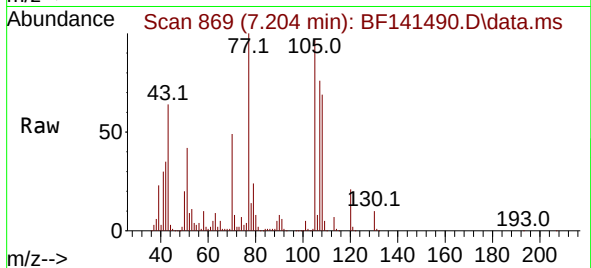
#19
n-Nitroso-di-n-propylamine
Concen: 42.717 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

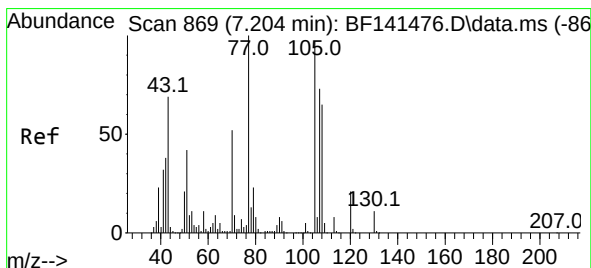
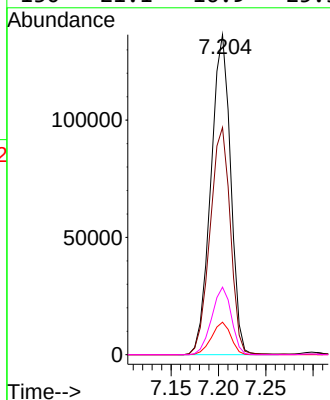
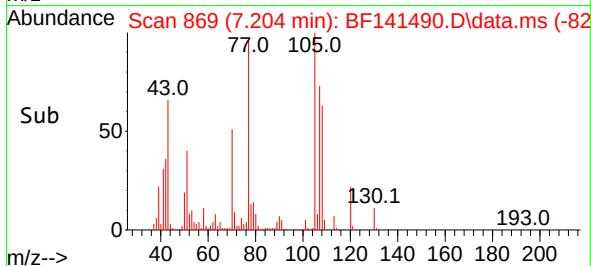


Tgt Ion: 70 Resp: 198049
Ion Ratio Lower Upper
70 100
42 71.0 57.4 86.2
101 10.1 8.0 12.0
130 21.1 16.9 25.3

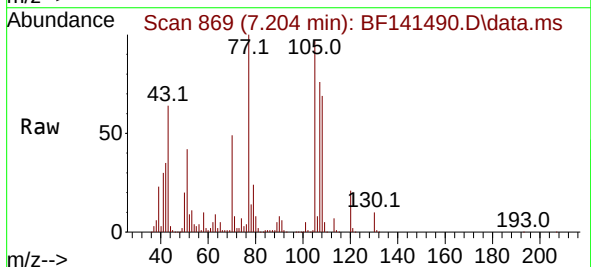
Manual Integrations

APPROVED

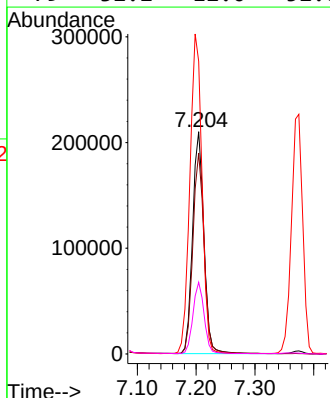
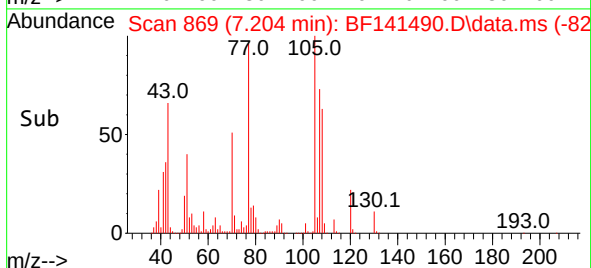
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

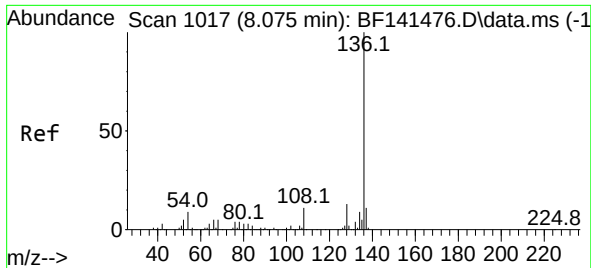


#20
3+4-Methylphenols
Concen: 42.717 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:107 Resp: 281506
Ion Ratio Lower Upper
107 100
108 90.5 68.5 108.5
77 131.7 116.5 156.5
79 32.2 12.0 52.0





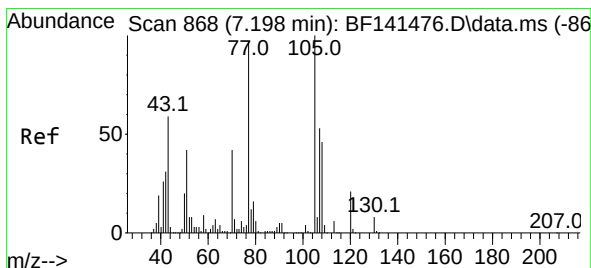
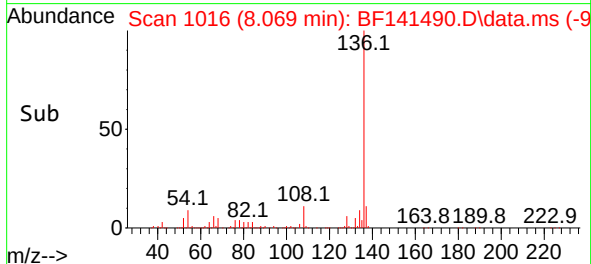
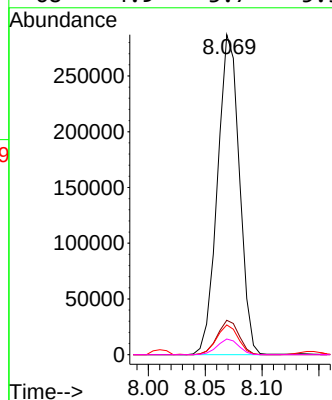
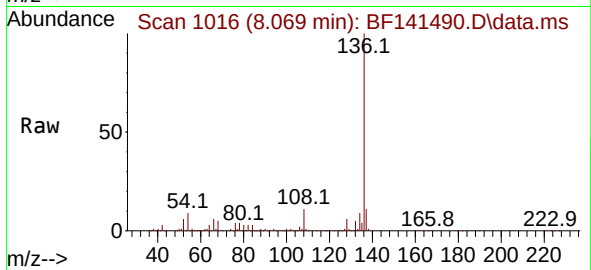
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:	136	Resp:	38460
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.3	7.2	10.8
68	4.9	3.7	5.5

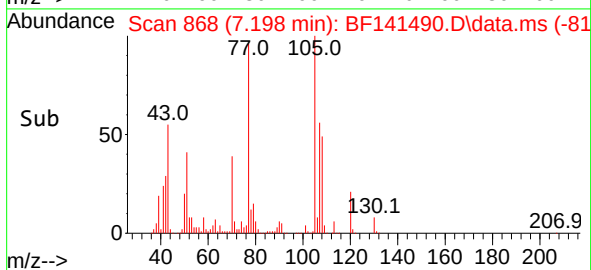
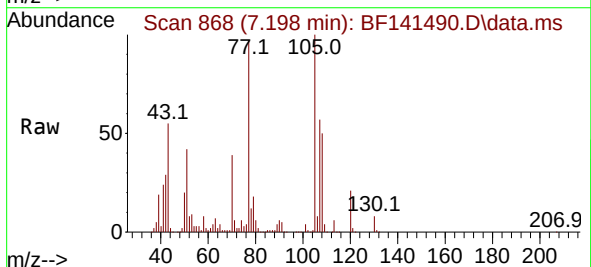
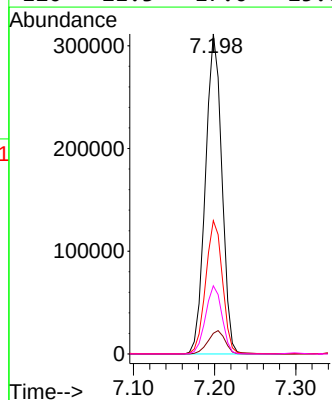
Manual Integrations
APPROVED

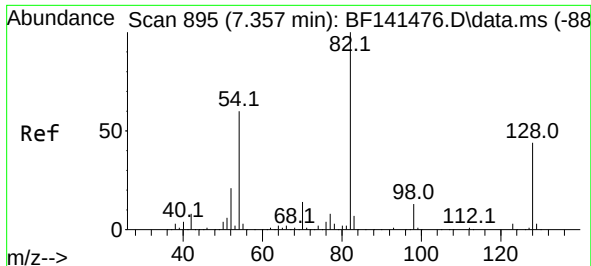
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 45.701 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:	105	Resp:	437233
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.7	8.5
51	41.6	33.7	50.5
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 64.784 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

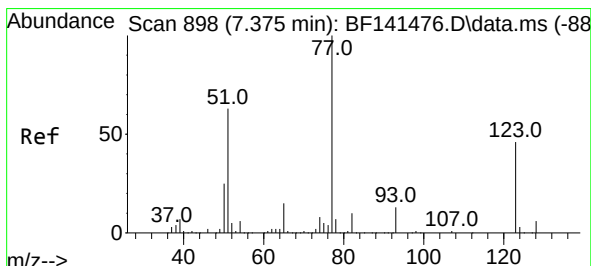
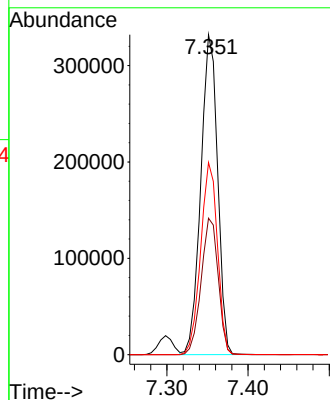
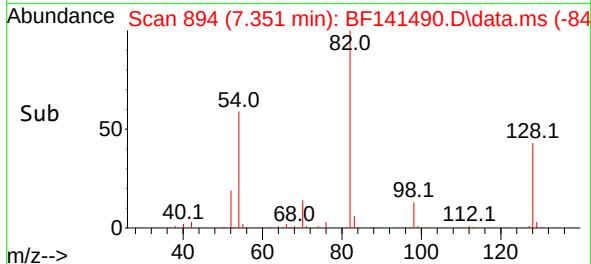
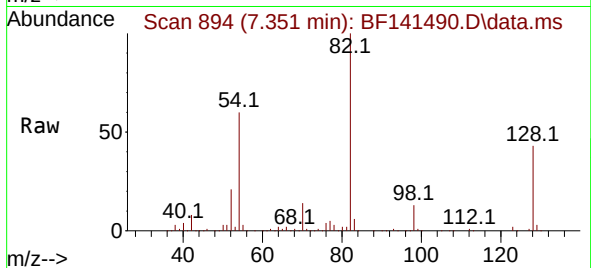
WC-5MS

Tgt Ion: 82 Resp: 477699
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.8 52.2
 54 60.0 48.2 72.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 41.894 ng

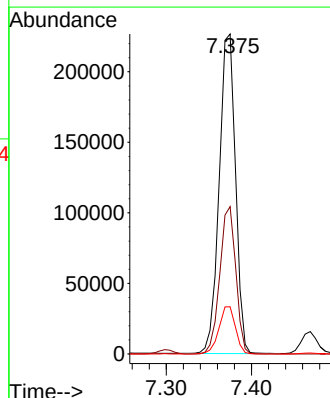
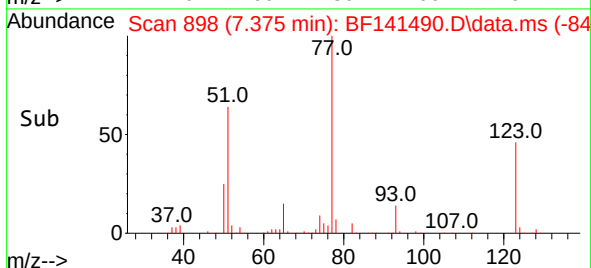
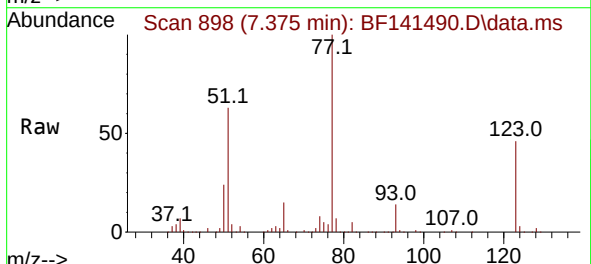
RT: 7.375 min Scan# 898

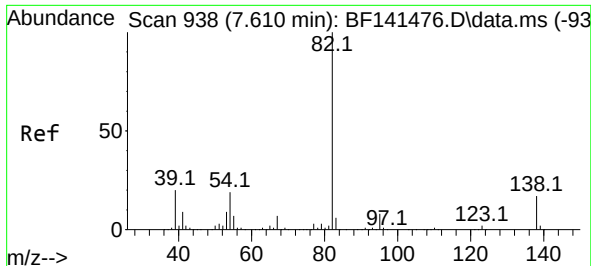
Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

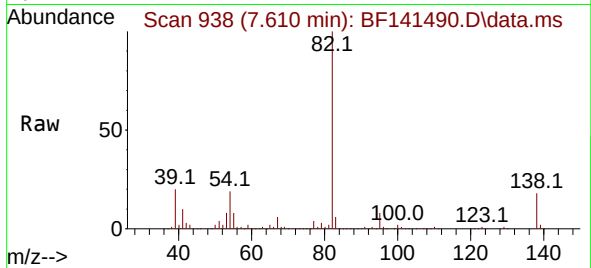
Tgt Ion: 77 Resp: 301229
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.9 55.3
 65 14.7 11.9 17.9





#25
Isophorone
Concen: 45.812 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

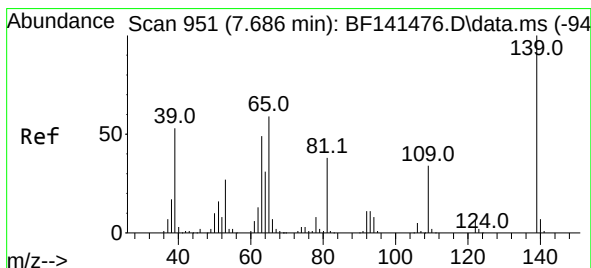
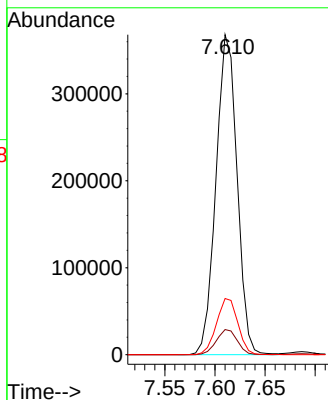
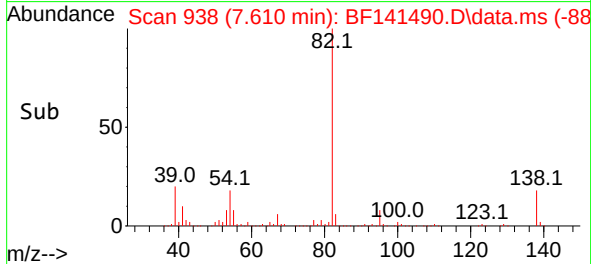
Instrument :
BNA_F
ClientSampleId :
WC-5MS



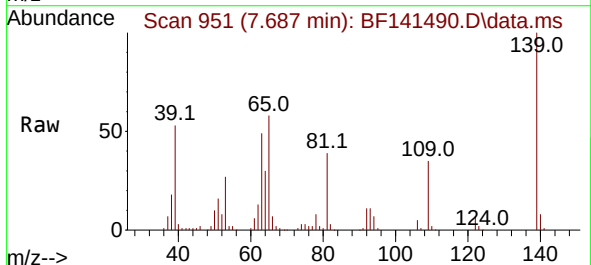
Tgt Ion: 82 Resp: 538620
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.5 13.9 20.9

Manual Integrations
APPROVED

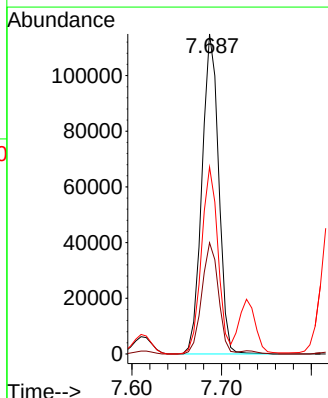
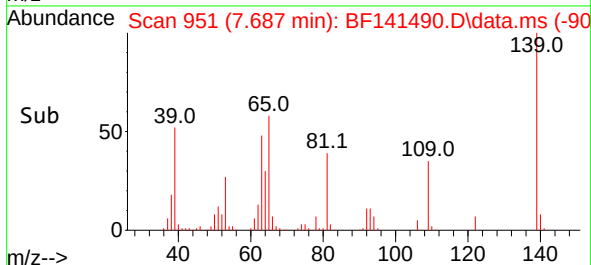
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

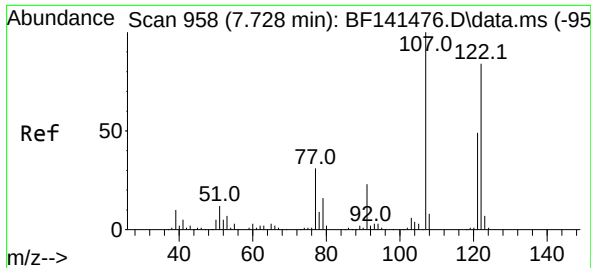


#26
2-Nitrophenol
Concen: 41.598 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:139 Resp: 148809
Ion Ratio Lower Upper
139 100
109 34.8 27.0 40.6
65 58.4 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 54.133 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

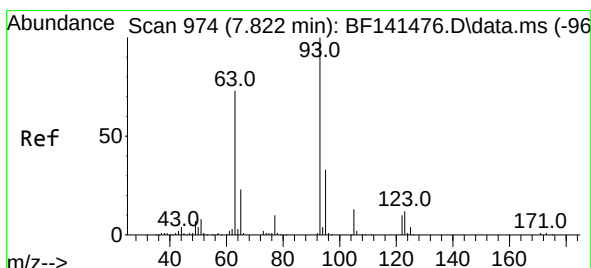
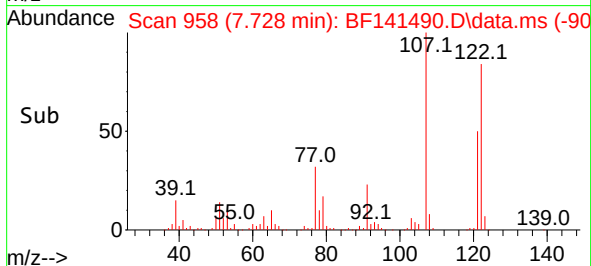
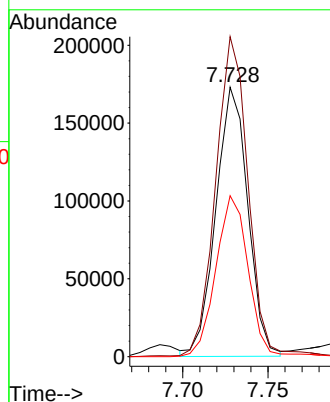
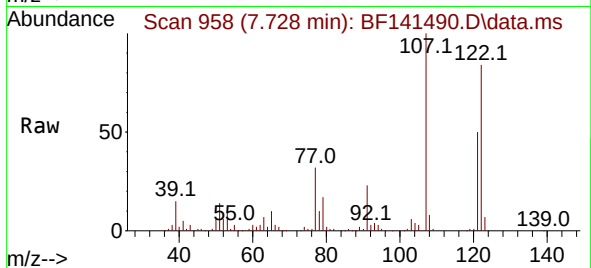
WC-5MS

Tgt Ion:122 Resp: 226225
Ion Ratio Lower Upper
122 100
107 118.8 94.3 141.5
121 59.7 46.0 69.0

Manual Integrations

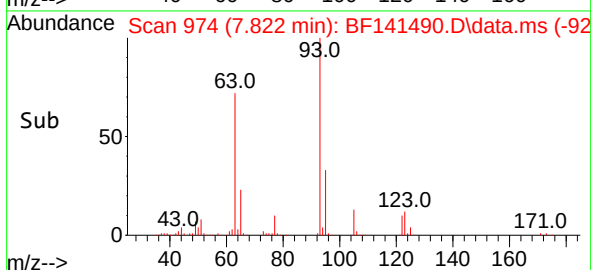
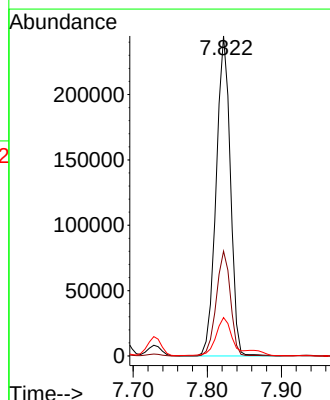
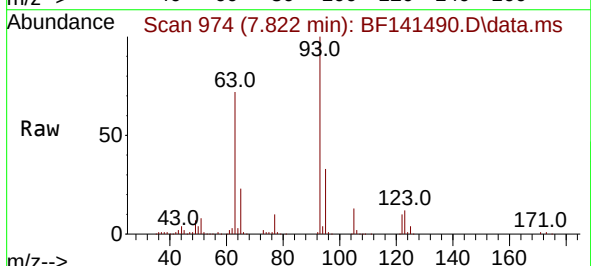
APPROVED

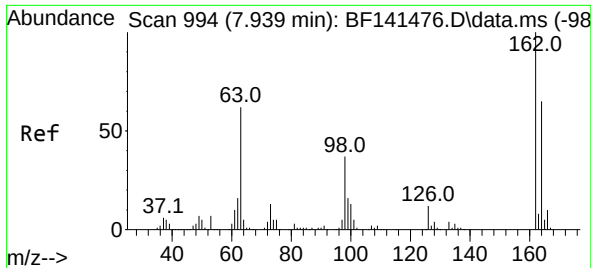
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.258 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion: 93 Resp: 325897
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.432 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

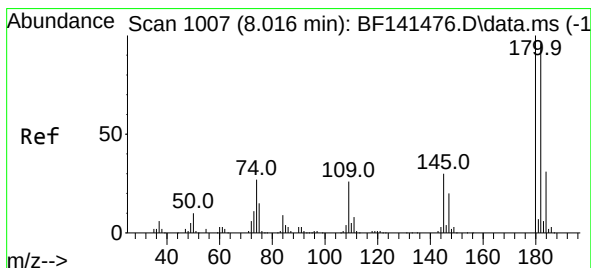
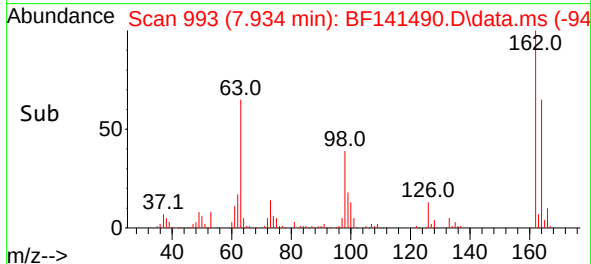
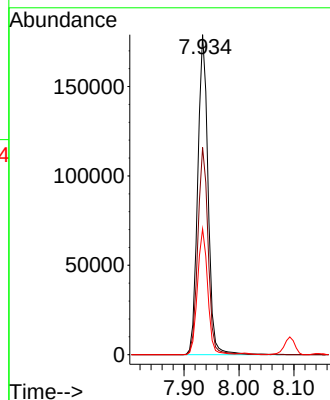
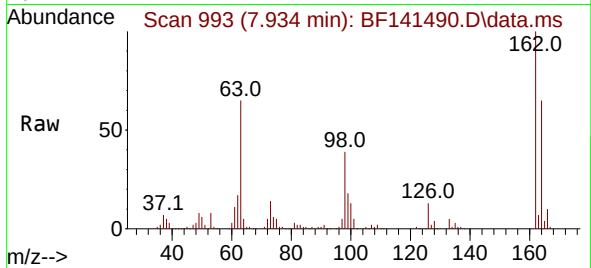
Tgt Ion:162 Resp: 23394

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	39.3	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: 41.637 ng

RT: 8.010 min Scan# 1006

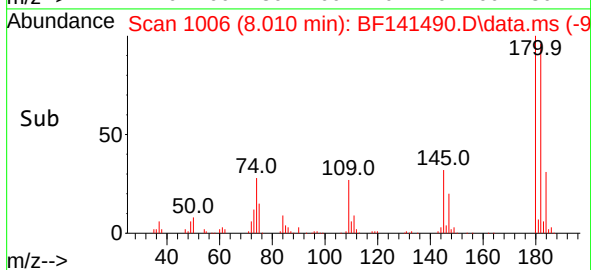
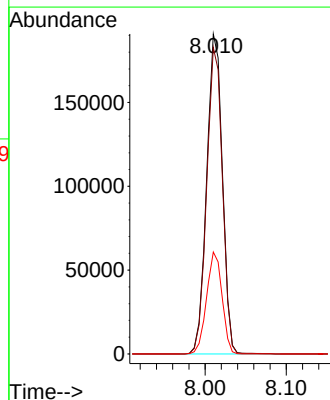
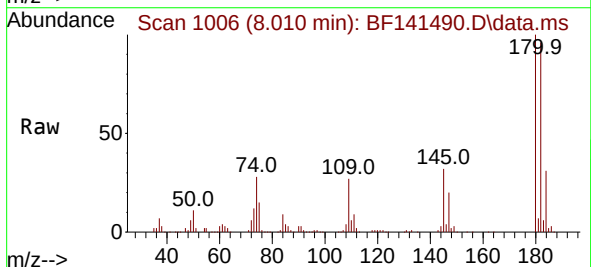
Delta R.T. -0.006 min

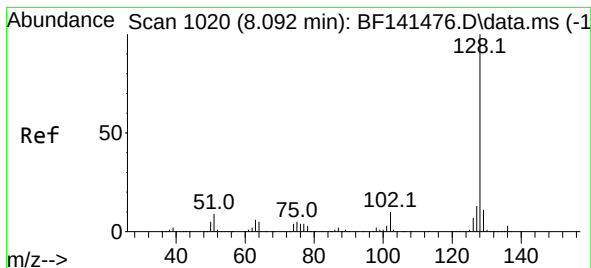
Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Tgt Ion:180 Resp: 256023

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	31.9	24.2	36.4





#31

Naphthalene

Concen: 40.758 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

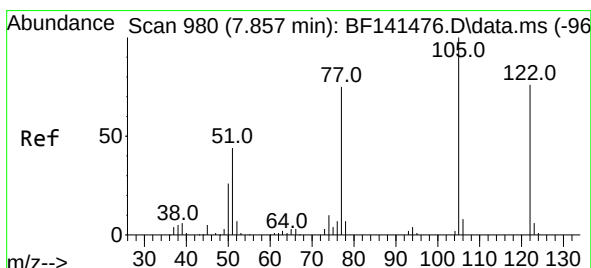
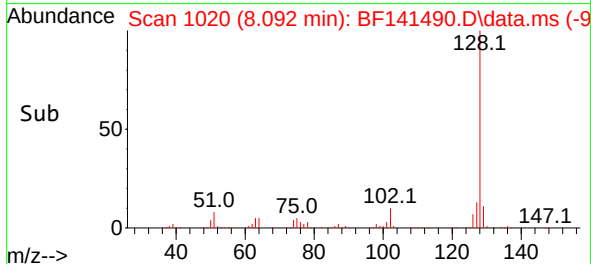
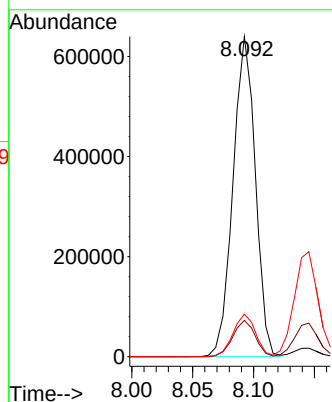
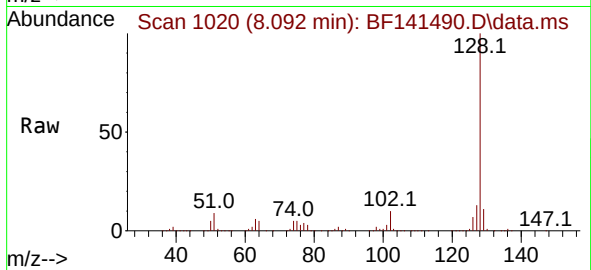
Tgt Ion:128 Resp: 815974

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	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: 44.040 ng

RT: 7.863 min Scan# 981

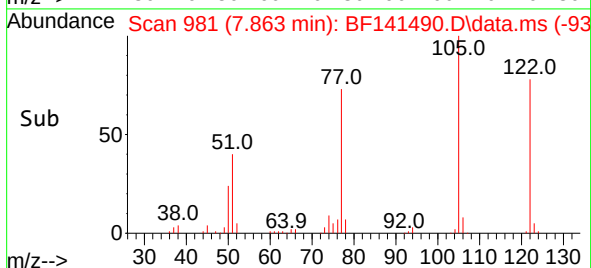
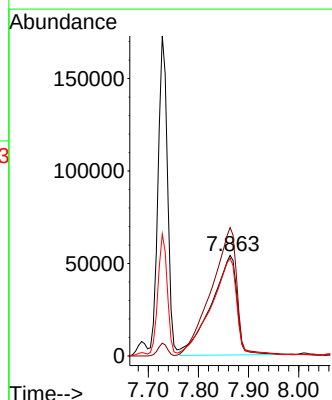
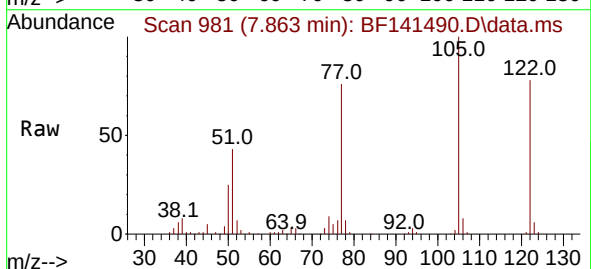
Delta R.T. -0.029 min

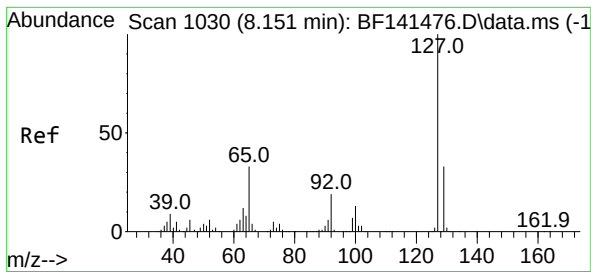
Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Tgt Ion:122 Resp: 191170

Ion	Ratio	Lower	Upper
122	100		
105	127.7	106.5	146.5
77	97.4	76.3	116.3





#33

4-Chloroaniline

Concen: 42.196 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:127 Resp: 294930

Ion Ratio Lower Upper

127 100

129 32.0 26.5 39.7

65 32.1 26.4 39.6

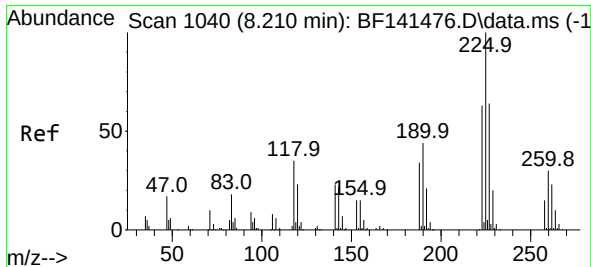
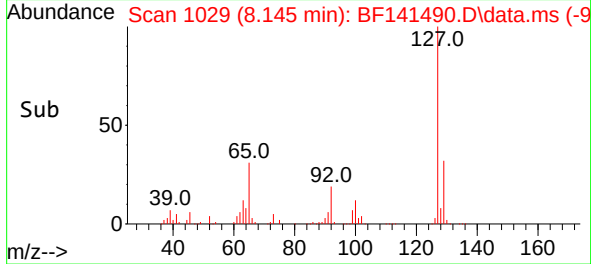
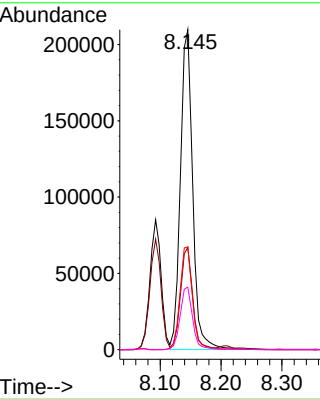
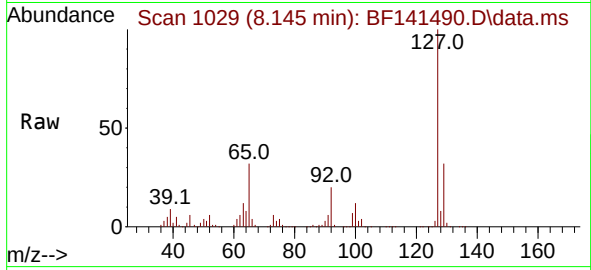
92 19.6 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#34

Hexachlorobutadiene

Concen: 43.477 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

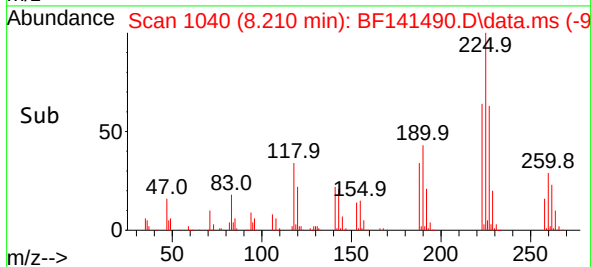
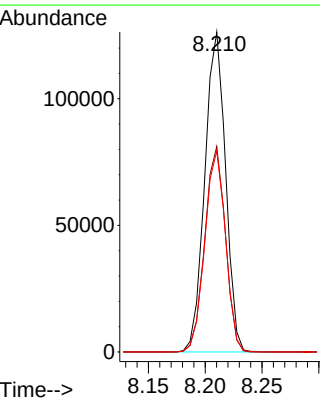
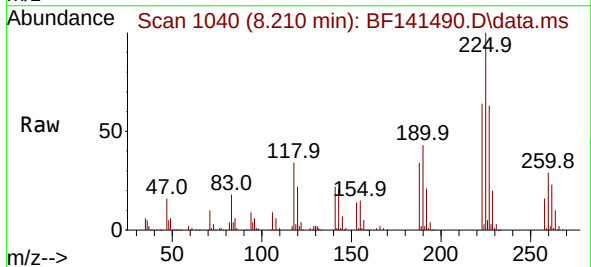
Tgt Ion:225 Resp: 160490

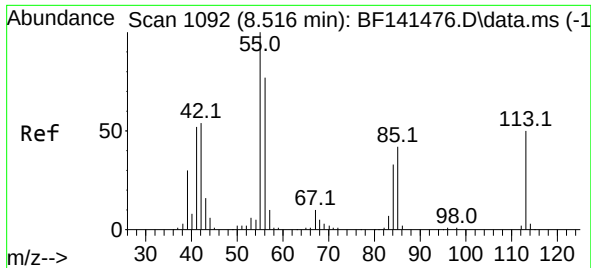
Ion Ratio Lower Upper

225 100

223 64.2 50.1 75.1

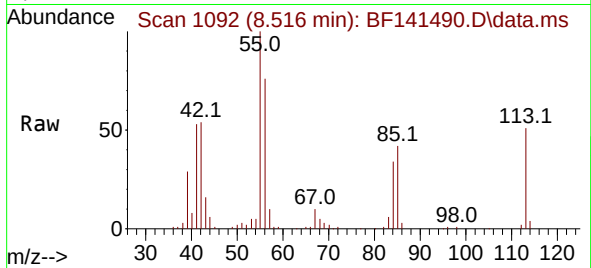
227 62.9 51.0 76.6





#35
Caprolactam
Concen: 47.812 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

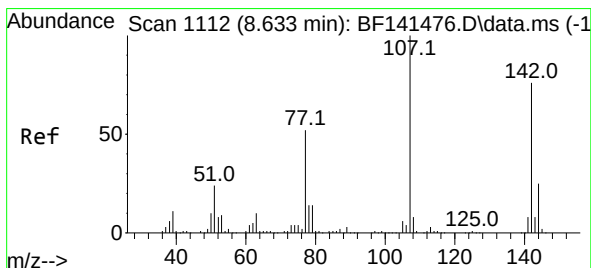
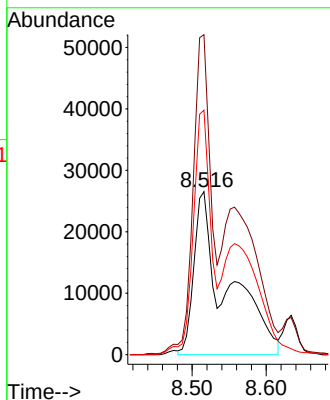
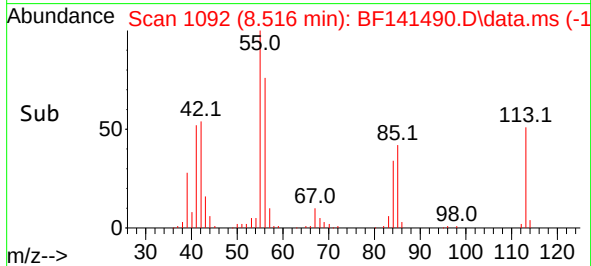
Instrument :
BNA_F
ClientSampleId :
WC-5MS



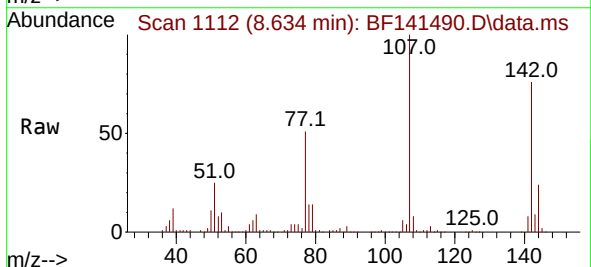
Tgt Ion:113 Resp: 82198
Ion Ratio Lower Upper
113 100
55 196.4 180.8 220.8
56 150.0 133.6 173.6

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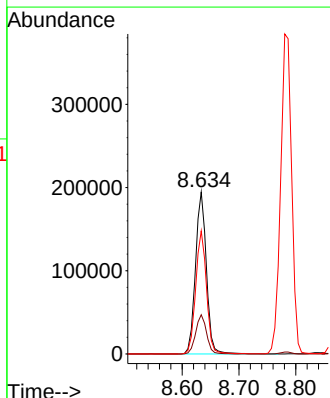
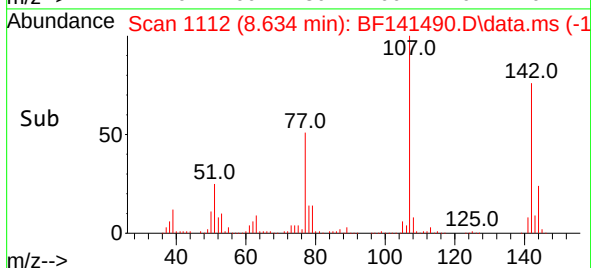
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

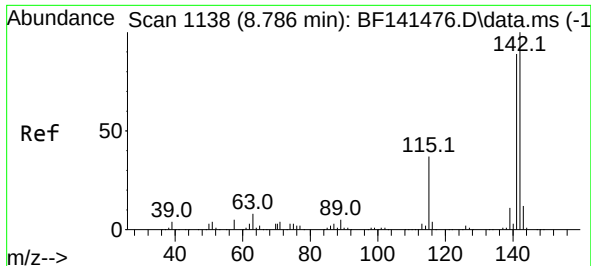


#36
4-Chloro-3-methylphenol
Concen: 41.700 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:107 Resp: 260820
Ion Ratio Lower Upper
107 100
144 24.3 19.7 29.5
142 76.0 60.8 91.2





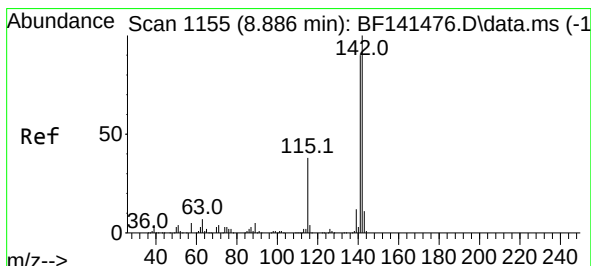
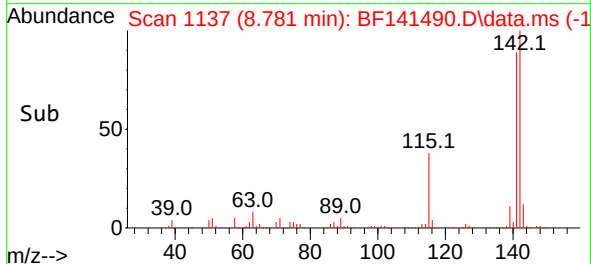
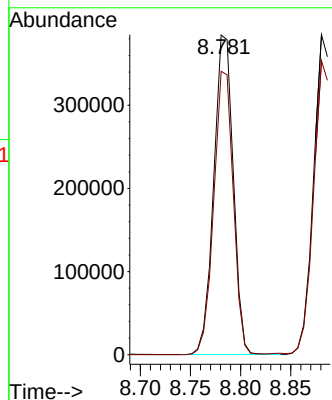
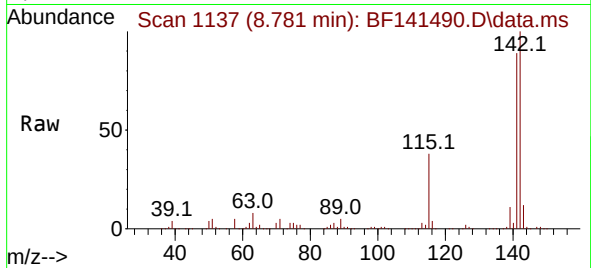
#37
2-Methylnaphthalene
Concen: 39.917 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:142 Resp: 520020
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8

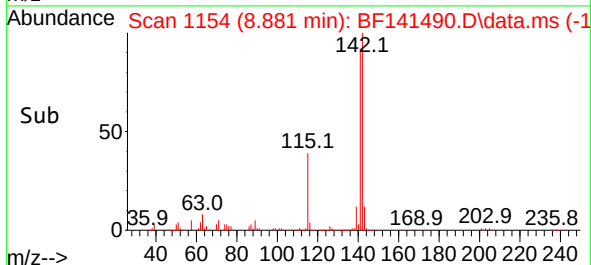
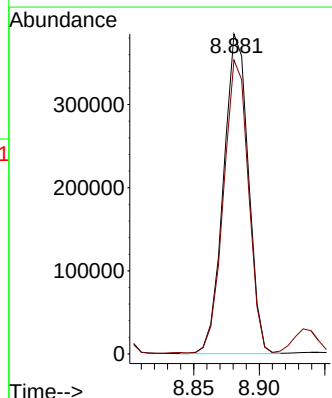
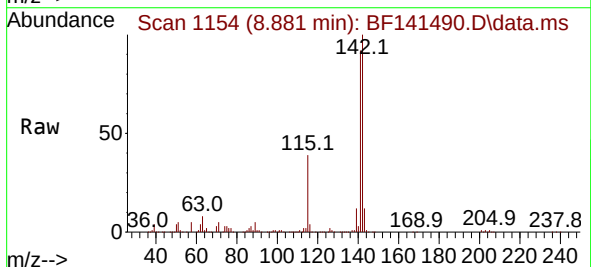
Manual Integrations
APPROVED

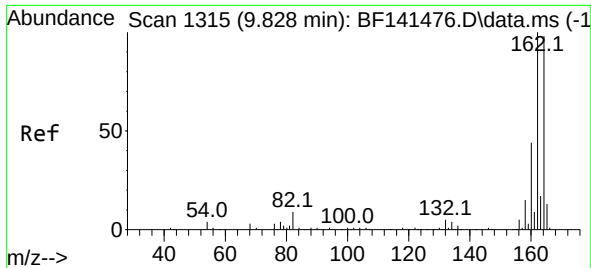
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 40.079 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

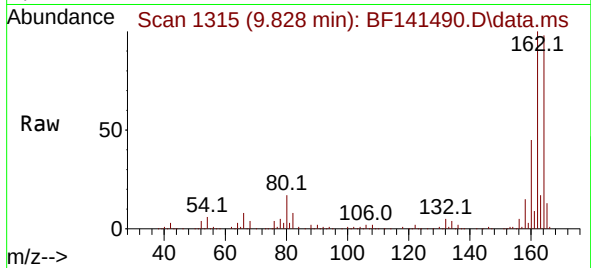
Tgt Ion:142 Resp: 505697
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11315
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

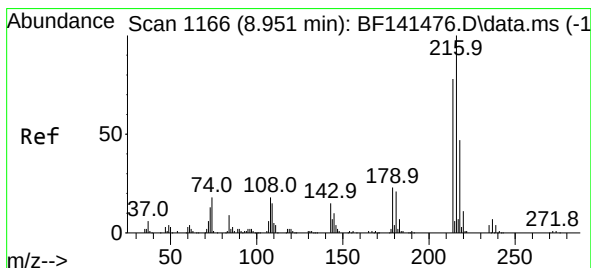
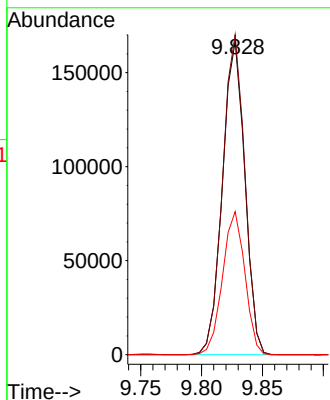
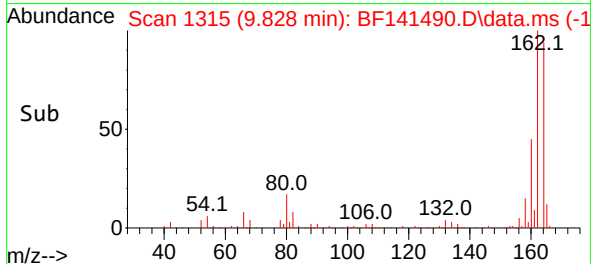
Instrument :
BNA_F
ClientSampleId :
WC-5MS



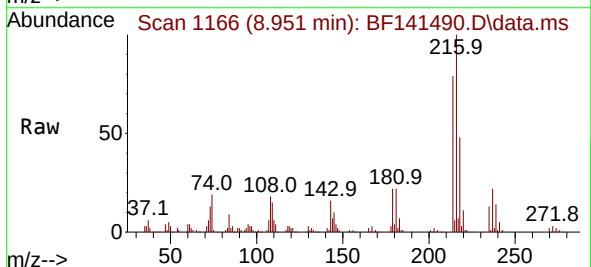
Tgt Ion:164 Resp: 213024
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.7 35.9 53.9

Manual Integrations
APPROVED

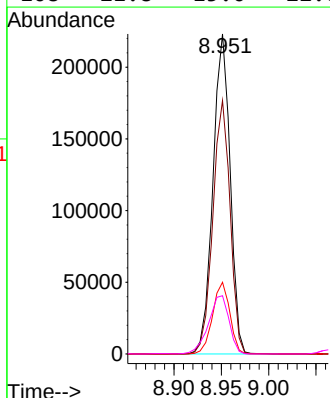
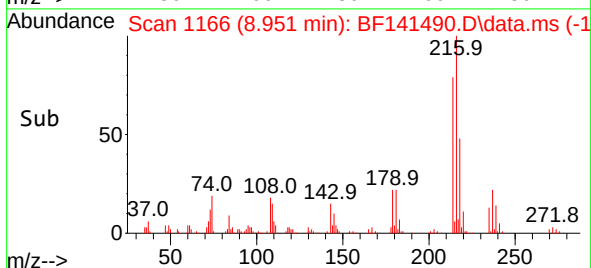
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

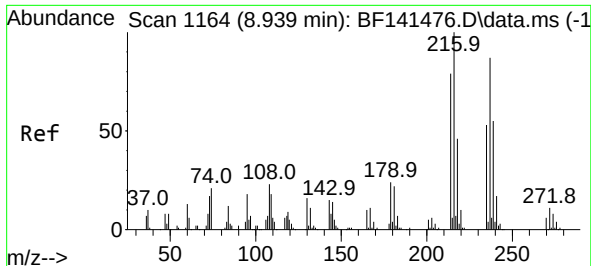


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.609 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



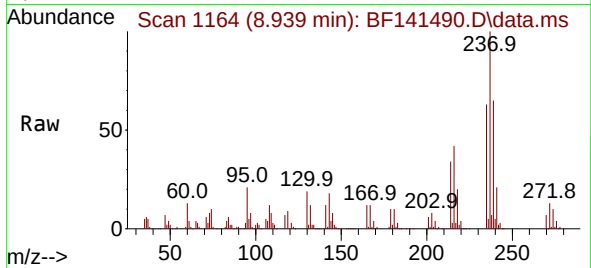
Tgt Ion:216 Resp: 281089
Ion Ratio Lower Upper
216 100
214 79.5 62.3 93.5
179 22.4 18.0 27.0
108 21.8 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 150.772 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

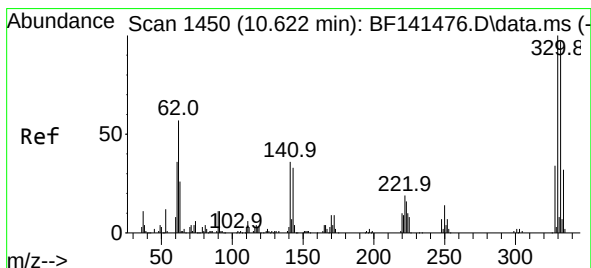
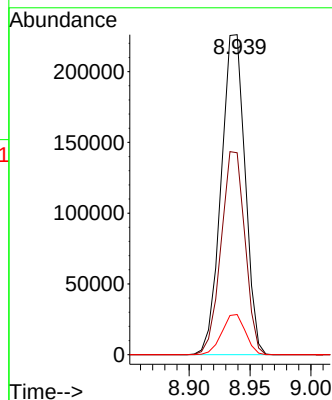
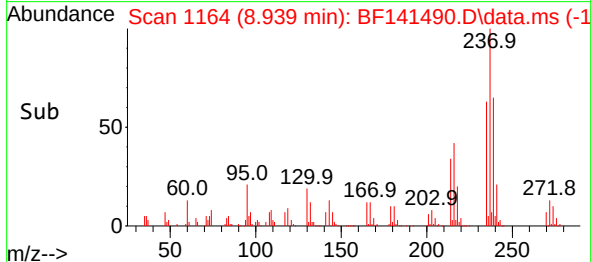
Instrument :
BNA_F
ClientSampleId :
WC-5MS



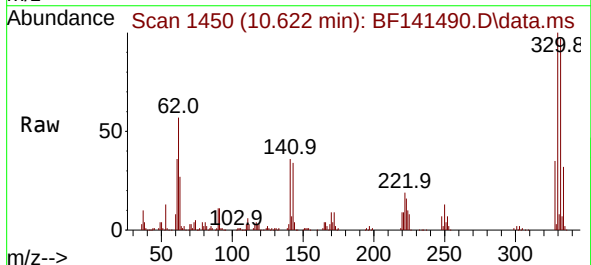
Tgt Ion:237 Resp: 309064
Ion Ratio Lower Upper
237 100
235 63.1 41.4 81.4
272 12.6 0.0 32.4

Manual Integrations
APPROVED

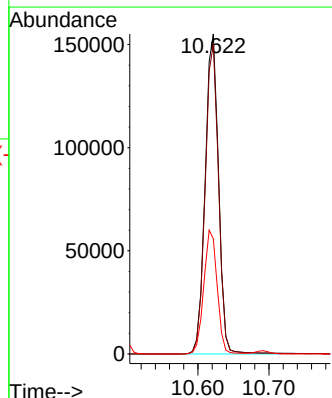
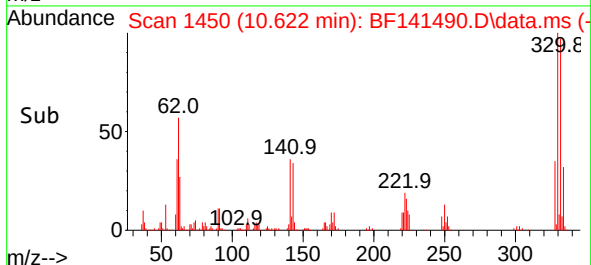
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

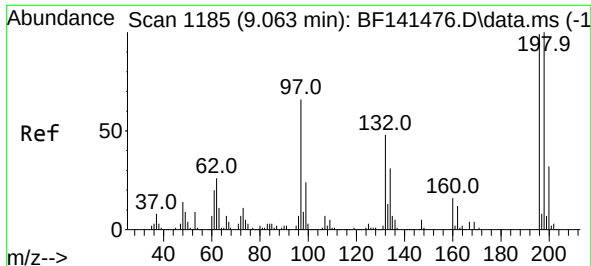


#42
2,4,6-Tribromophenol
Concen: 95.444 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:330 Resp: 204242
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 38.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.328 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:196 Resp: 16860

Ion Ratio Lower Upper

196 100

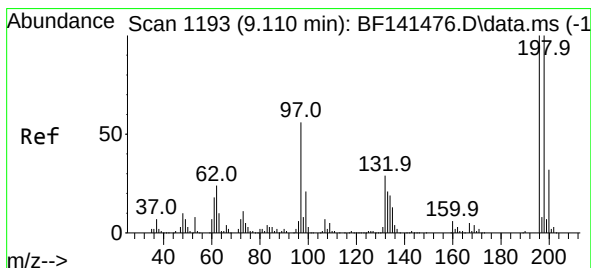
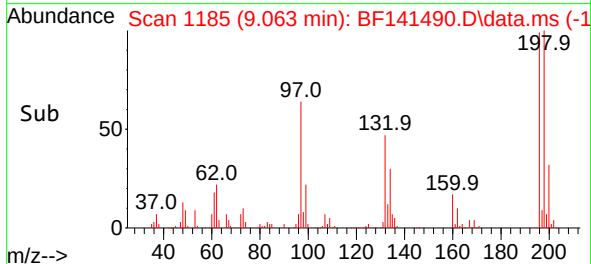
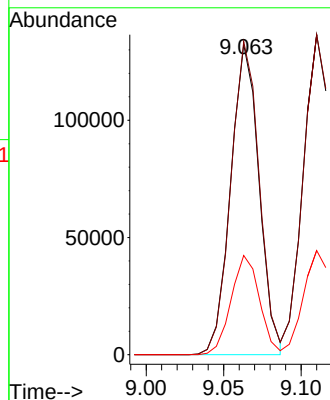
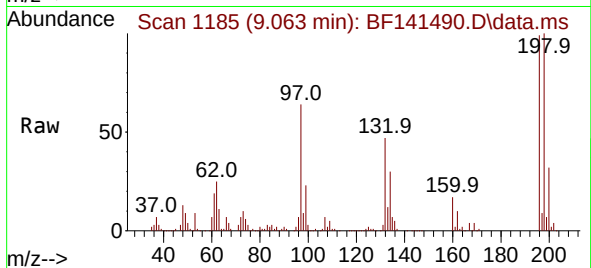
198 100.9 80.6 121.0

200 32.0 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: 41.775 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Tgt Ion:196 Resp: 180339

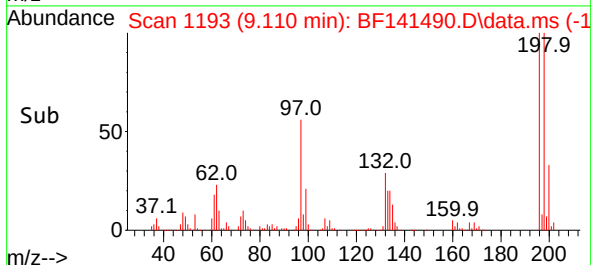
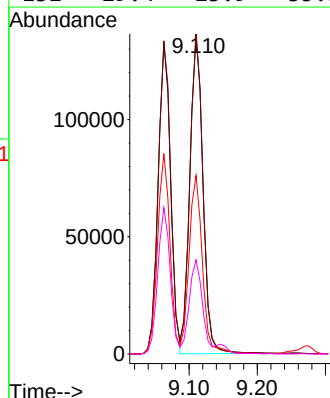
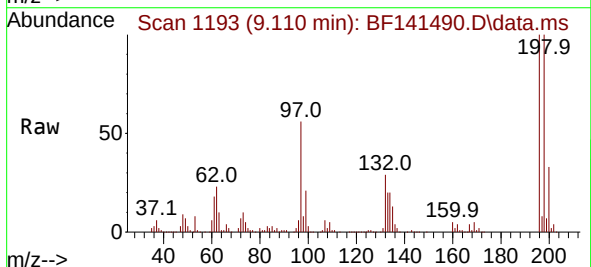
Ion Ratio Lower Upper

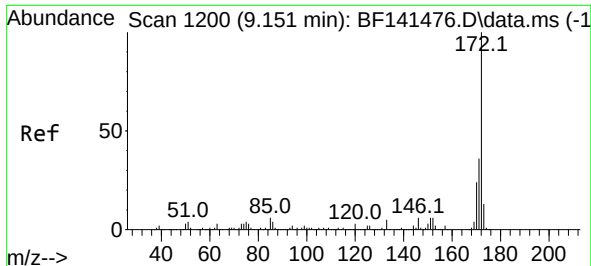
196 100

198 100.0 79.8 119.8

97 55.8 44.8 67.2

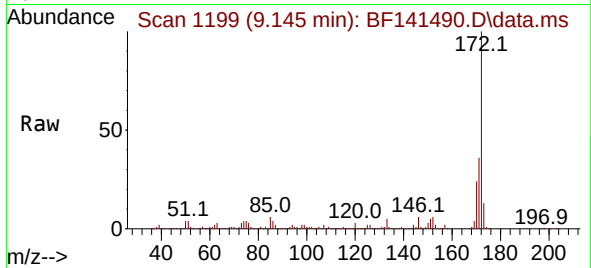
132 29.4 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 63.500 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

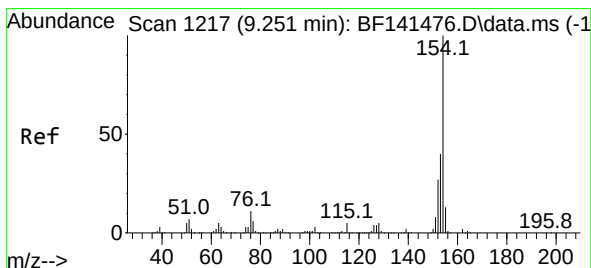
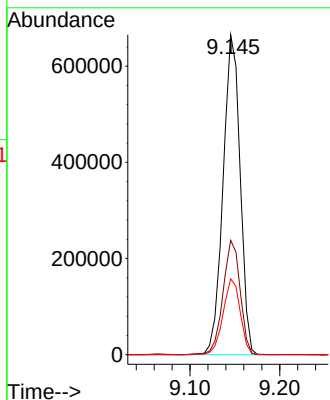
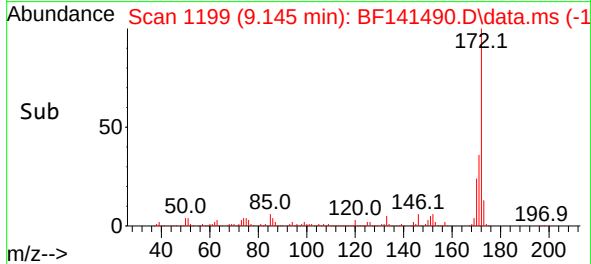
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:172 Resp: 878009
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.7 18.9 28.3

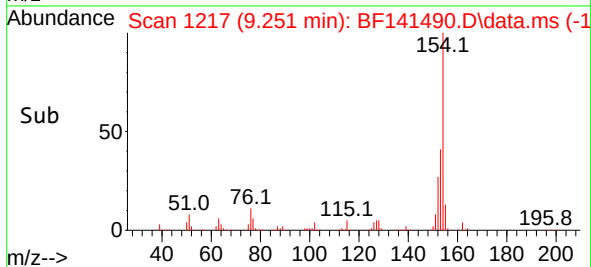
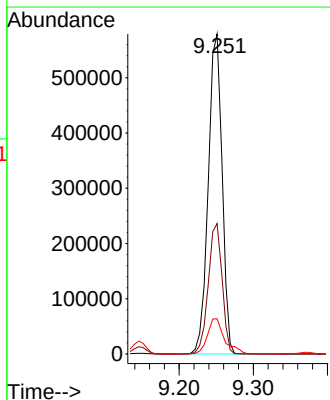
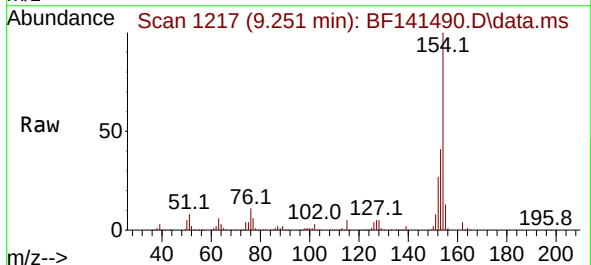
Manual Integrations
APPROVED

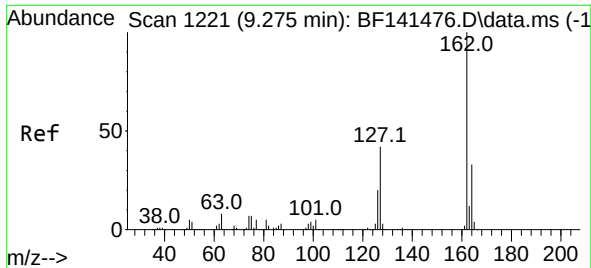
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#46
1,1'-Biphenyl
Concen: 45.425 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

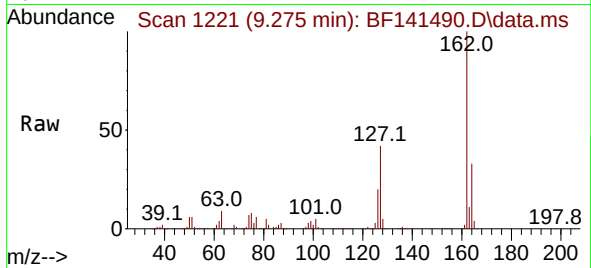
Tgt Ion:154 Resp: 750217
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 30.8





#47
2-Chloronaphthalene
Concen: 41.829 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

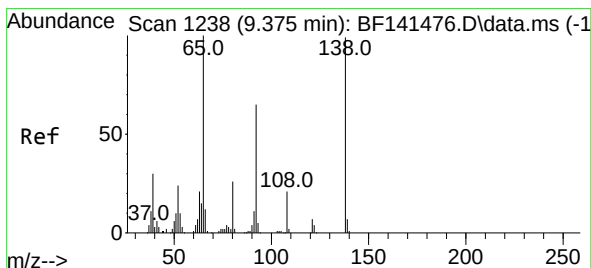
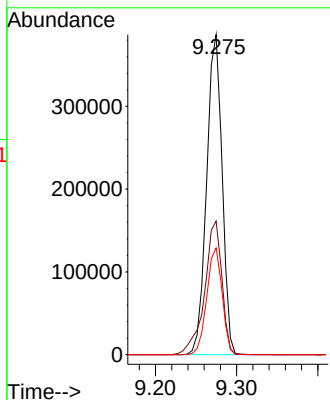
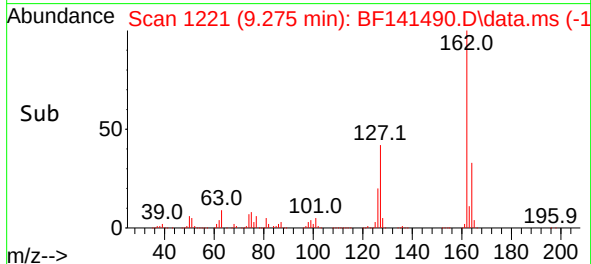
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:162 Resp: 51084
Ion Ratio Lower Upper
162 100
127 41.7 34.1 51.1
164 33.3 26.3 39.5

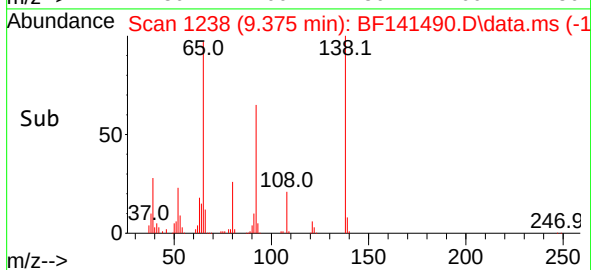
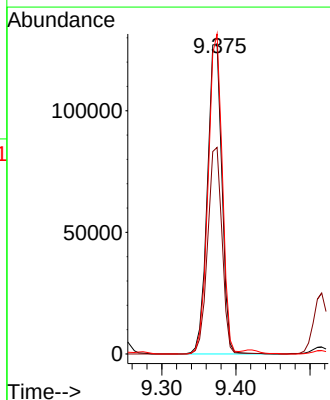
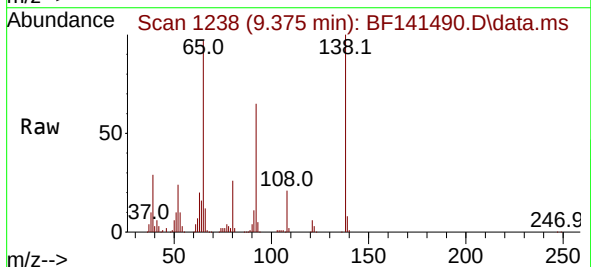
Manual Integrations
APPROVED

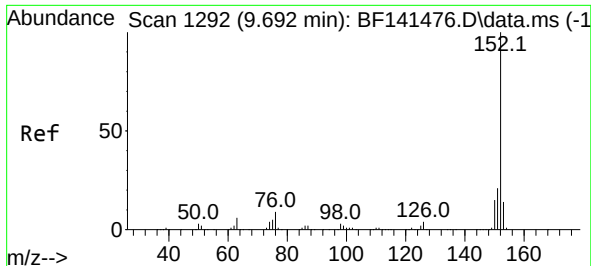
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#48
2-Nitroaniline
Concen: 42.392 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion: 65 Resp: 173747
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.2
138 103.2 79.5 119.3





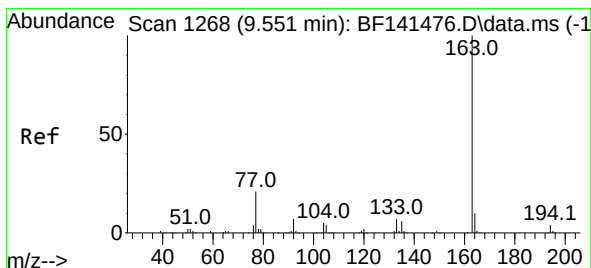
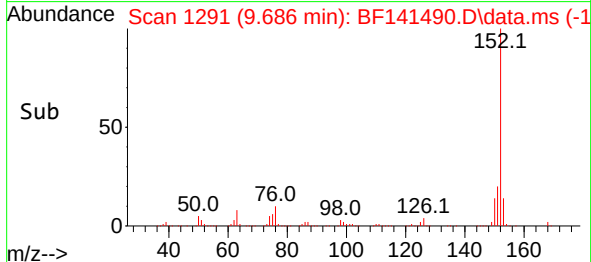
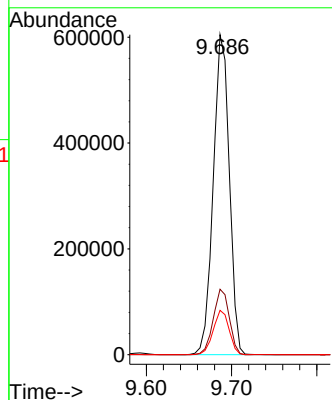
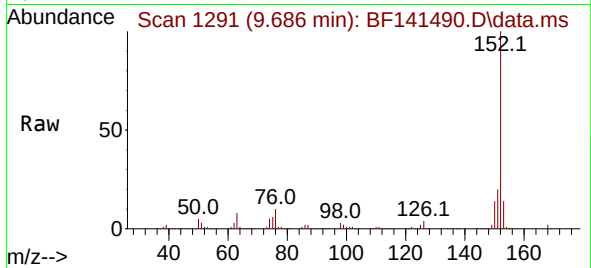
#49
Acenaphthylene
Concen: 43.551 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:152 Resp: 79109
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.8 10.9 16.3

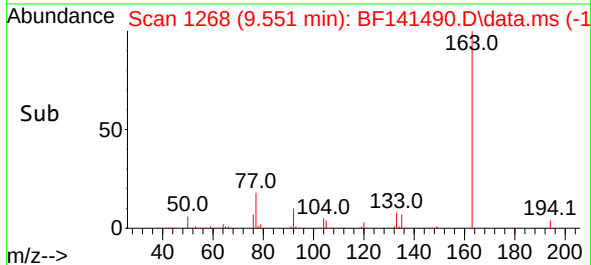
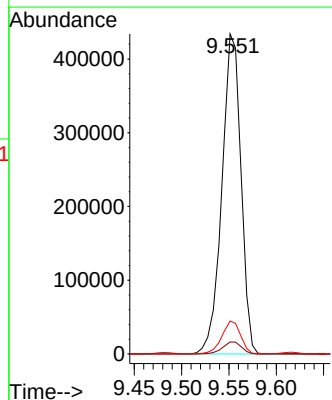
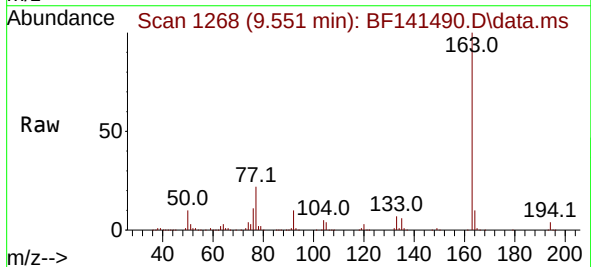
Manual Integrations
APPROVED

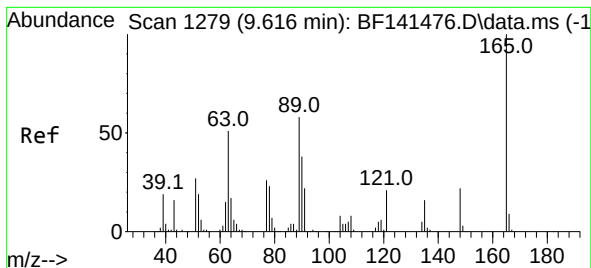
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#50
Dimethylphthalate
Concen: 42.087 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:163 Resp: 608654
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 7.9 11.9





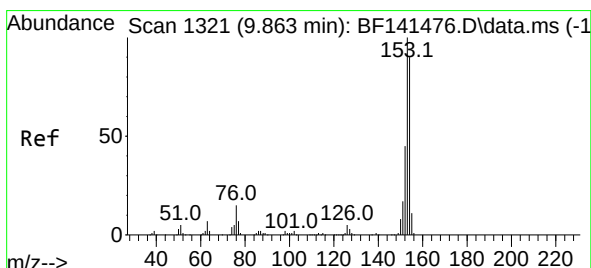
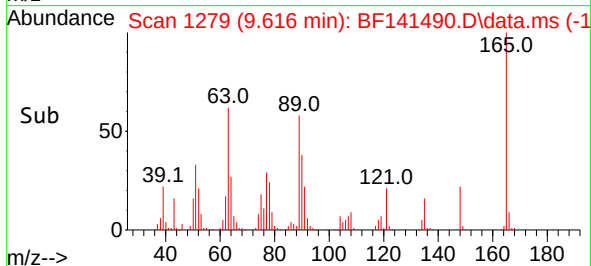
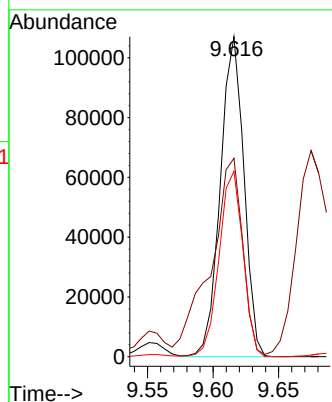
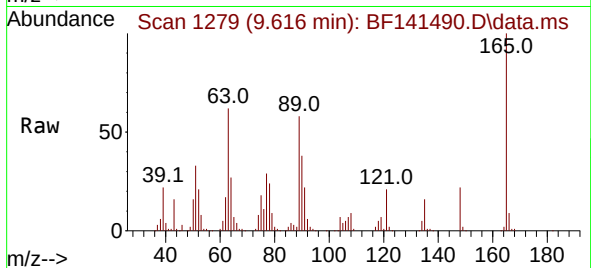
#51
2,6-Dinitrotoluene
Concen: 42.268 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:165 Resp: 133620
Ion Ratio Lower Upper
165 100
63 62.0 49.4 74.0
89 58.0 46.5 69.7

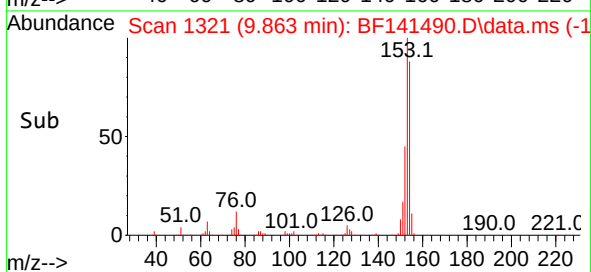
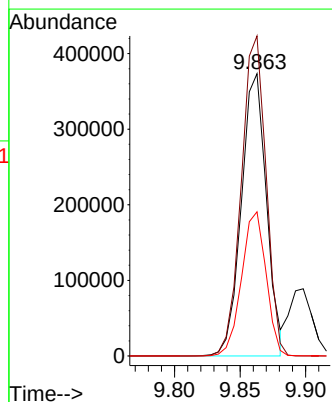
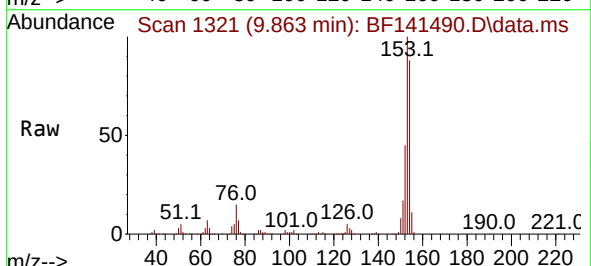
Manual Integrations
APPROVED

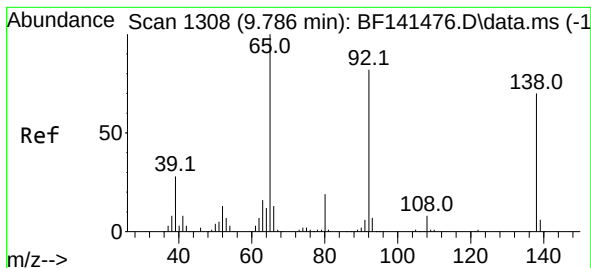
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 40.804 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

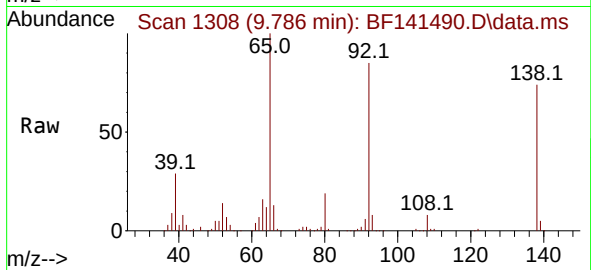
Tgt Ion:154 Resp: 498298
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 51.1 39.8 59.8





#53
3-Nitroaniline
Concen: 37.232 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

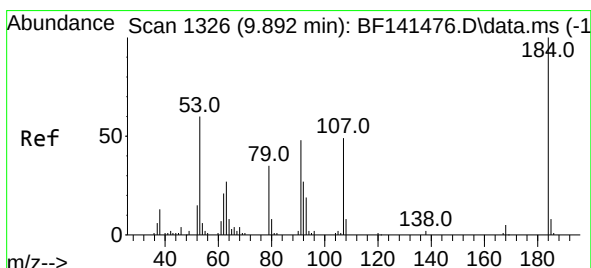
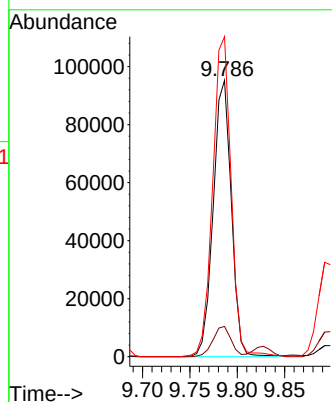
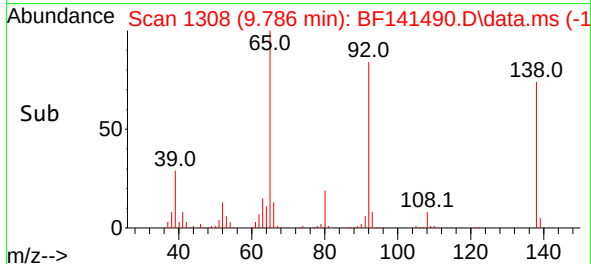
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:138 Resp: 12668
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 115.8 93.7 140.5

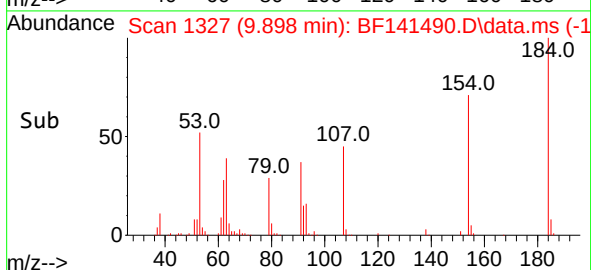
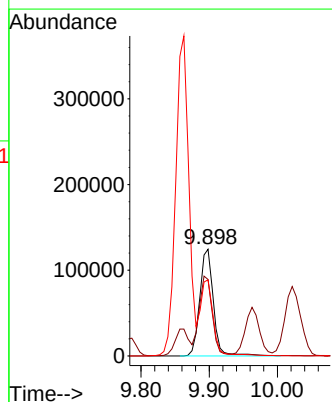
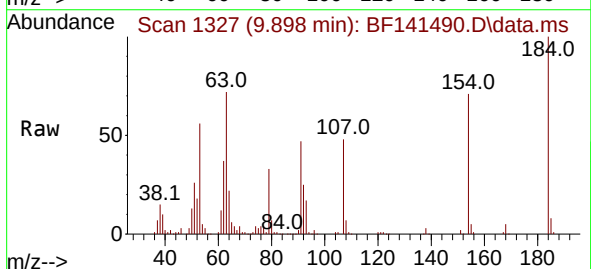
Manual Integrations
APPROVED

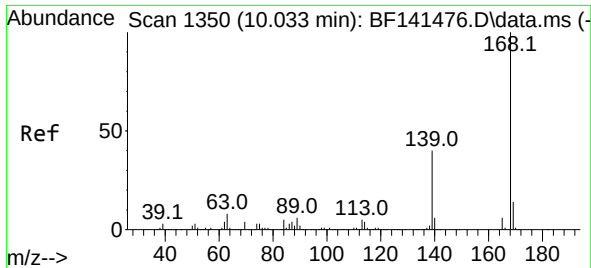
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 92.359 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:184 Resp: 173535
Ion Ratio Lower Upper
184 100
63 71.7 61.0 91.6
154 71.4 59.9 89.9





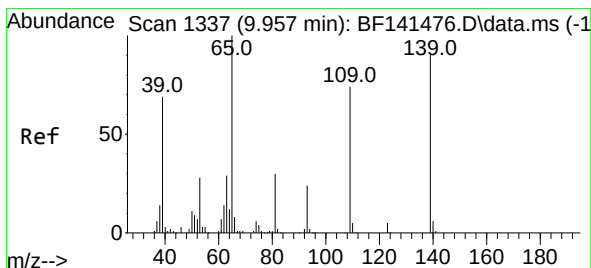
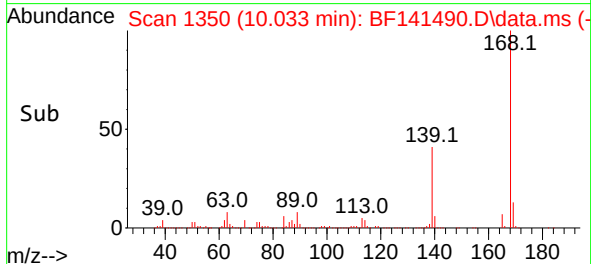
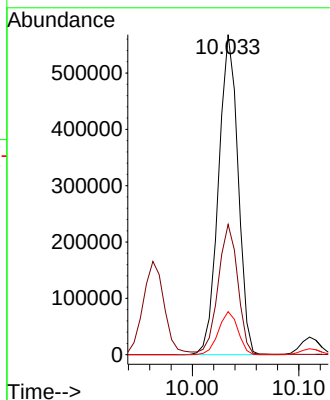
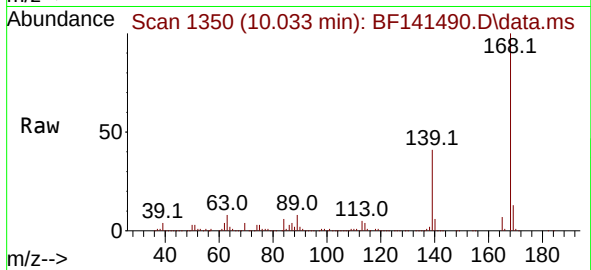
#55
Dibenzenofuran
Concen: 40.286 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:168 Resp: 722130
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.5 10.8 16.2

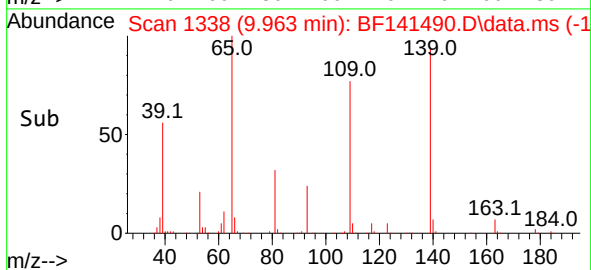
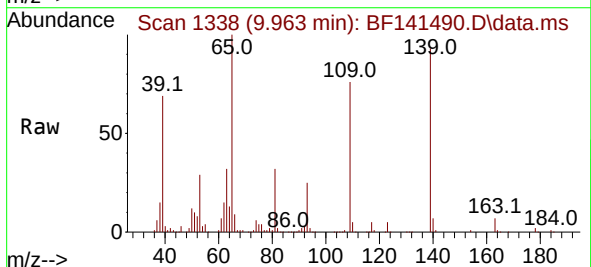
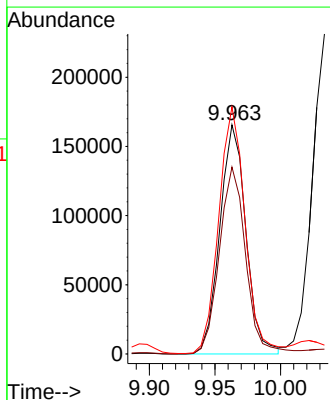
Manual Integrations
APPROVED

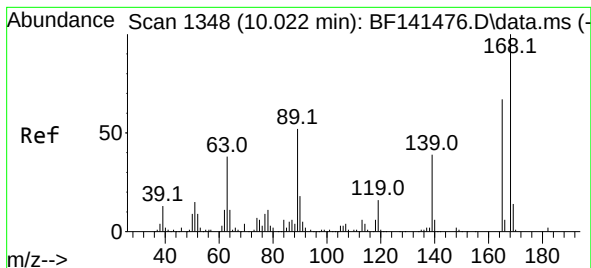
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#56
4-Nitrophenol
Concen: 90.620 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

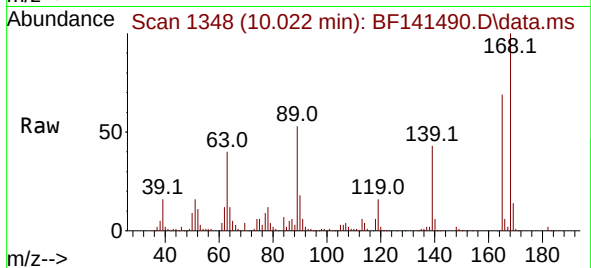
Tgt Ion:139 Resp: 228895
Ion Ratio Lower Upper
139 100
109 81.6 62.0 102.0
65 107.8 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 43.345 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

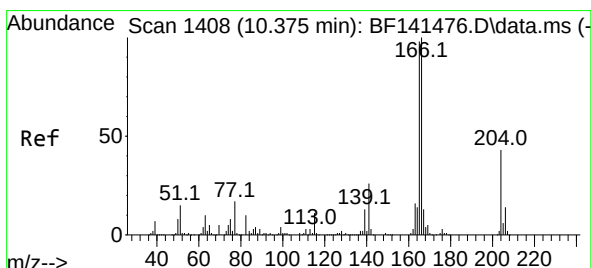
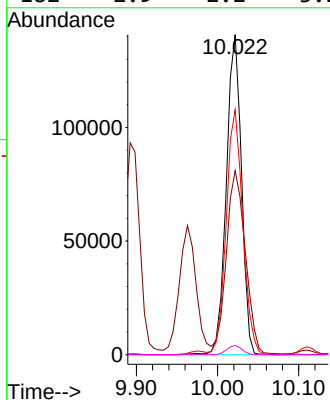
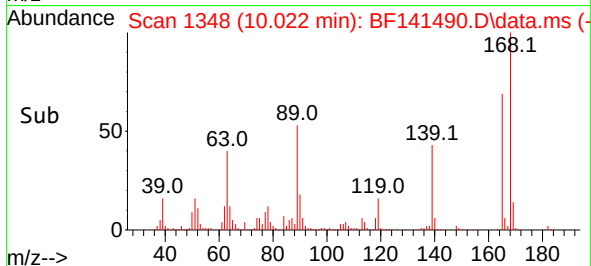
Instrument :
BNA_F
ClientSampleId :
WC-5MS



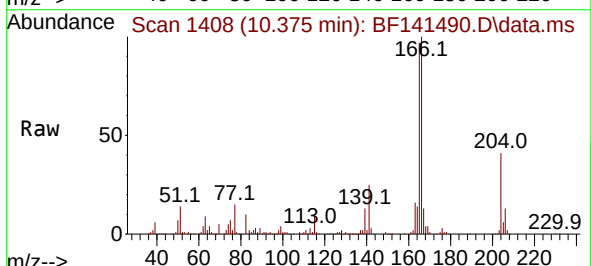
Tgt Ion:165 Resp: 182424
Ion Ratio Lower Upper
165 100
63 57.5 46.4 69.6
89 76.5 61.8 92.6
182 2.9 2.2 3.2

Manual Integrations
APPROVED

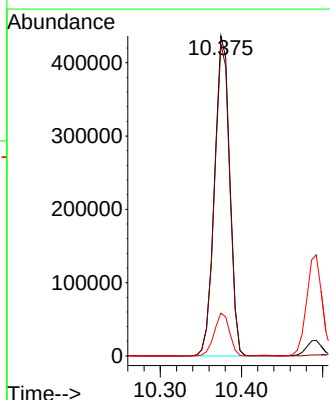
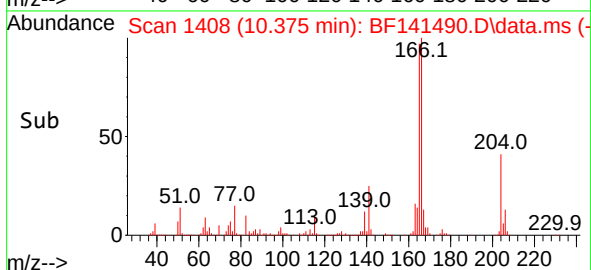
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

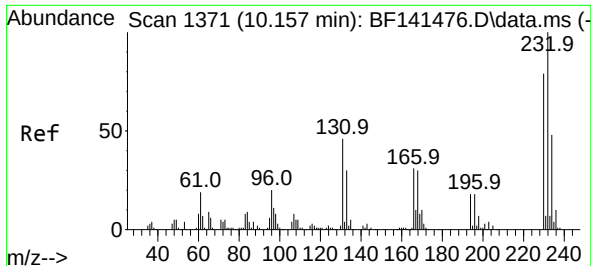


#58
Fluorene
Concen: 41.119 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



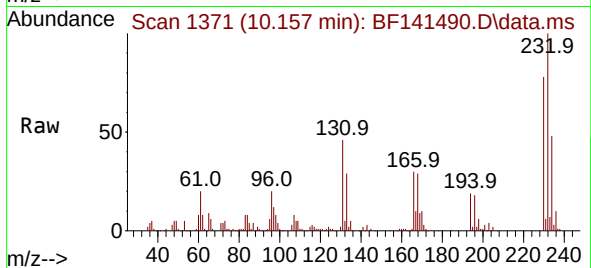
Tgt Ion:166 Resp: 569890
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.493 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

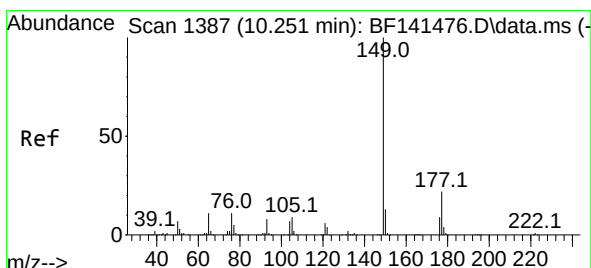
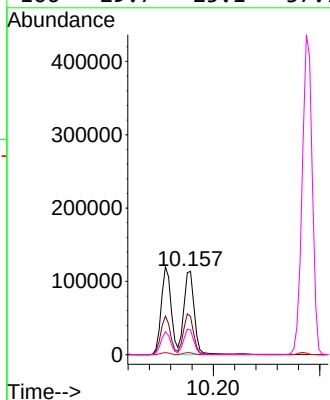
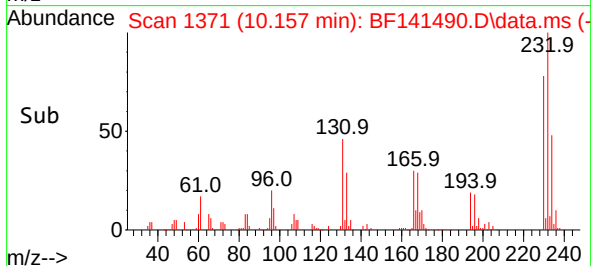
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:232 Resp: 15421
Ion Ratio Lower Upper
232 100
131 46.4 39.2 58.8
130 2.5 2.1 3.1
166 29.7 25.1 37.7

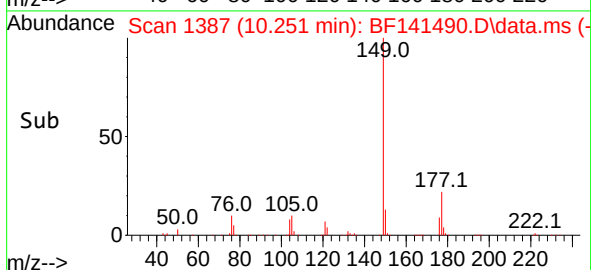
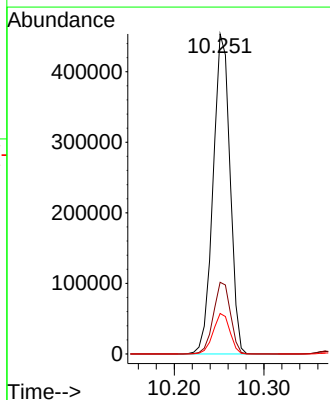
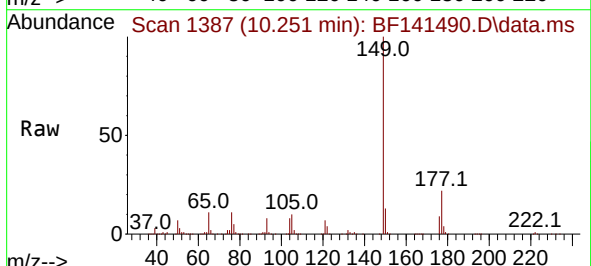
Manual Integrations
APPROVED

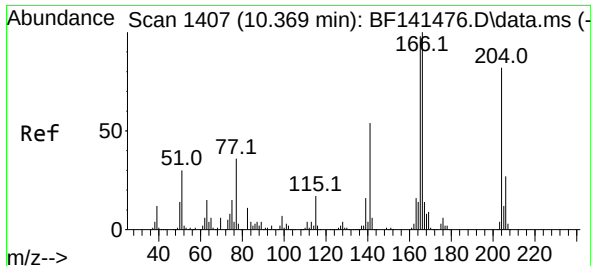
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#60
Diethylphthalate
Concen: 41.693 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

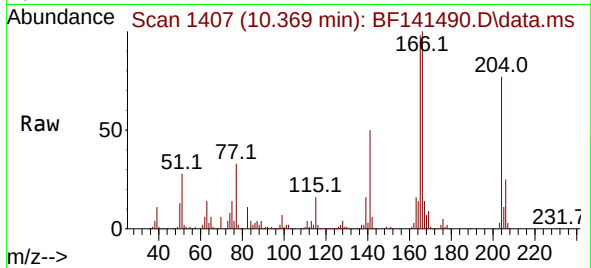
Tgt Ion:149 Resp: 593234
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.318 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

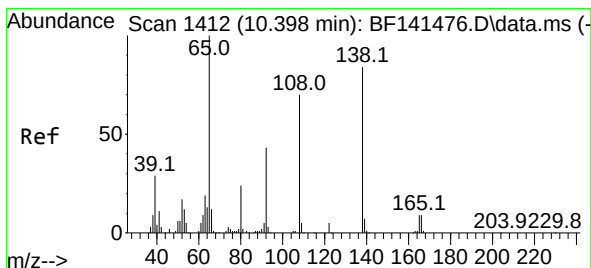
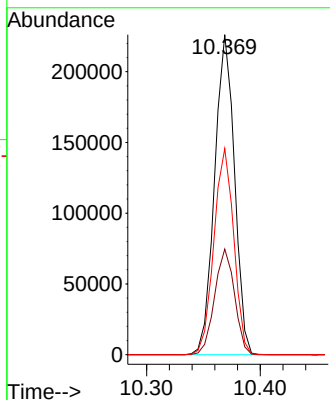
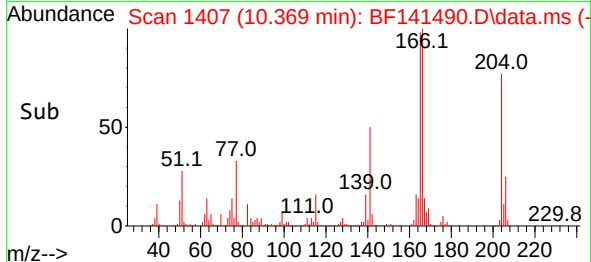
Instrument :
BNA_F
ClientSampleId :
WC-5MS



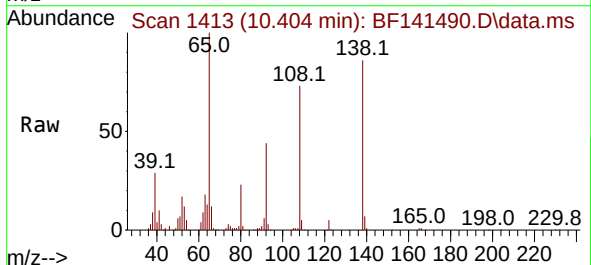
Tgt Ion:204 Resp: 275499
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 64.4 51.9 77.9

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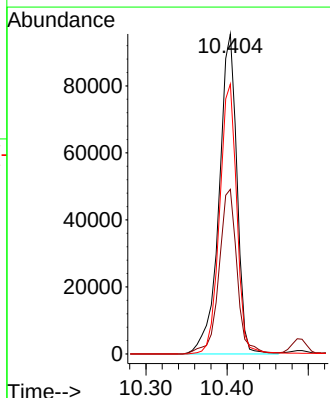
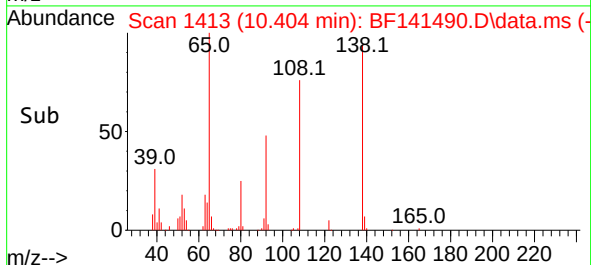
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

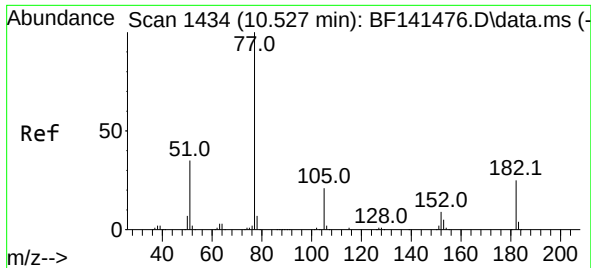


#62
4-Nitroaniline
Concen: 42.312 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:138 Resp: 146192
Ion Ratio Lower Upper
138 100
92 51.5 31.3 71.3
108 84.3 63.7 103.7





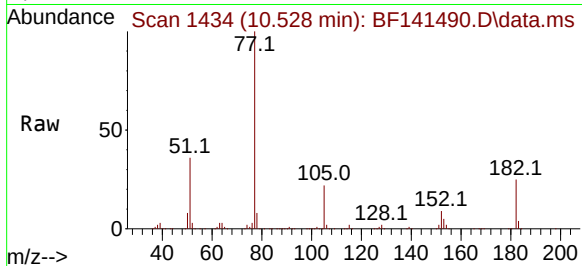
#63
Azobenzene
Concen: 44.338 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

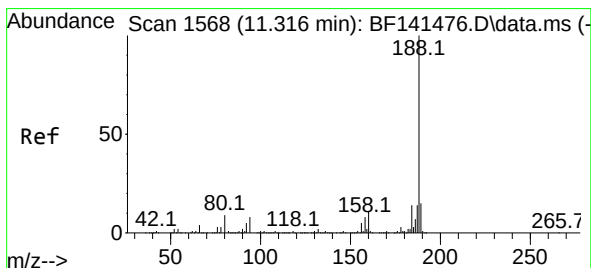
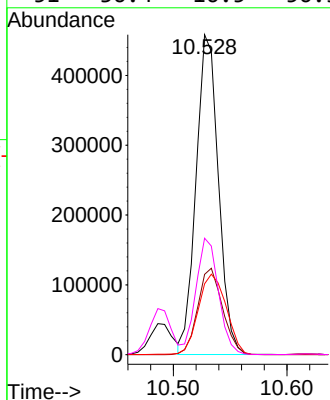
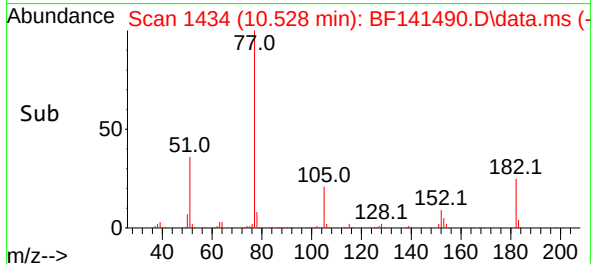


Tgt Ion: 77 Resp: 62715
Ion Ratio Lower Upper
77 100
182 25.1 4.7 44.7
105 22.2 0.4 40.4
51 36.4 16.5 56.5

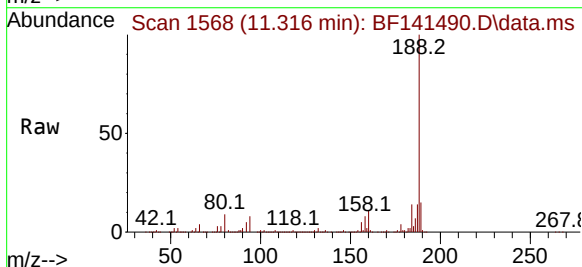
Manual Integrations

APPROVED

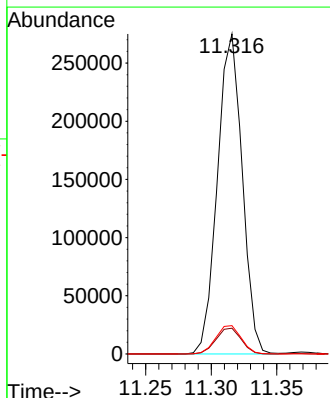
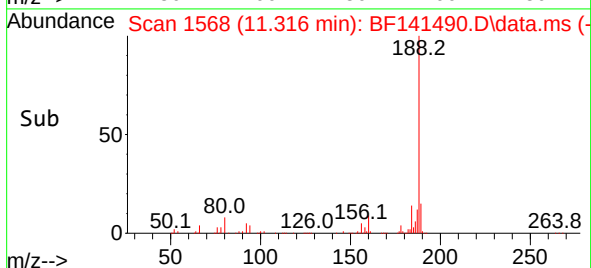
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

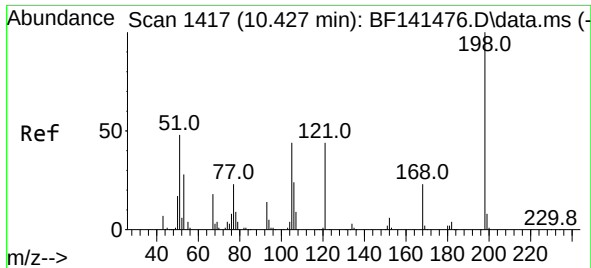


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:188 Resp: 361178
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.8 7.3 10.9





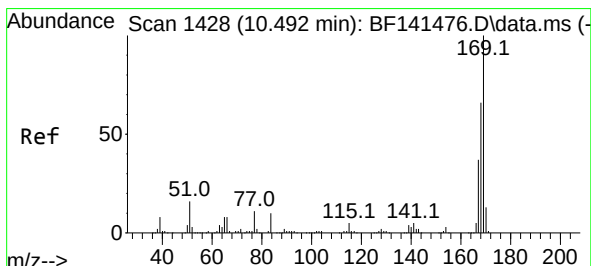
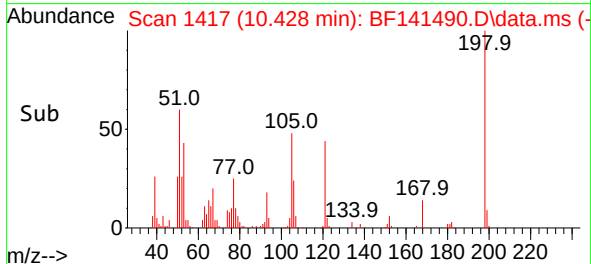
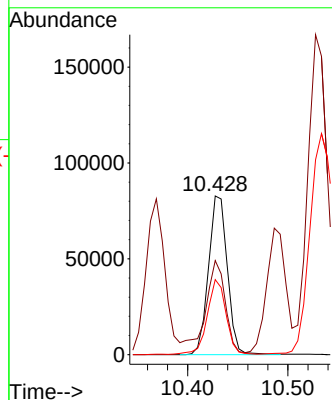
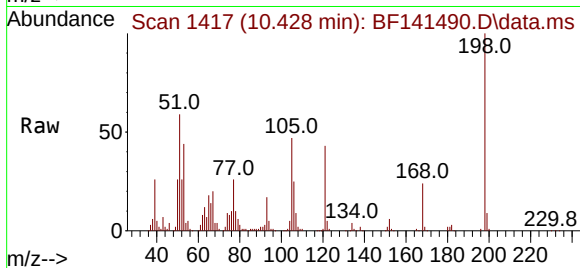
#65
4,6-Dinitro-2-methylphenol
Concen: 43.141 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:198 Resp: 108238
Ion Ratio Lower Upper
198 100
51 59.3 37.4 77.4
105 47.3 25.2 65.2

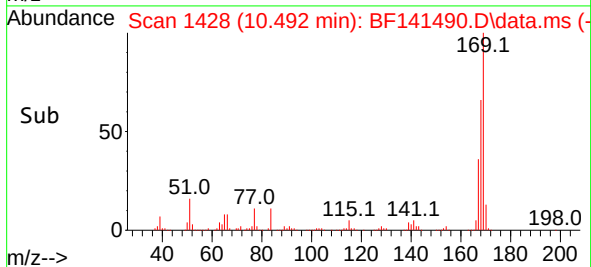
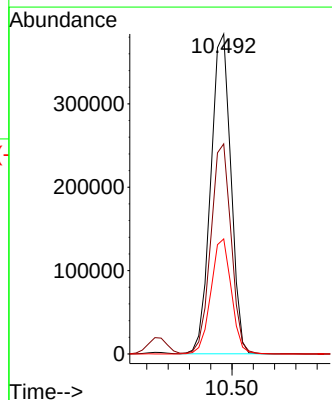
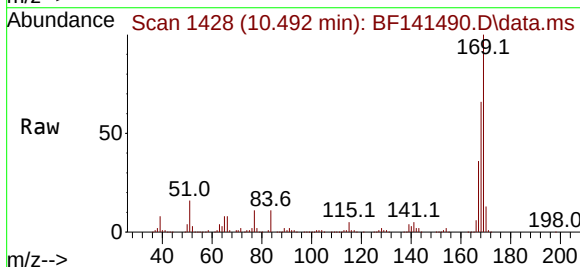
Manual Integrations
APPROVED

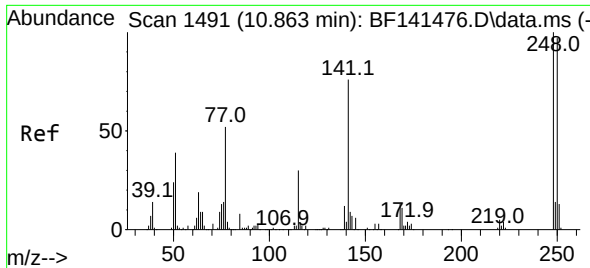
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 43.577 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

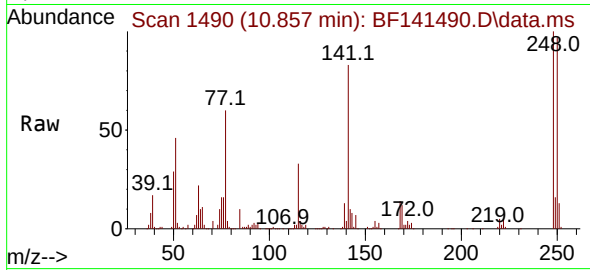
Tgt Ion:169 Resp: 503827
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 42.853 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

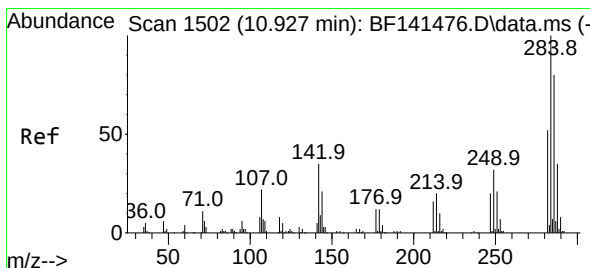
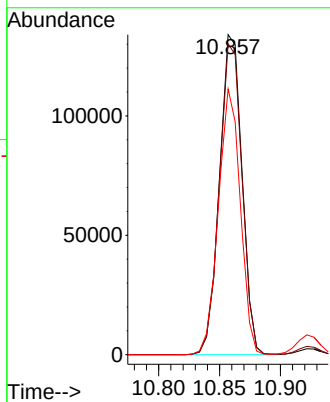
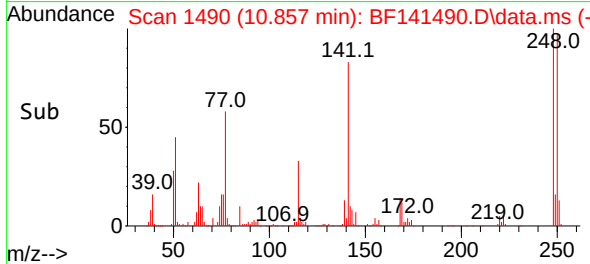
Instrument :
BNA_F
ClientSampleId :
WC-5MS



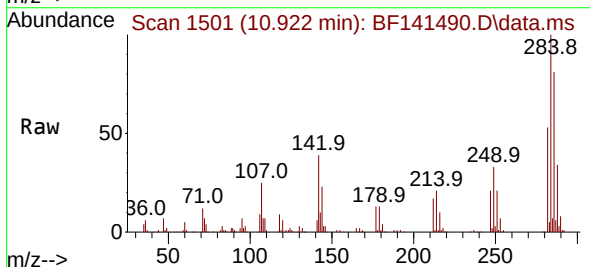
Tgt Ion:248 Resp: 172984
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 83.0 60.6 90.8

Manual Integrations
APPROVED

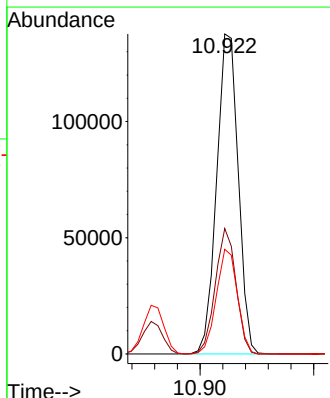
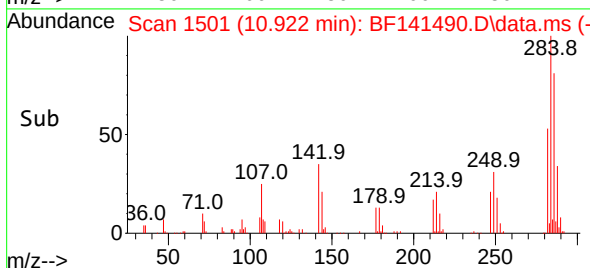
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

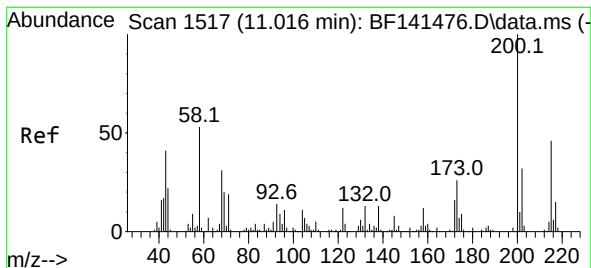


#68
Hexachlorobenzene
Concen: 43.726 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:284 Resp: 181753
Ion Ratio Lower Upper
284 100
142 39.2 28.0 42.0
249 32.7 25.8 38.8





#69

Atrazine

Concen: 54.661 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

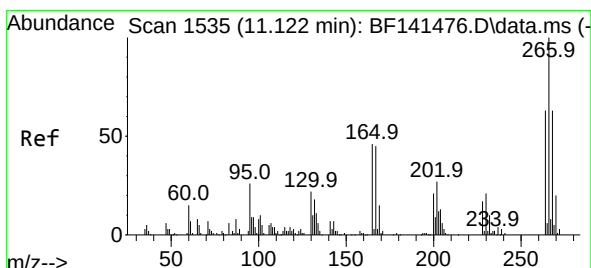
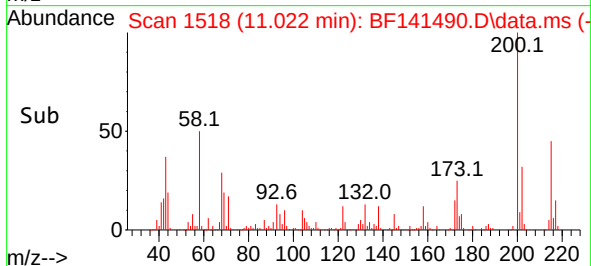
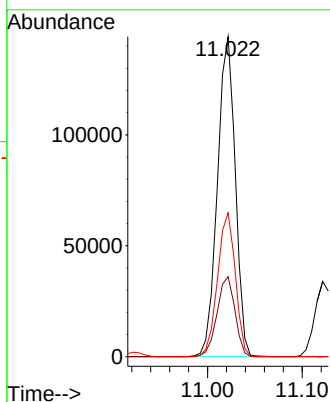
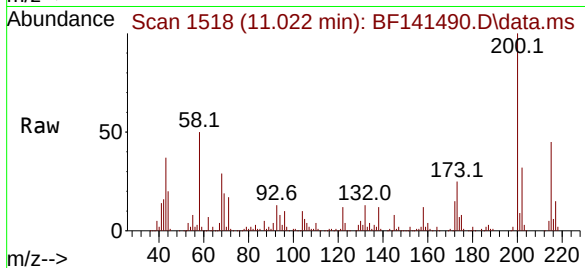
WC-5MS

Tgt Ion:200 Resp: 189594
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.9 45.9
 215 44.9 25.9 65.9

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 87.021 ng

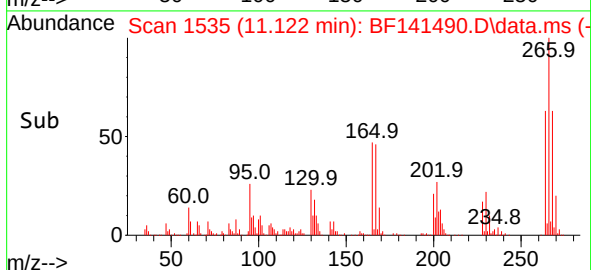
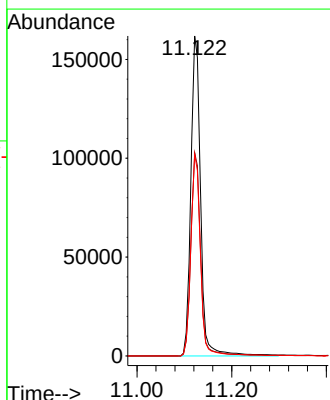
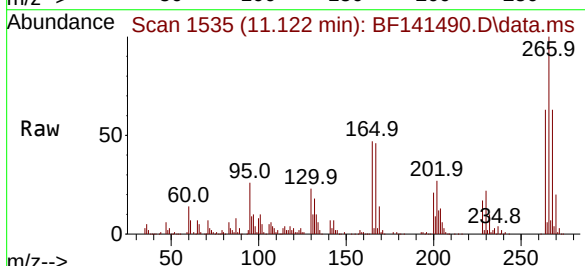
RT: 11.122 min Scan# 1535

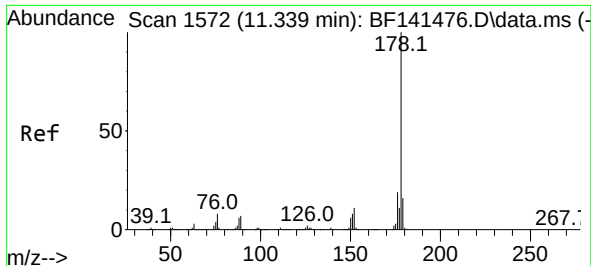
Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Tgt Ion:266 Resp: 231289
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.1 75.1
 264 62.9 50.1 75.1





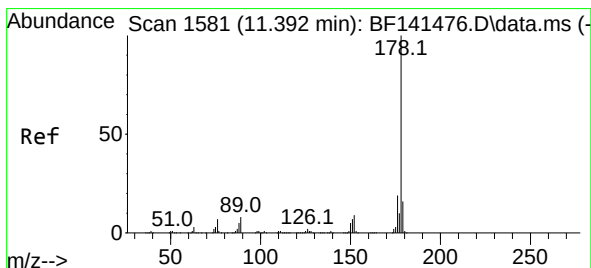
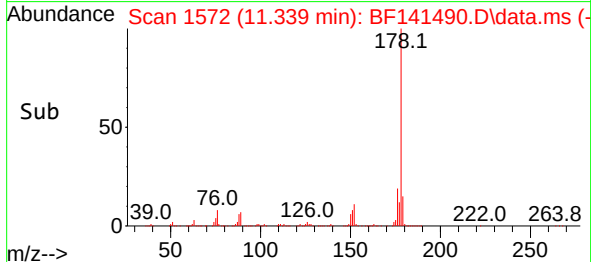
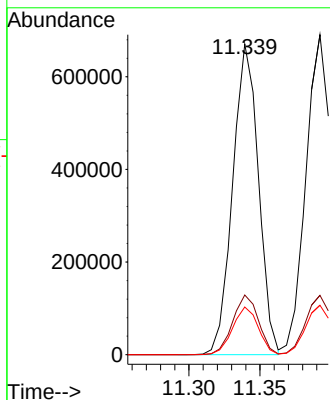
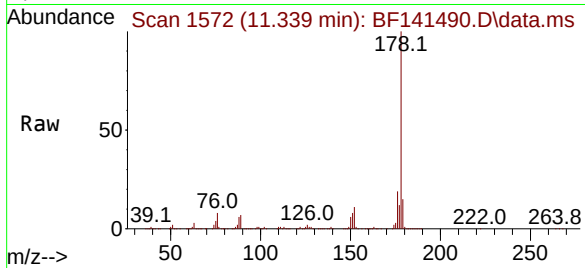
#71
Phenanthrene
Concen: 42.553 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:178 Resp: 846015
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6

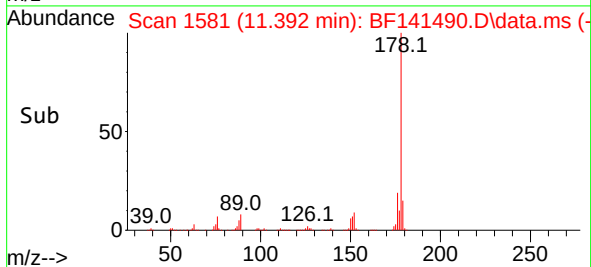
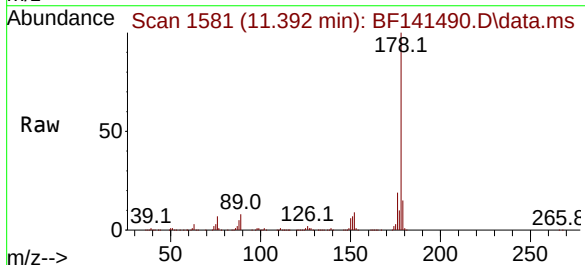
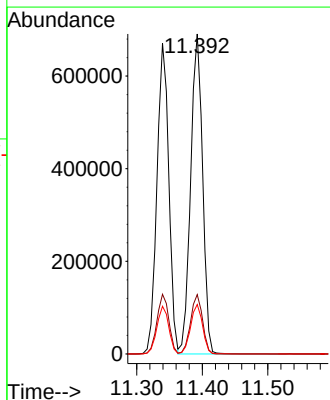
Manual Integrations
APPROVED

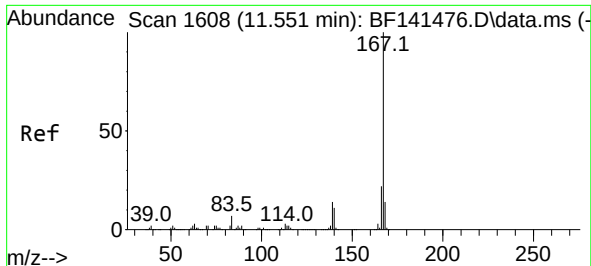
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 43.838 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

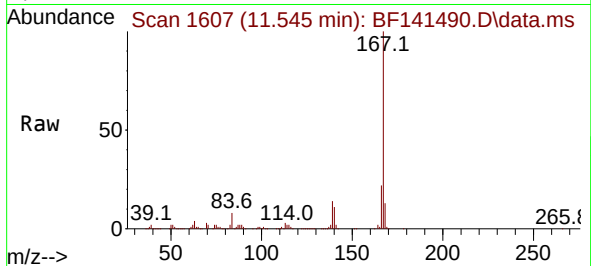
Tgt Ion:178 Resp: 876117
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.128 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

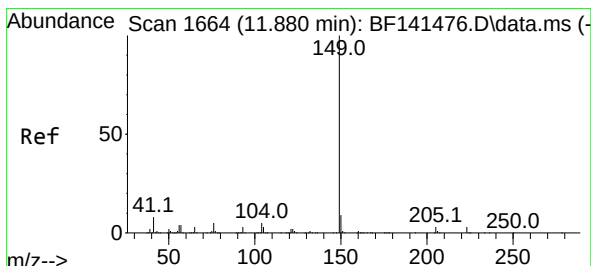
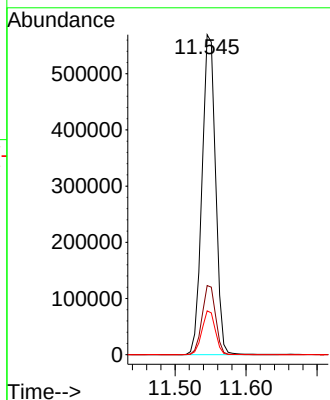
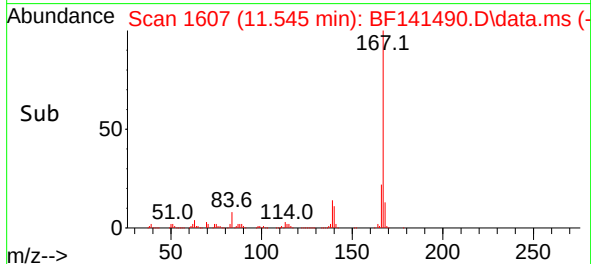
Instrument :
BNA_F
ClientSampleId :
WC-5MS



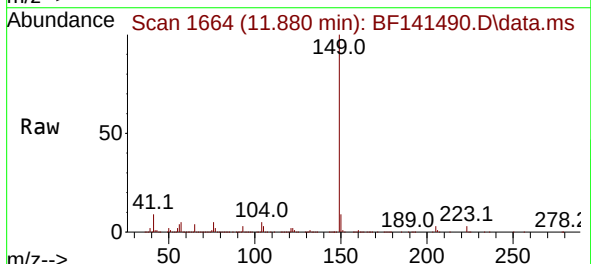
Tgt Ion:167 Resp: 757574
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.7 10.9 16.3

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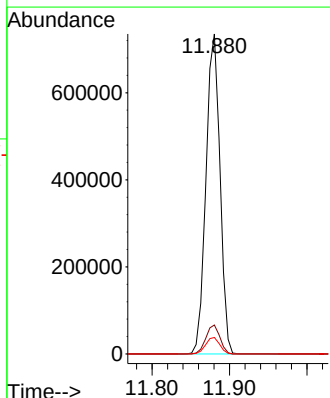
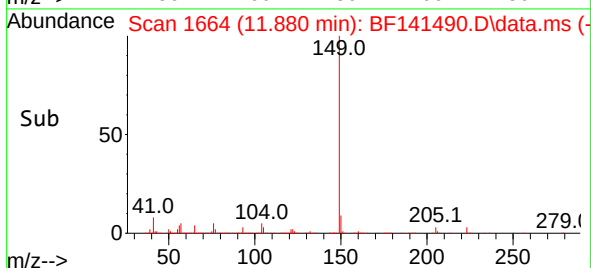
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

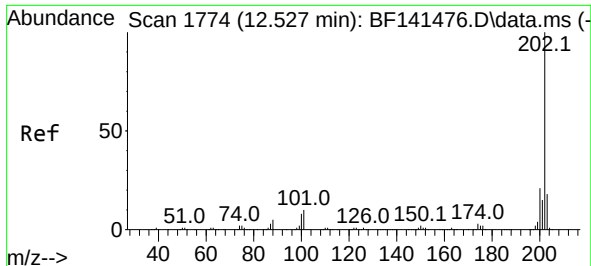


#74
Di-n-butylphthalate
Concen: 44.403 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



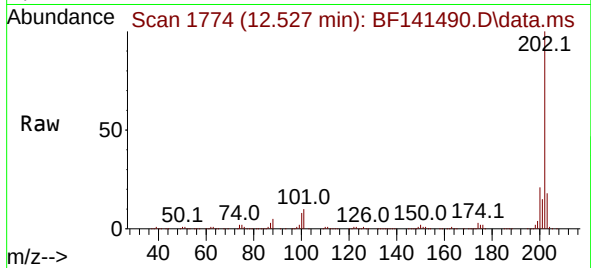
Tgt Ion:149 Resp: 921991
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 41.332 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

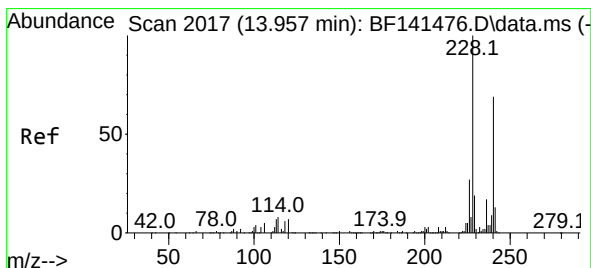
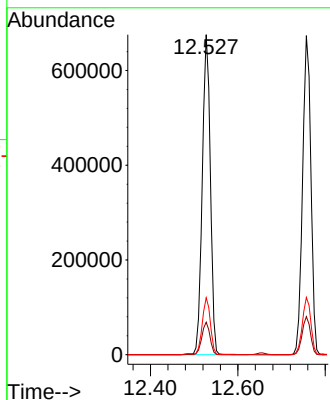
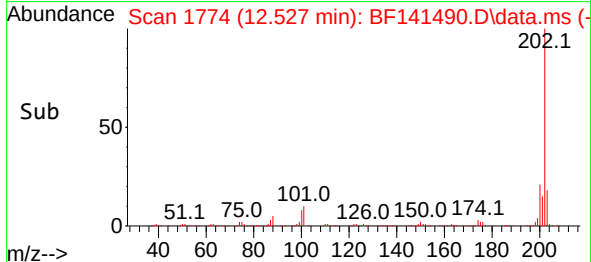
Instrument :
BNA_F
ClientSampleId :
WC-5MS



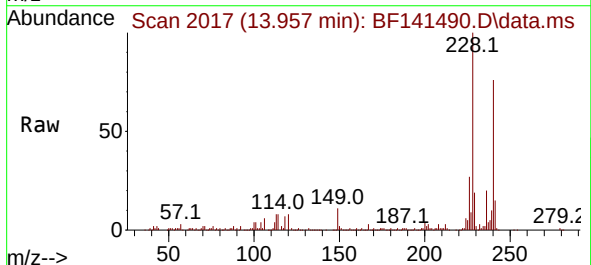
Tgt Ion:202 Resp: 871208
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.8 0.0 37.6

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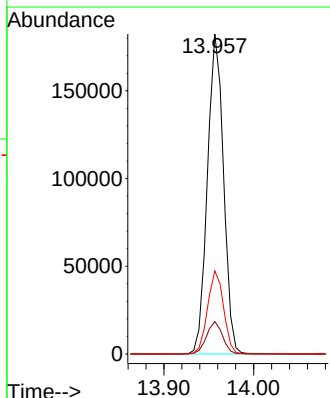
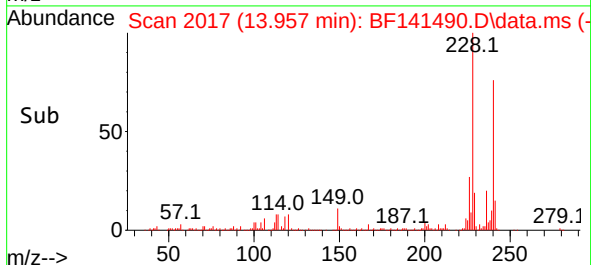
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

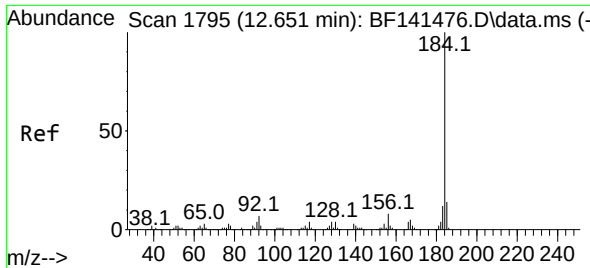


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



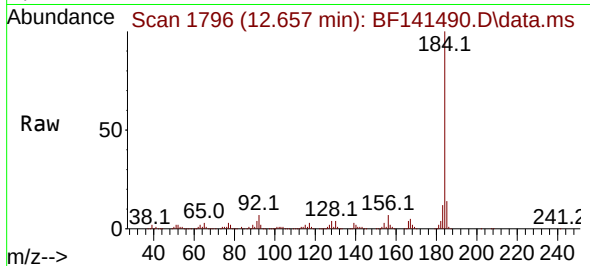
Tgt Ion:240 Resp: 227491
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 26.0 19.8 29.8





#77
Benzidine
Concen: 129.682 ng
RT: 12.657 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

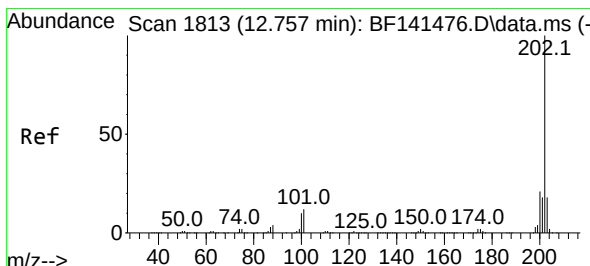
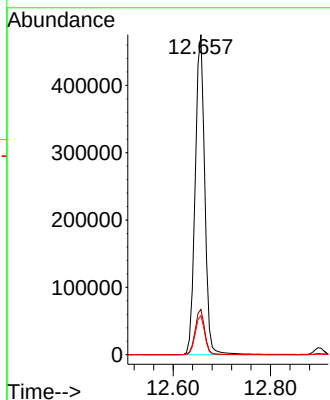
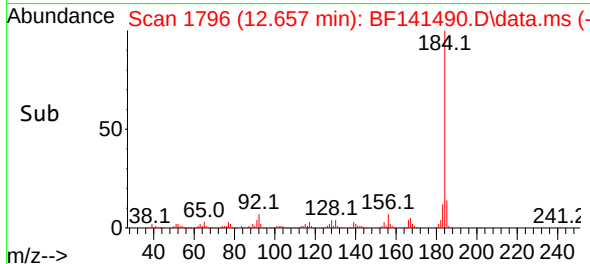
Instrument :
BNA_F
ClientSampleId :
WC-5MS



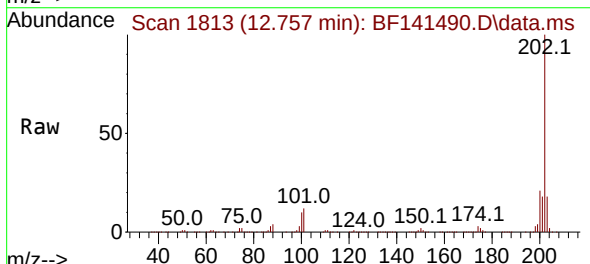
Tgt Ion:184 Resp: 650638
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.2 9.3 13.9

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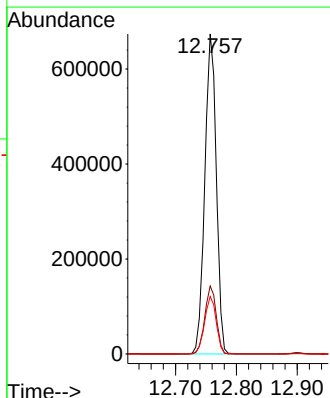
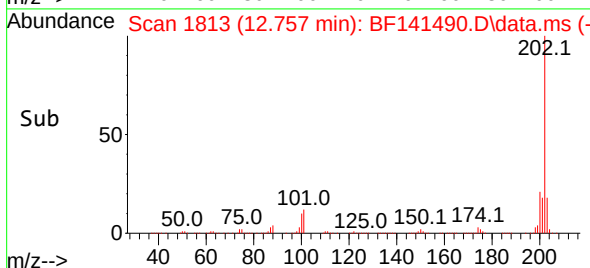
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

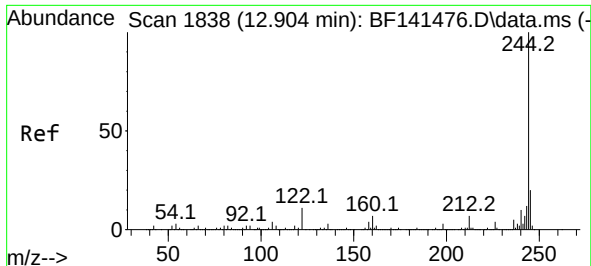


#78
Pyrene
Concen: 45.601 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



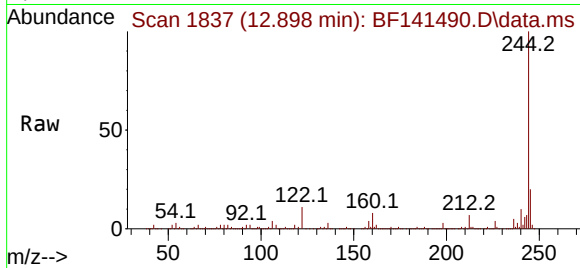
Tgt Ion:202 Resp: 883101
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 71.552 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141490.D
 Acq: 06 Feb 2025 19:45

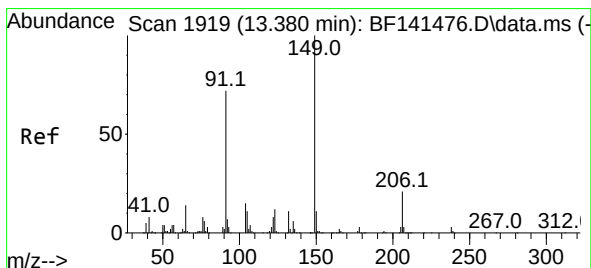
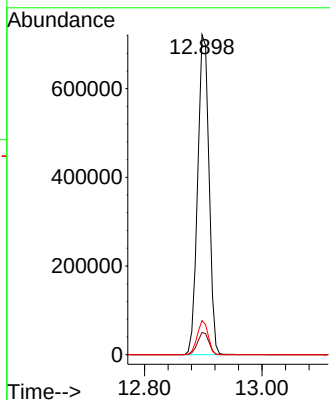
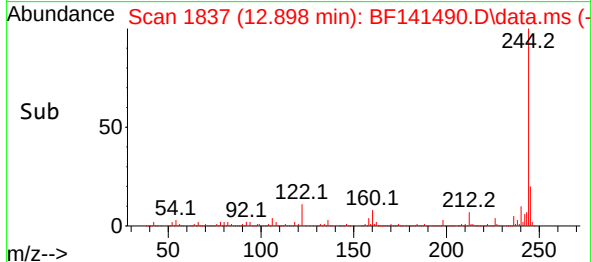
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS



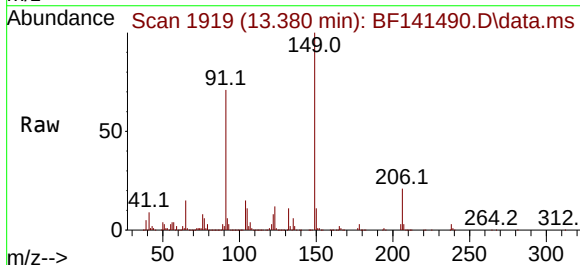
Tgt Ion:244 Resp: 96420
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 8.4 12.6

Manual Integrations
 APPROVED

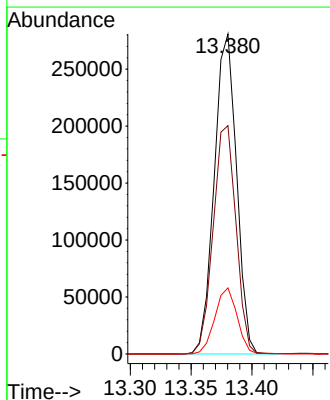
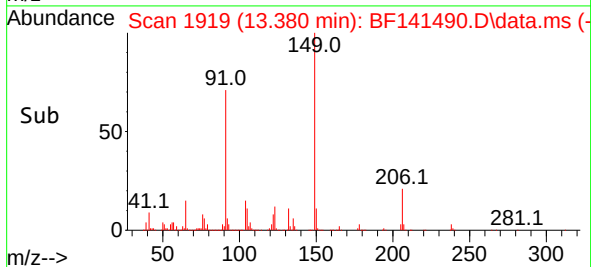
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

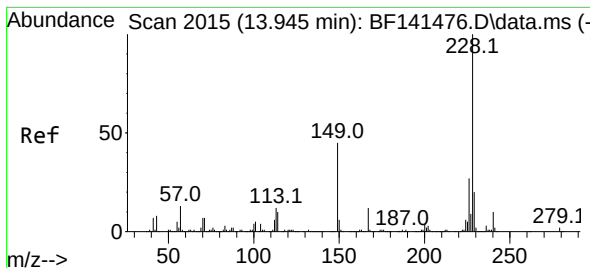


#80
 Butylbenzylphthalate
 Concen: 53.476 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141490.D
 Acq: 06 Feb 2025 19:45



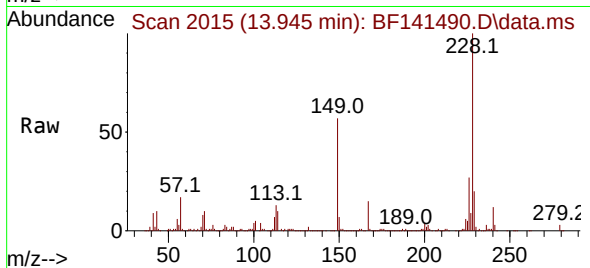
Tgt Ion:149 Resp: 358700
 Ion Ratio Lower Upper
 149 100
 91 71.3 57.8 86.8
 206 20.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 41.612 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

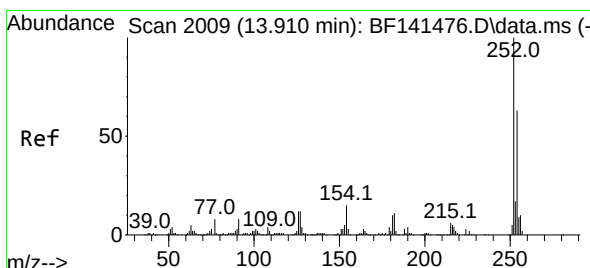
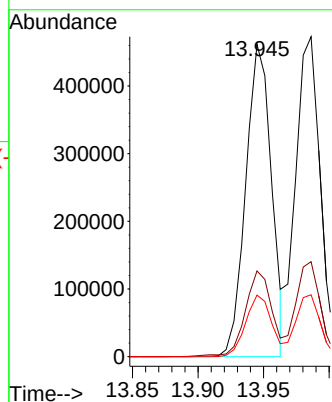
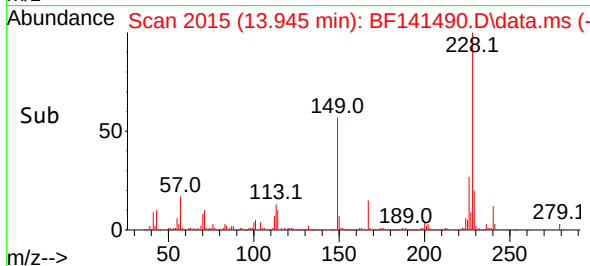
Instrument :
BNA_F
ClientSampleId :
WC-5MS



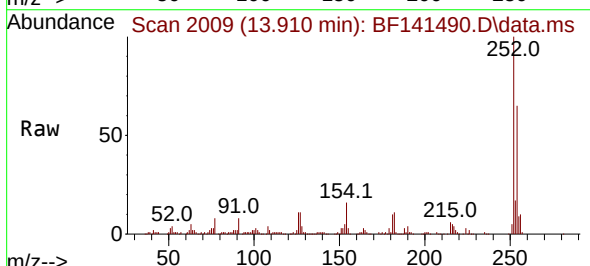
Tgt Ion:228 Resp: 629263
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.7 15.8 23.6

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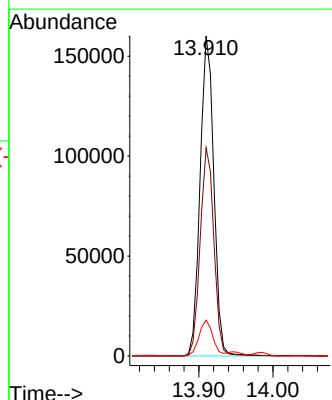
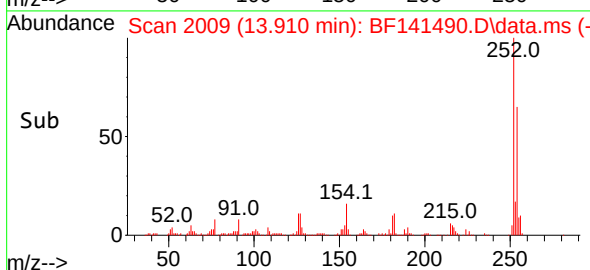
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

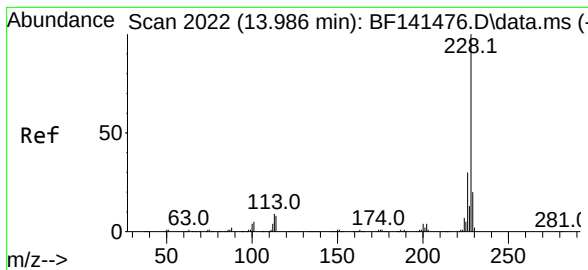


#82
3,3'-Dichlorobenzidine
Concen: 47.561 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:252 Resp: 206023
Ion Ratio Lower Upper
252 100
254 65.1 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 43.785 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:228 Resp: 61136

Ion Ratio Lower Upper

228 100

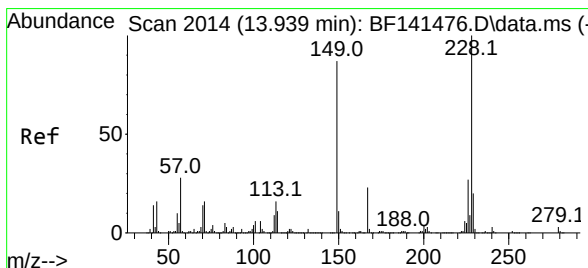
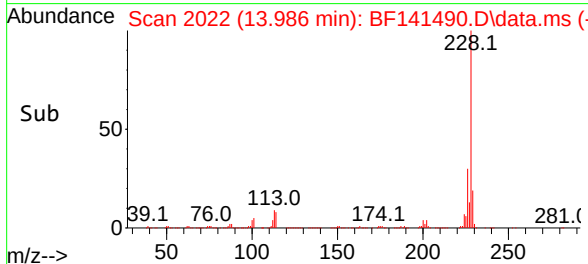
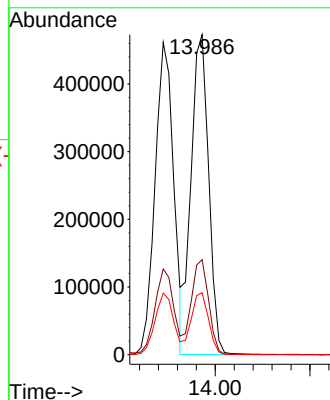
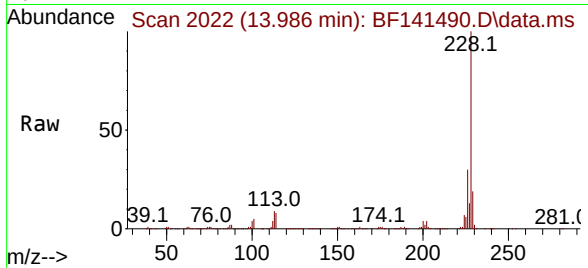
226 29.7 24.0 36.0

229 19.4 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: 60.825 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141490.D

Acq: 06 Feb 2025 19:45

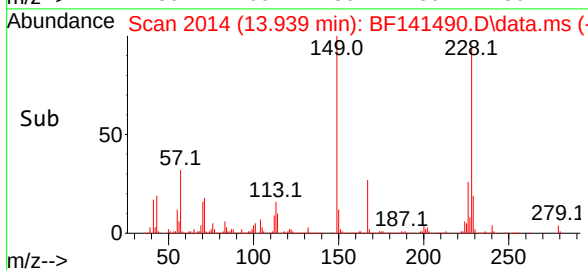
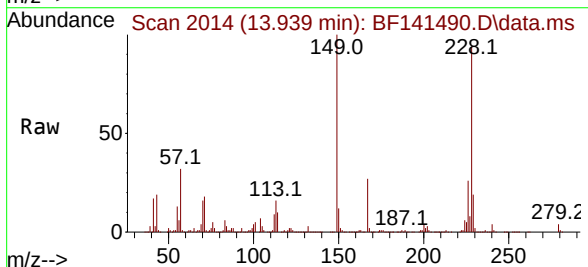
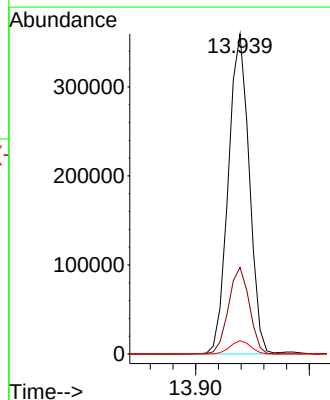
Tgt Ion:149 Resp: 460157

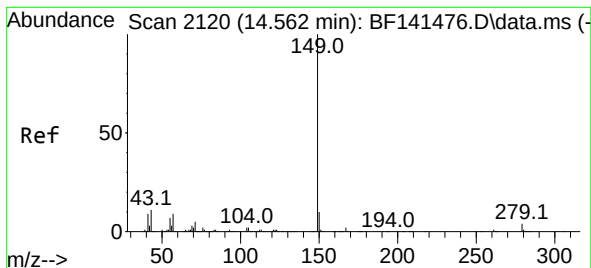
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

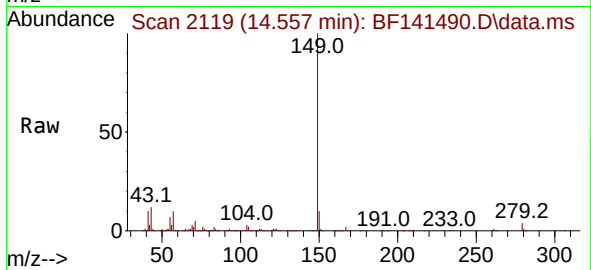
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 63.263 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

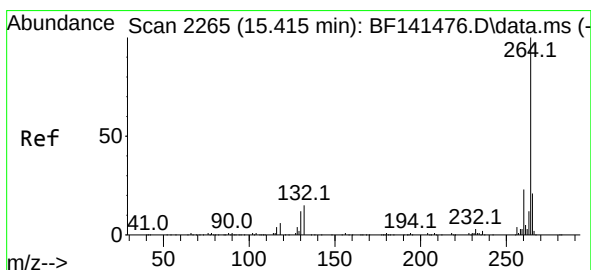
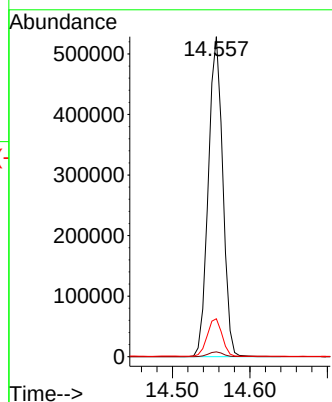
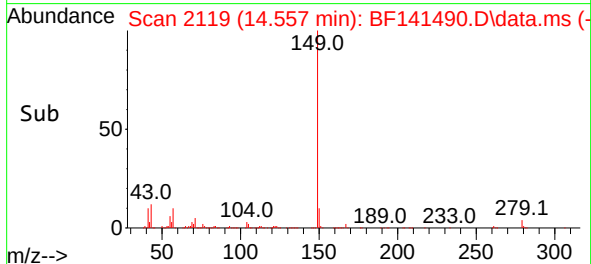
Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:149 Resp: 68275
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.5 14.3

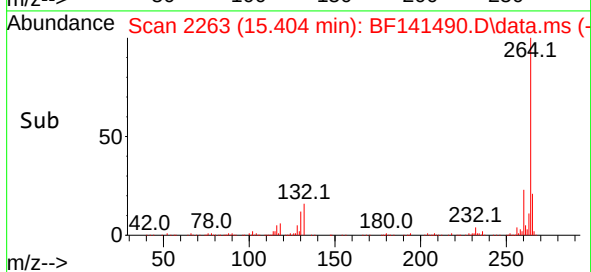
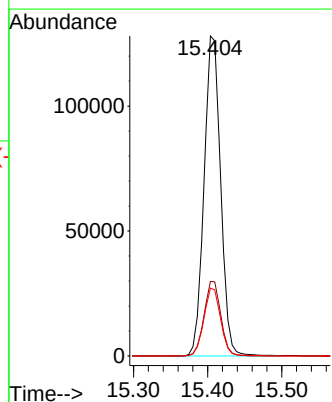
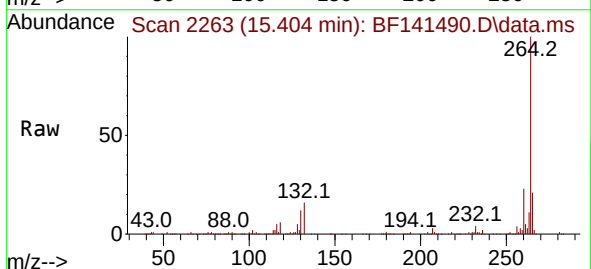
Manual Integrations
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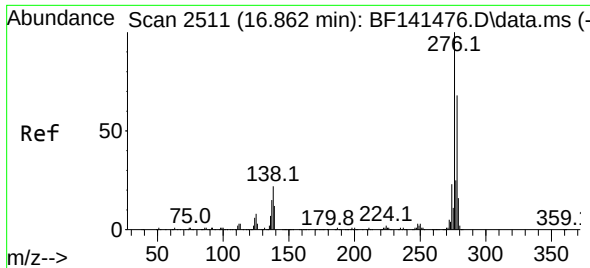
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Tgt Ion:264 Resp: 199080
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.759 ng
RT: 16.851 min Scan# 2193
Delta R.T. -0.023 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

Instrument :

BNA_F

ClientSampleId :

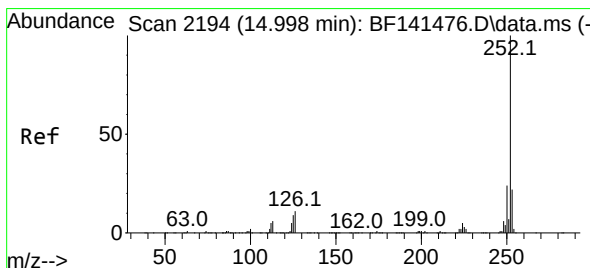
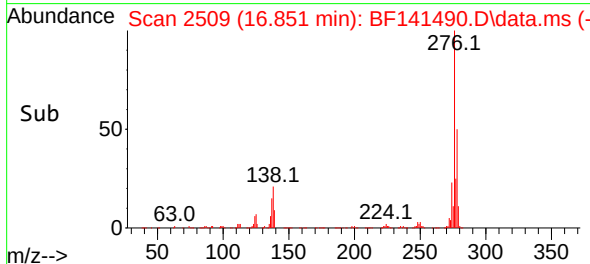
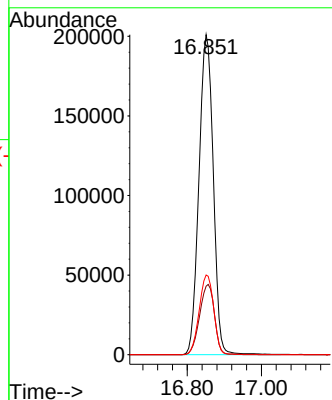
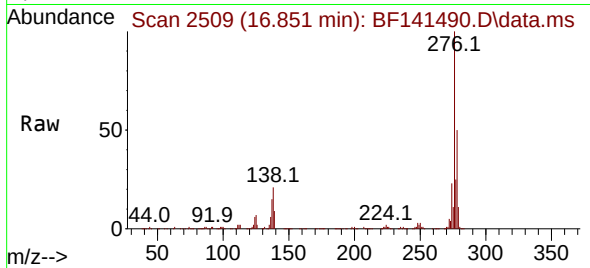
WC-5MS

Tgt Ion:276 Resp: 53828
Ion Ratio Lower Upper
276 100
138 22.6 18.0 27.0
277 25.3 20.4 30.6

Manual Integrations

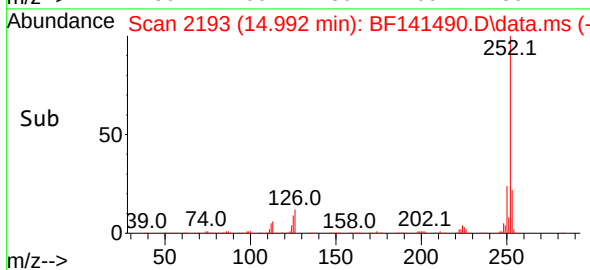
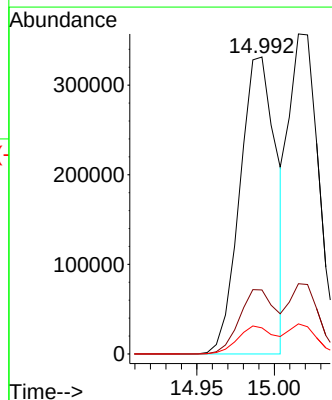
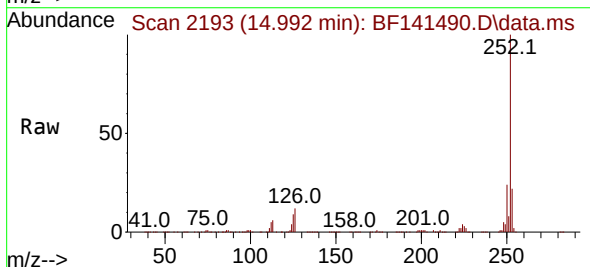
APPROVED

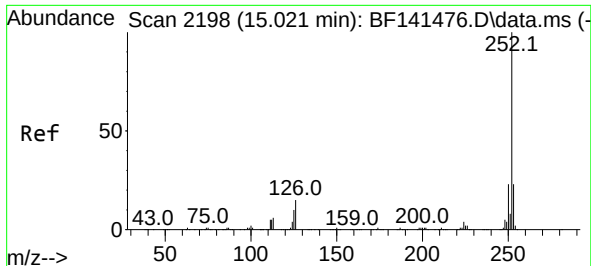
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#88
Benzo(b)fluoranthene
Concen: 40.506 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

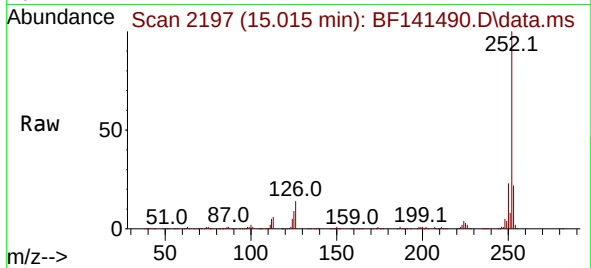
Tgt Ion:252 Resp: 541455
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.8 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 41.861 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

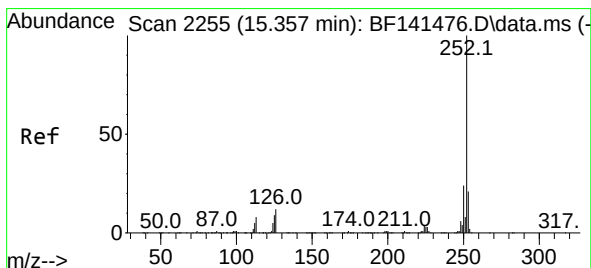
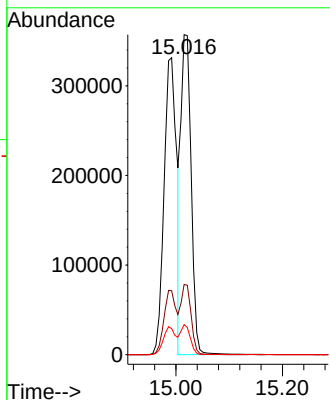
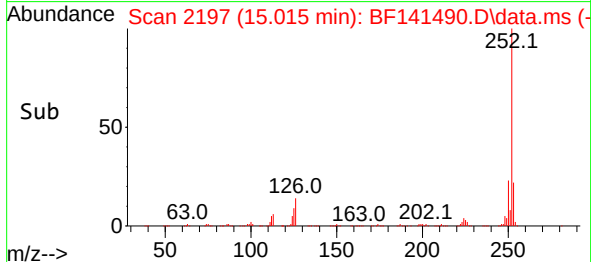
Instrument :
BNA_F
ClientSampleId :
WC-5MS



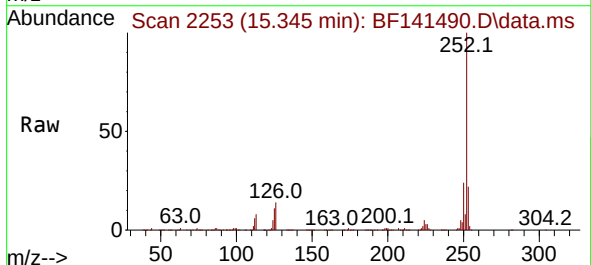
Tgt Ion:252 Resp: 477824
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.4 7.4 11.0

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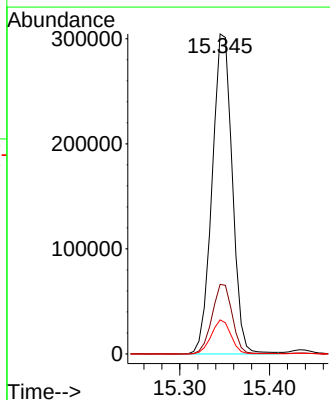
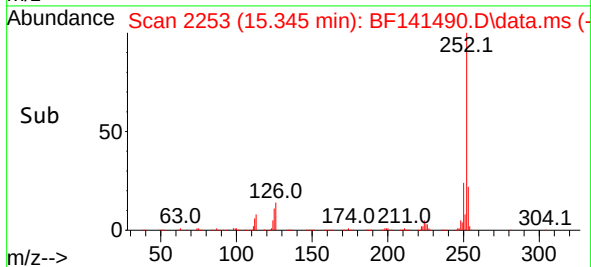
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

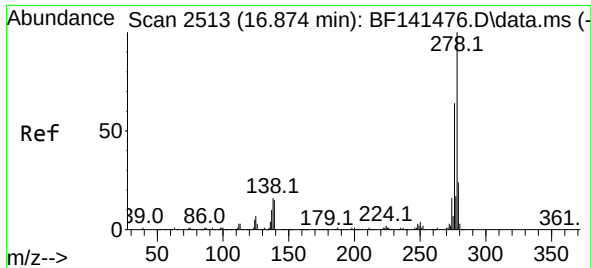


#90
Benzo(a)pyrene
Concen: 43.904 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.017 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



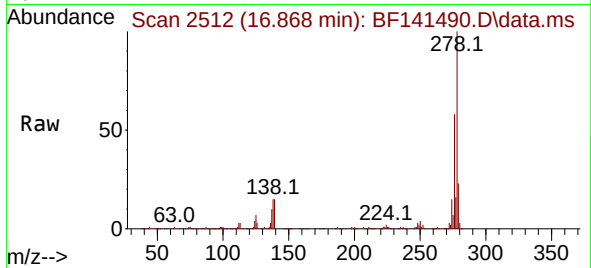
Tgt Ion:252 Resp: 474884
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 43.558 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45

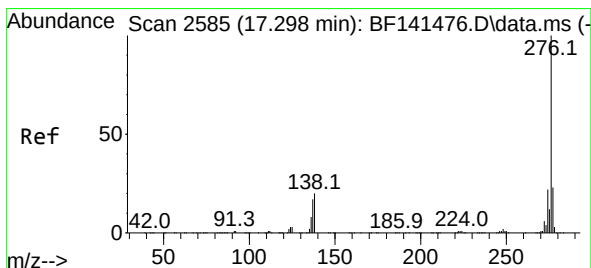
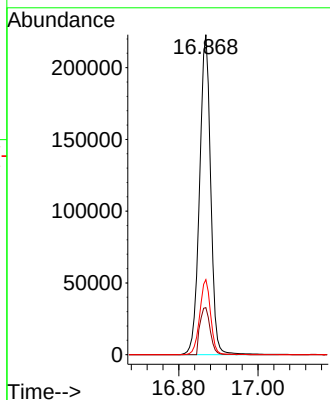
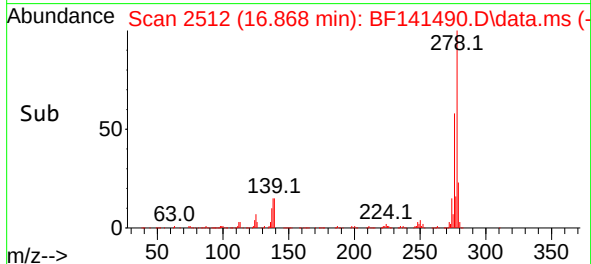
Instrument :
BNA_F
ClientSampleId :
WC-5MS



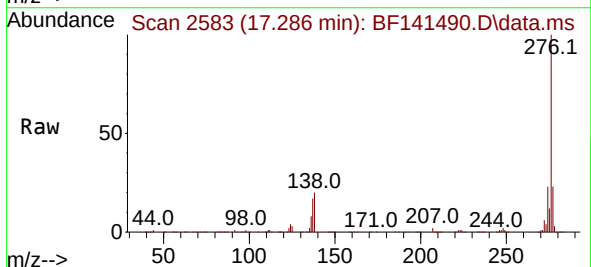
Tgt Ion:278 Resp: 434154
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.5 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 38.345 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141490.D
Acq: 06 Feb 2025 19:45



Tgt Ion:276 Resp: 399956
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.6 15.9 23.9

