

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142284.D
 Acq On : 02 May 2025 16:49
 Operator : RC/JU
 Sample : Q1916-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

Quant Time: May 02 17:22:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204976	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	787341	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	409977	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	690627	20.000	ng	0.00
76) Chrysene-d12	14.068	240	414504	20.000	ng	0.00
86) Perylene-d12	15.557	264	369935	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1439802	112.182	ng	0.01
7) Phenol-d6	6.528	99	1726581	111.402	ng	0.00
23) Nitrobenzene-d5	7.469	82	1068311	89.142	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	543856	145.513	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2131906	73.319	ng	0.00
79) Terphenyl-d14	13.016	244	1982275	69.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	196202	34.229	ng	# 82
4) n-Nitrosodimethylamine	3.499	42	302140	39.192	ng	98
8) 2-Chlorophenol	6.692	128	558653	42.123	ng	100
9) Benzaldehyde	6.457	77	218269	20.150	ng	99
10) Phenol	6.545	94	636232	38.131	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	524904	40.596	ng	98
12) 1,3-Dichlorobenzene	6.851	146	576502	38.425	ng	100
13) 1,4-Dichlorobenzene	6.928	146	581657	38.480	ng	100
14) 1,2-Dichlorobenzene	7.075	146	565577	39.193	ng	100
15) Benzyl Alcohol	7.045	79	224717	20.443	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	943410	40.406	ng	98
17) 2-Methylphenol	7.151	107	459914	42.332	ng	96
18) Hexachloroethane	7.422	117	200611	40.548	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	385768	40.279	ng	98
20) 3+4-Methylphenols	7.304	107	560720	41.270	ng	# 88
22) Acetophenone	7.316	105	734683	40.334	ng	99
24) Nitrobenzene	7.487	77	556990	47.367	ng	99
25) Isophorone	7.728	82	1033345	41.084	ng	98
26) 2-Nitrophenol	7.804	139	266176	52.539	ng	98
27) 2,4-Dimethylphenol	7.834	122	530229	41.812	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	649216	40.928	ng	99
29) 2,4-Dichlorophenol	8.045	162	470112	44.341	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	481342	40.685	ng	99
31) Naphthalene	8.210	128	1596825	40.668	ng	100
32) Benzoic acid	7.934	122	188438	35.005	ng	95
33) 4-Chloroaniline	8.475	127	183661m	11.233	ng	
34) Hexachlorobutadiene	8.328	225	281407	40.768	ng	98
35) Caprolactam	8.628	113	138484m	43.456	ng	
36) 4-Chloro-3-methylphenol	8.734	107	453199	41.628	ng	97
37) 2-Methylnaphthalene	8.898	142	994337	41.188	ng	99
38) 1-Methylnaphthalene	8.998	142	1044823	41.777	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	481971	41.772	ng	99
41) Hexachlorocyclopentadiene	9.057	237	625836	95.571	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	340287	47.594	ng	99
44) 2,4,5-Trichlorophenol	9.216	196	358207	47.652	ng	99
46) 1,1'-Biphenyl	9.363	154	1350609	42.376	ng	100

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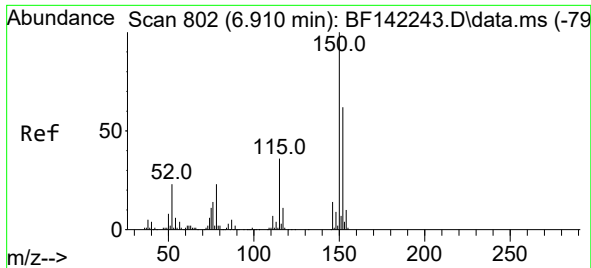
Quant Time: May 02 17:22:55 2025
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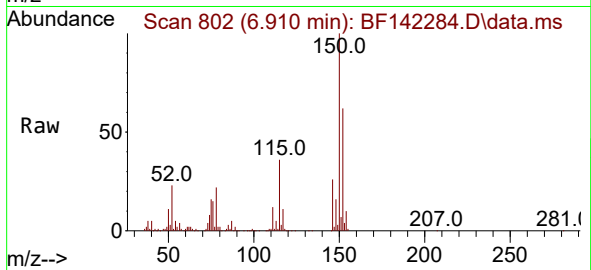
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.392	162	1006965	42.465	ng	99
48) 2-Nitroaniline	9.481	65	322548	51.225	ng	96
49) Acenaphthylene	9.804	152	1704823	42.605	ng	100
50) Dimethylphthalate	9.663	163	1183234	45.113	ng	100
51) 2,6-Dinitrotoluene	9.722	165	256900	50.810	ng	99
52) Acenaphthene	9.980	154	1115735	47.754	ng	98
53) 3-Nitroaniline	9.916	138	150946	26.215	ng	99
54) 2,4-Dinitrophenol	9.998	184	249236	115.189	ng	# 1
55) Dibenzofuran	10.151	168	1492355	42.610	ng	100
56) 4-Nitrophenol	10.045	139	403222	97.807	ng	100
57) 2,4-Dinitrotoluene	10.128	165	334352	54.180	ng	96
58) Fluorene	10.492	166	1176047	44.162	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294684	47.325	ng	99
60) Diethylphthalate	10.363	149	1189291	45.918	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	547908	43.324	ng	97
62) 4-Nitroaniline	10.510	138	161515	30.123	ng	98
63) Azobenzene	10.645	77	1096355	42.867	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	153806	63.273	ng	92
66) n-Nitrosodiphenylamine	10.604	169	940521	39.857	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	348818	45.352	ng	100
68) Hexachlorobenzene	11.039	284	381276	44.262	ng	97
69) Atrazine	11.151	200	90120	14.489	ng	99
70) Pentachlorophenol	11.233	266	463857	101.930	ng	99
71) Phenanthrene	11.457	178	1651513	44.271	ng	100
72) Anthracene	11.510	178	1677465	43.980	ng	100
73) Carbazole	11.657	167	1409654	40.515	ng	100
74) Di-n-butylphthalate	11.992	149	1781971	50.924	ng	100
75) Fluoranthene	12.645	202	1666749	45.198	ng	98
78) Pyrene	12.874	202	1664650	43.536	ng	99
80) Butylbenzylphthalate	13.492	149	587950	55.601	ng	98
81) Benzo(a)anthracene	14.057	228	1277412	45.907	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	12245	1.498	ng	98
83) Chrysene	14.098	228	1108733	43.773	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	718777	49.518	ng	100
85) Di-n-octyl phthalate	14.668	149	1138387	43.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1116626	41.209	ng	99
88) Benzo(b)fluoranthene	15.121	252	1110580	48.331	ng	99
89) Benzo(k)fluoranthene	15.151	252	1131080	53.814	ng	99
90) Benzo(a)pyrene	15.498	252	1037141	49.299	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	912446	41.490	ng	99
92) Benzo(g,h,i)perylene	17.521	276	878071	39.717	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142284.D
 Acq: 02 May 2025 16:49

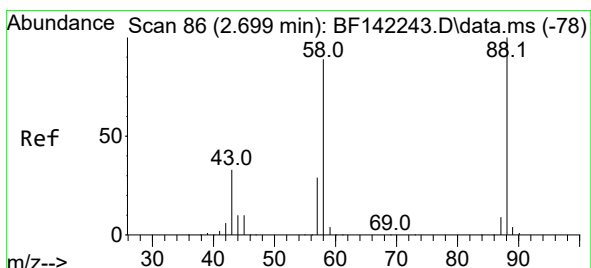
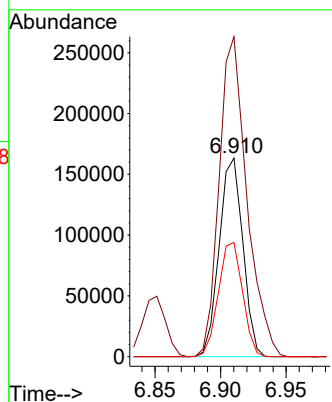
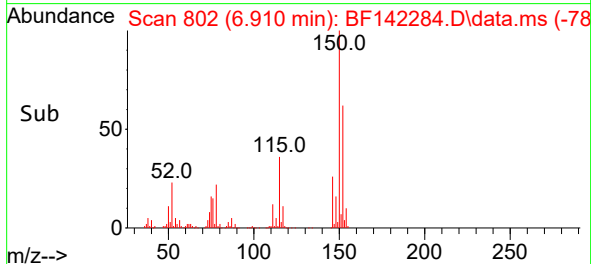
Instrument :
 BNA_F
 ClientSampleId :
 WC-12MS



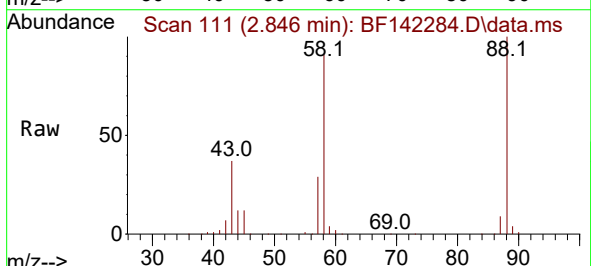
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 Ion Ratio Lower Upper
 152 100
 150 161.1 130.2 195.2
 115 57.5 47.0 70.4

Manual Integrations
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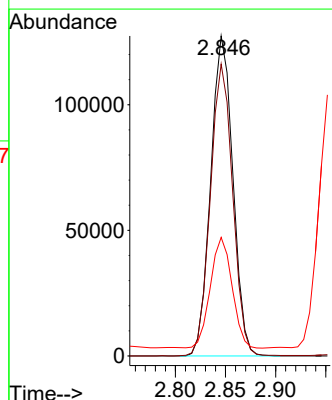
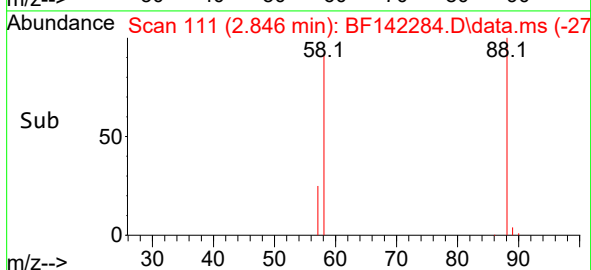
Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

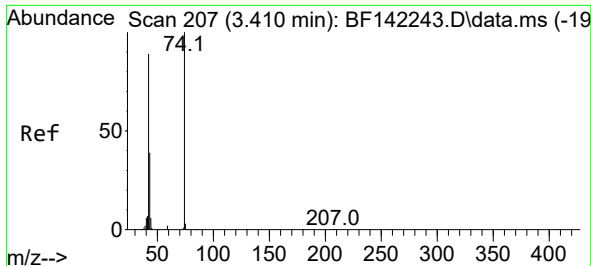


#2
 1,4-Dioxane
 Concen: 34.229 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.147 min
 Lab File: BF142284.D
 Acq: 02 May 2025 16:49



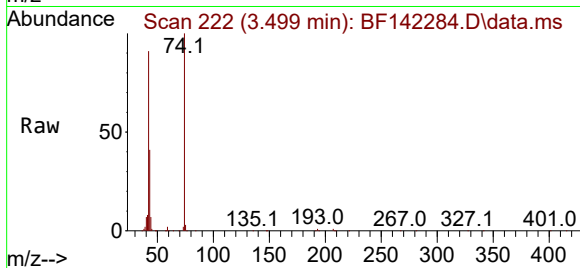
Tgt Ion: 88 Resp: 196202
 Ion Ratio Lower Upper
 88 100
 58 92.1 72.2 108.2
 43 0.0 27.0 40.6





#4
n-Nitrosodimethylamine
Concen: 39.192 ng
RT: 3.499 min Scan# 207
Delta R.T. 0.088 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

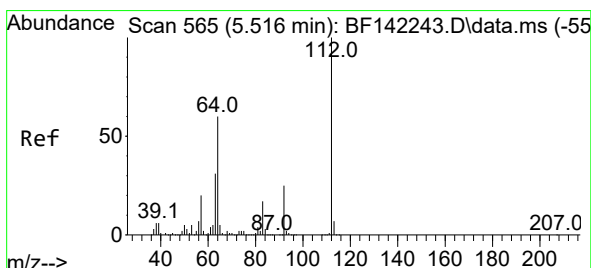
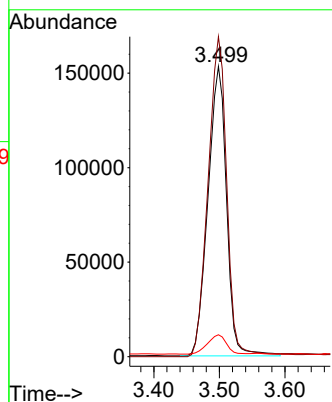
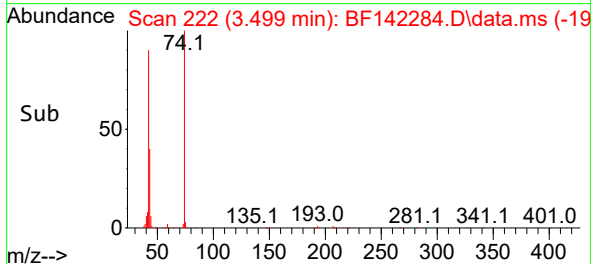
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion: 42 Resp: 302140
Ion Ratio Lower Upper
42 100
74 110.3 89.5 134.3
44 7.6 6.6 9.8

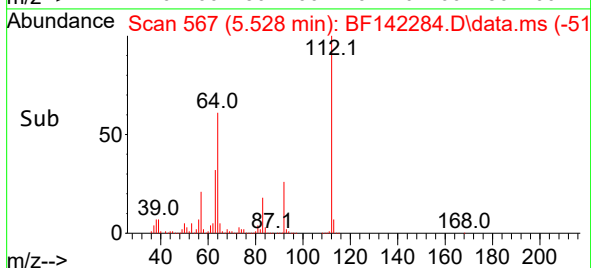
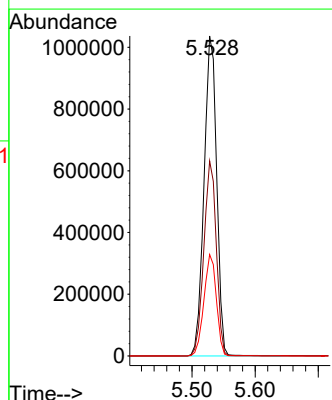
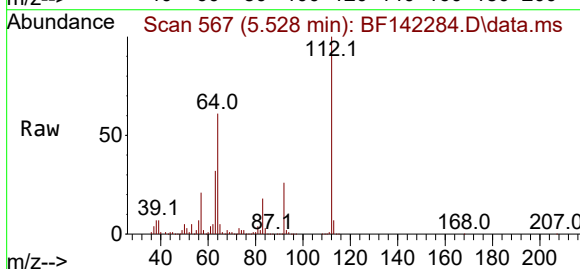
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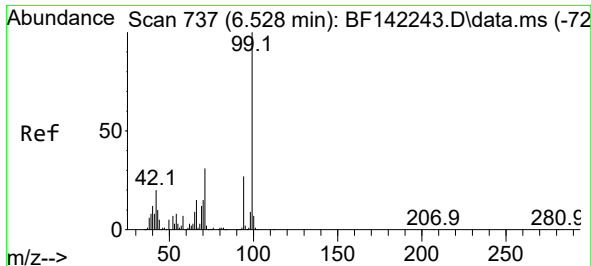
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#5
2-Fluorophenol
Concen: 112.182 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

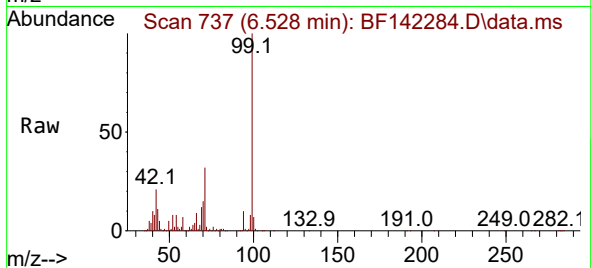
Tgt Ion:112 Resp: 1439802
Ion Ratio Lower Upper
112 100
64 61.0 48.4 72.6
63 31.7 24.8 37.2





#7
Phenol-d6
Concen: 111.402 ng
RT: 6.528 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

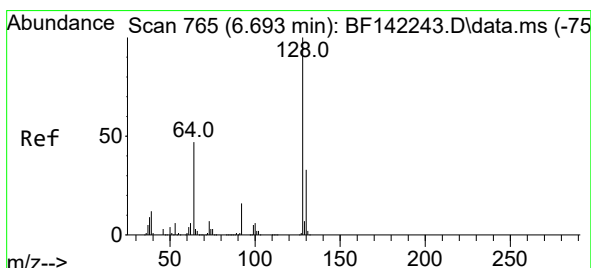
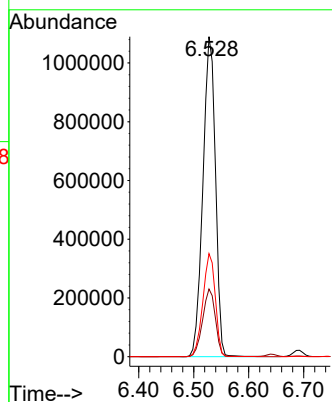
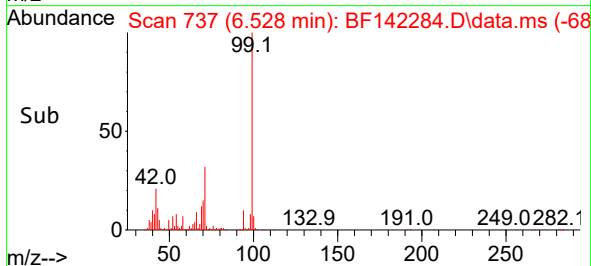
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion: 99 Resp: 172658
Ion Ratio Lower Upper
99 100
42 21.2 16.3 24.5
71 32.2 25.0 37.4

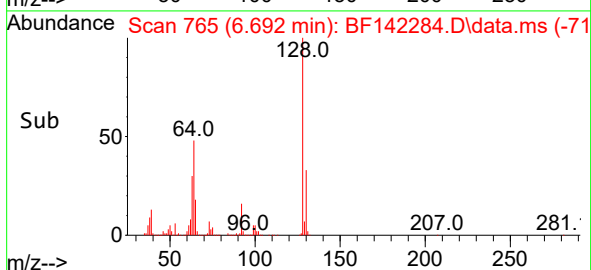
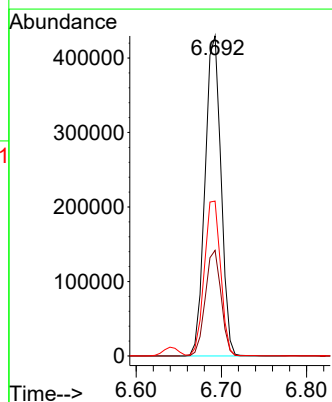
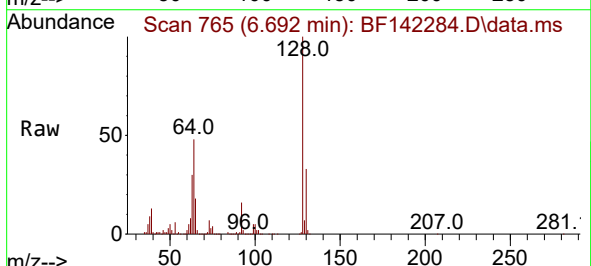
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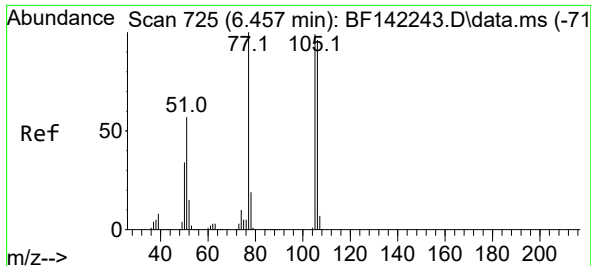
Reviewed By :Rahul Chavli 05/05/2025
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#8
2-Chlorophenol
Concen: 42.123 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

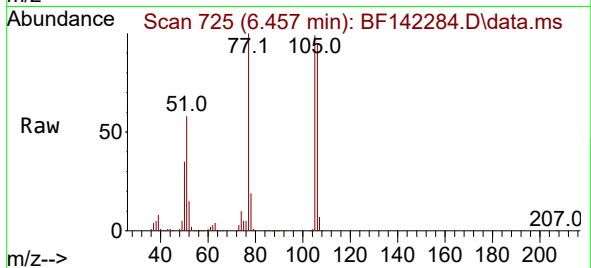
Tgt Ion:128 Resp: 558653
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 48.4 28.6 68.6





#9
Benzaldehyde
Concen: 20.150 ng
RT: 6.457 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

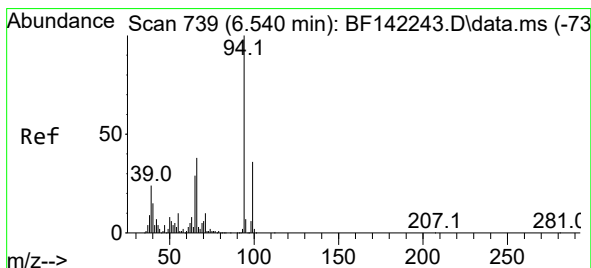
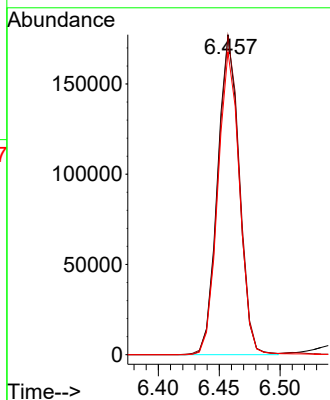
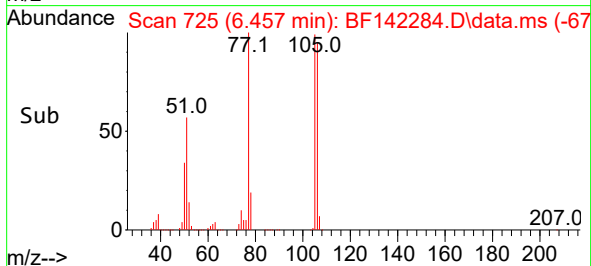
Instrument :
BNA_F
ClientSampleId :
WC-12MS



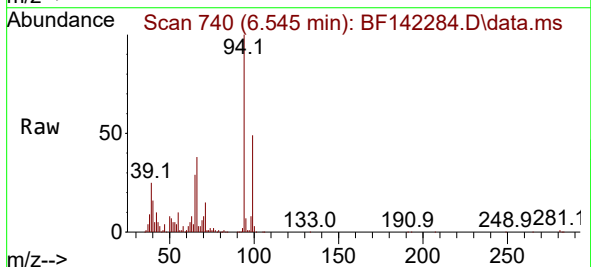
Tgt Ion: 77 Resp: 218269
Ion Ratio Lower Upper
77 100
105 99.5 79.1 119.1
106 94.6 76.0 116.0

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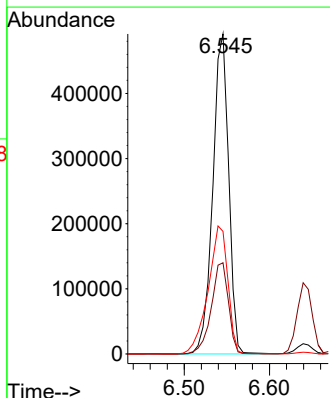
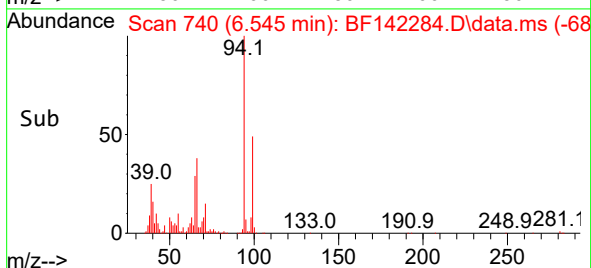
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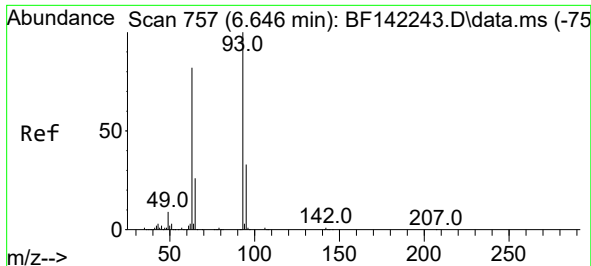


#10
Phenol
Concen: 38.131 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



Tgt Ion: 94 Resp: 636232
Ion Ratio Lower Upper
94 100
65 28.5 8.9 48.9
66 38.3 18.7 58.7





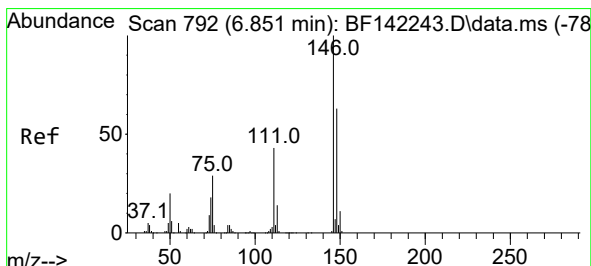
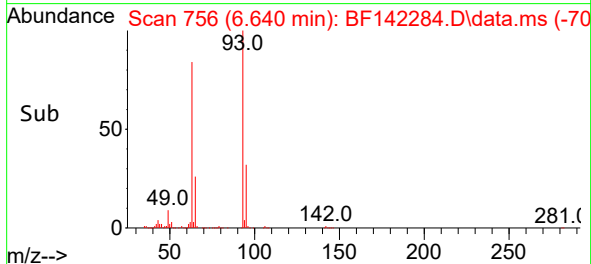
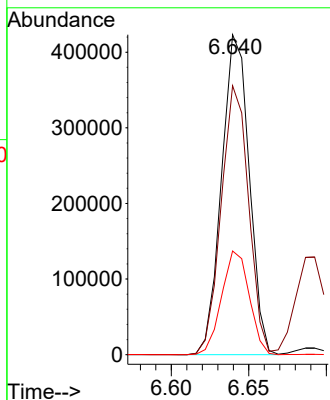
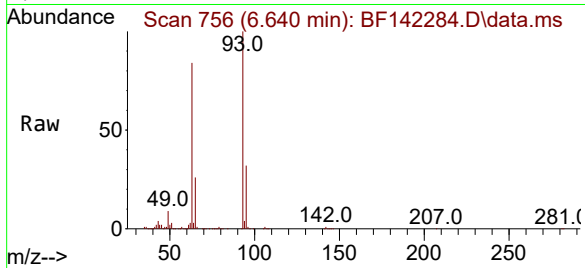
#11
bis(2-Chloroethyl)ether
Concen: 40.596 ng
RT: 6.640 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion: 93 Resp: 524904
Ion Ratio Lower Upper
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63 84.0 62.2 102.2
95 32.4 12.7 52.7

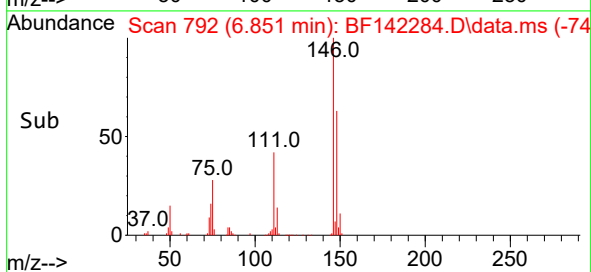
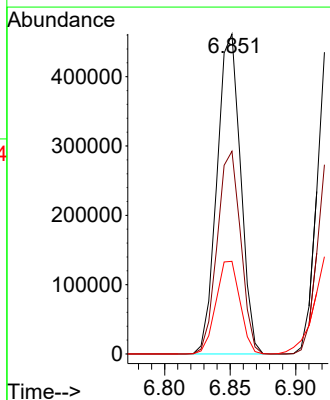
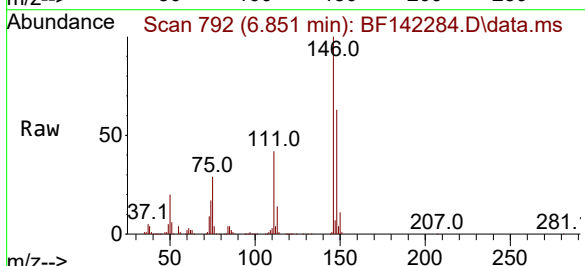
Manual Integrations
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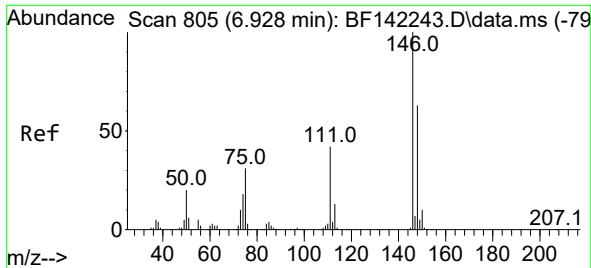
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#12
1,3-Dichlorobenzene
Concen: 38.425 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:146 Resp: 576502
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 28.9 23.2 34.8





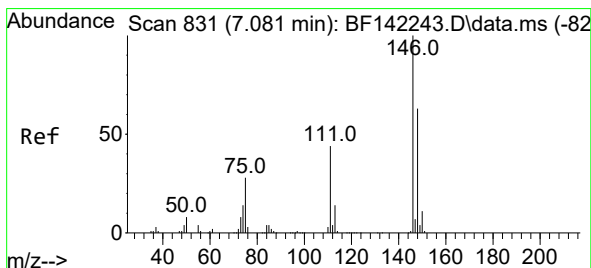
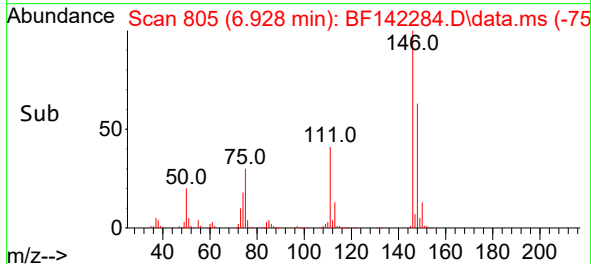
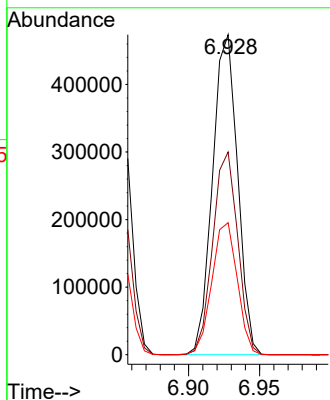
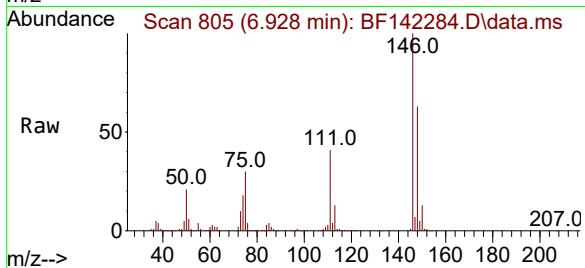
#13
1,4-Dichlorobenzene
Concen: 38.480 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion:146 Resp: 58165
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
111 41.2 33.4 50.0

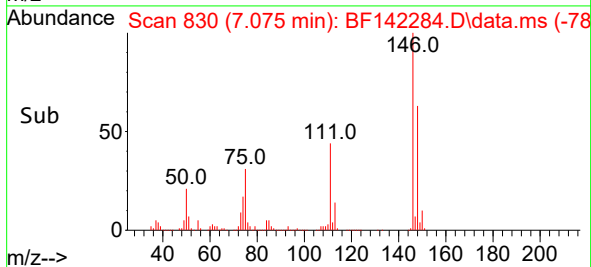
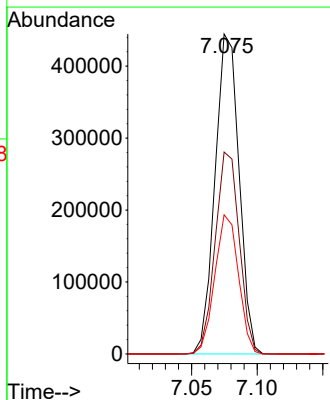
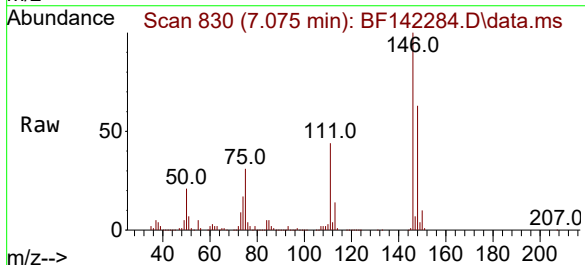
Manual Integrations
APPROVED

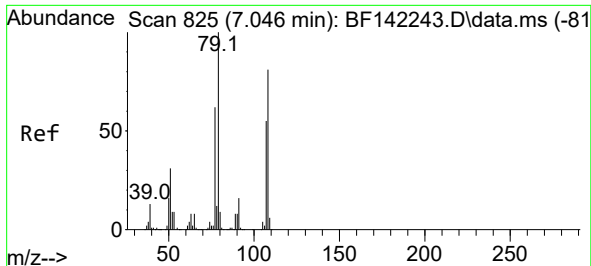
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#14
1,2-Dichlorobenzene
Concen: 39.193 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

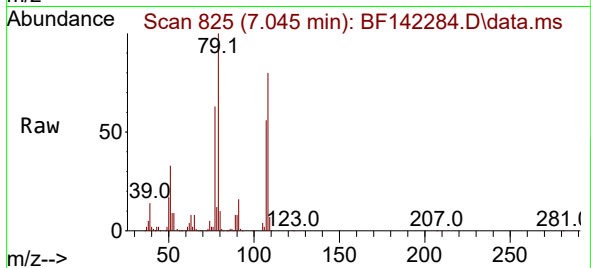
Tgt Ion:146 Resp: 565577
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 43.5 34.9 52.3





#15
Benzyl Alcohol
Concen: 20.443 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

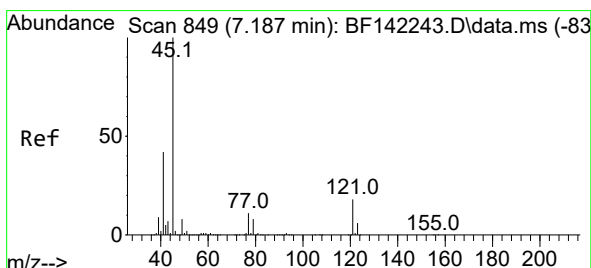
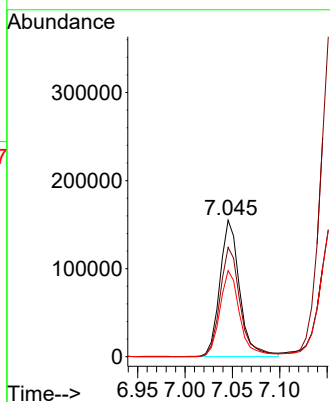
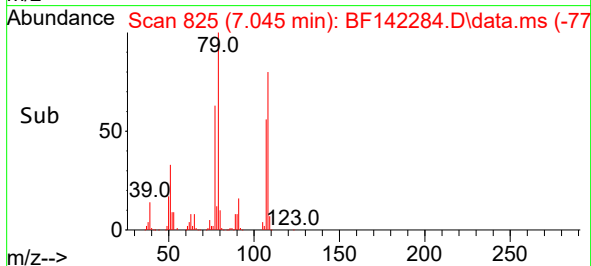
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion: 79 Resp: 22471
Ion Ratio Lower Upper
79 100
108 80.1 64.5 96.7
77 63.1 49.2 73.8

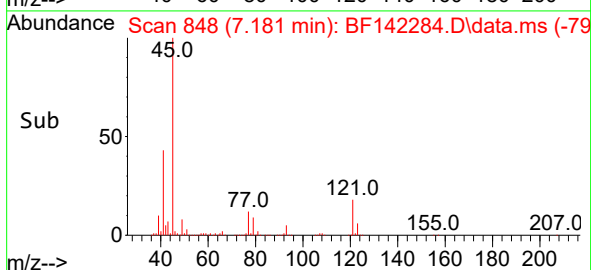
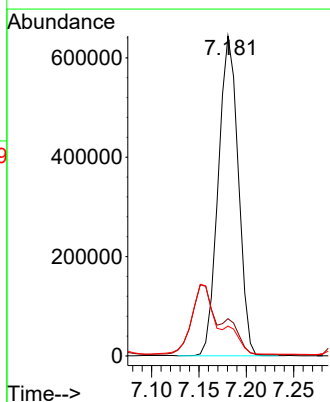
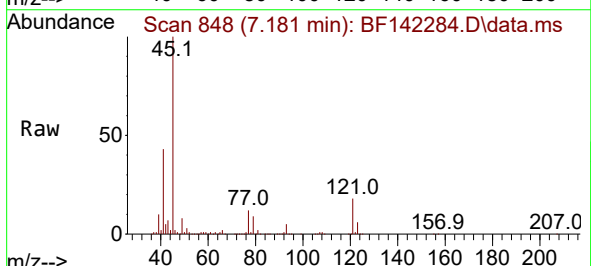
Manual Integrations
APPROVED

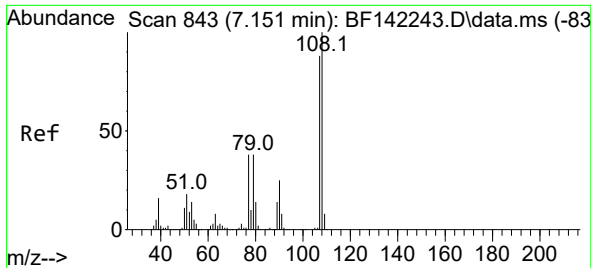
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.406 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

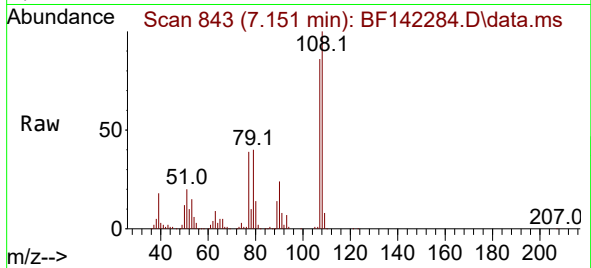
Tgt Ion: 45 Resp: 943410
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.3
79 9.3 0.0 28.5





#17
2-Methylphenol
Concen: 42.332 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

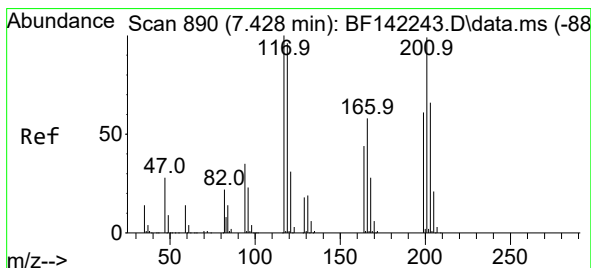
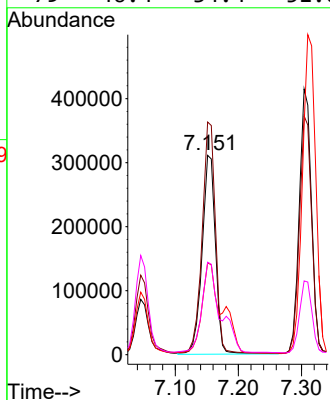
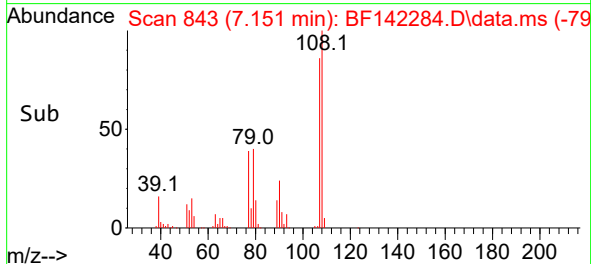
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:	107	Resp:	459914
Ion	Ratio	Lower	Upper
107	100		
108	116.7	91.0	136.4
77	46.1	34.4	51.6
79	46.4	34.4	51.6

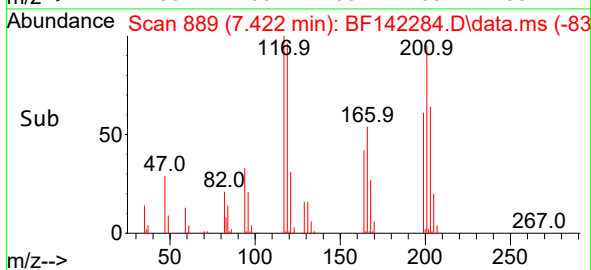
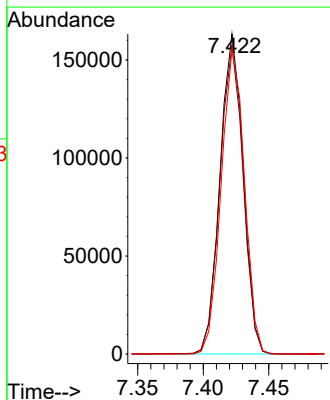
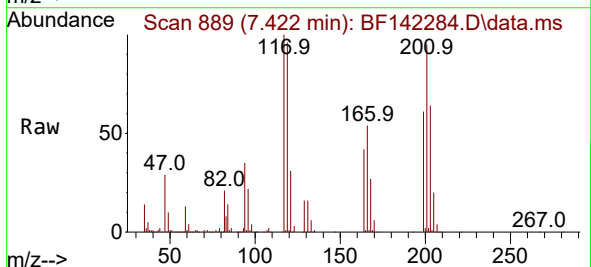
Manual Integrations
APPROVED

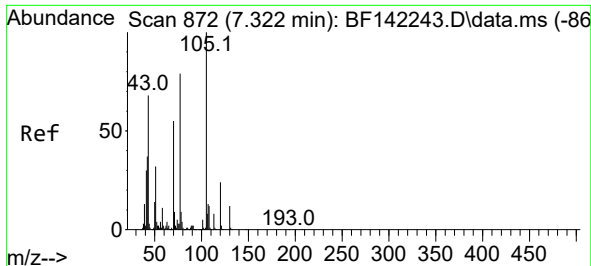
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#18
Hexachloroethane
Concen: 40.548 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

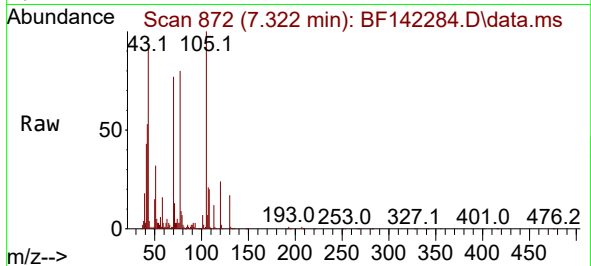
Tgt Ion:	117	Resp:	200611
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	95.1	79.4	119.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.279 ng
RT: 7.322 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

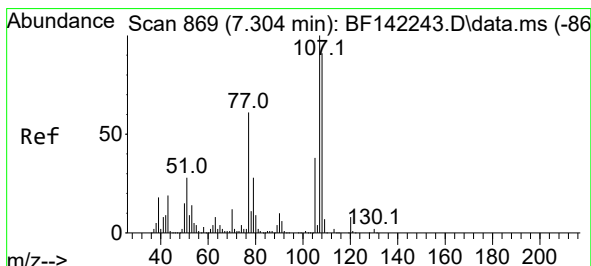
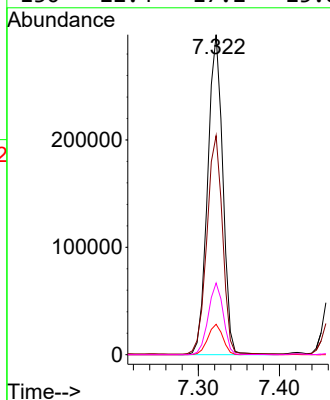
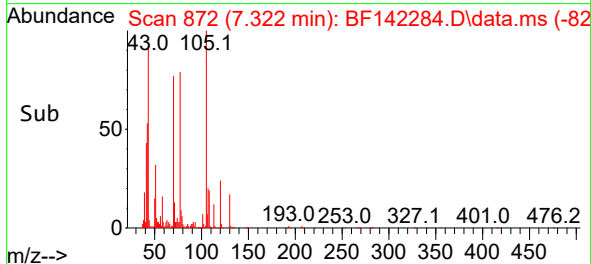
Instrument :
BNA_F
ClientSampleId :
WC-12MS



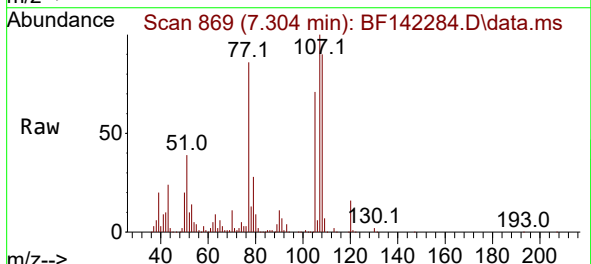
Tgt Ion: 70 Resp: 385768
Ion Ratio Lower Upper
70 100
42 68.5 53.4 80.2
101 9.5 7.7 11.5
130 22.4 17.2 25.8

Manual Integrations
APPROVED

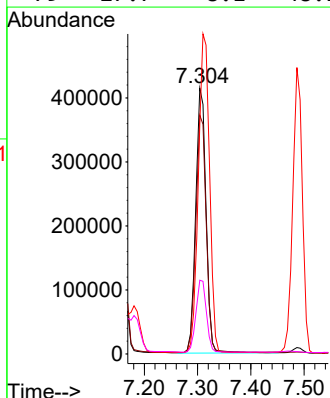
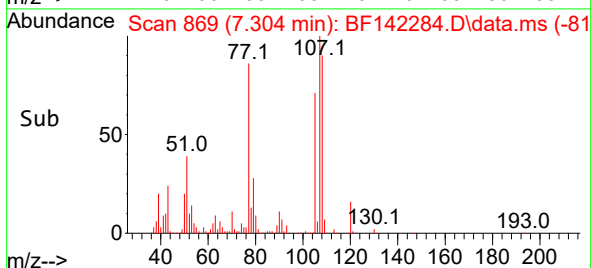
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

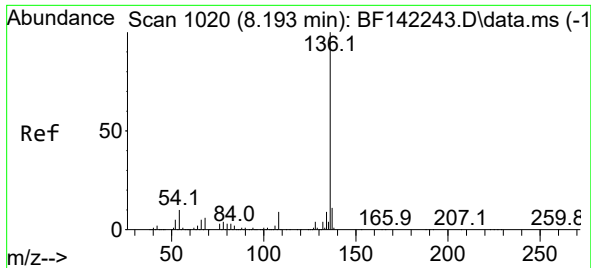


#20
3+4-Methylphenols
Concen: 41.270 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



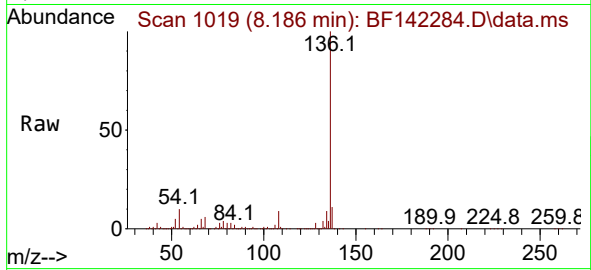
Tgt Ion:107 Resp: 560720
Ion Ratio Lower Upper
107 100
108 89.9 71.2 111.2
77 86.3 41.1 81.1#
79 27.7 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

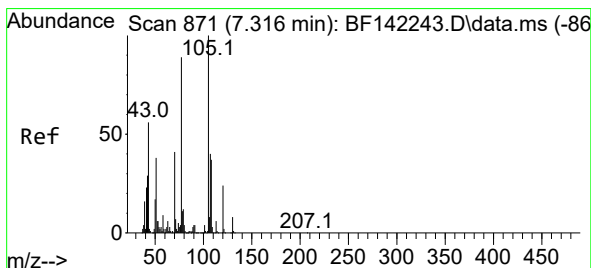
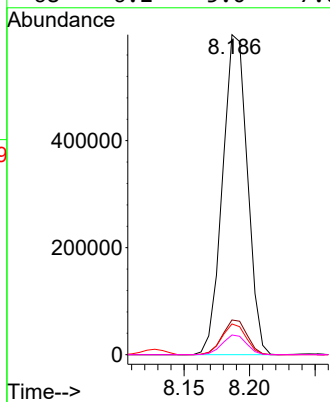
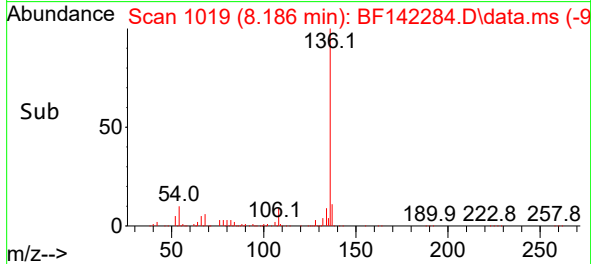
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:136 Resp: 78734
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.6 7.7 11.5
68 6.2 5.0 7.6

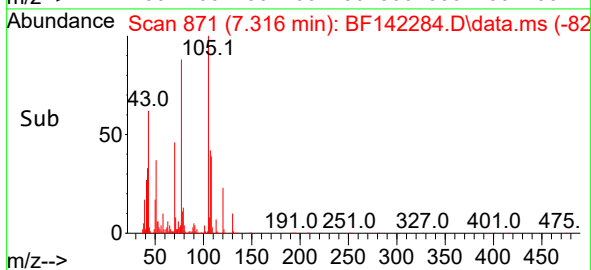
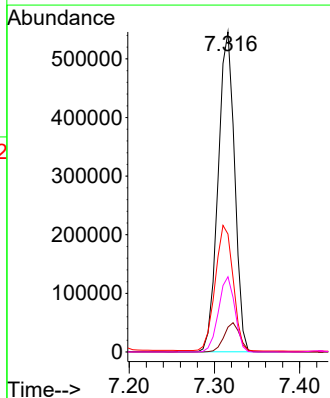
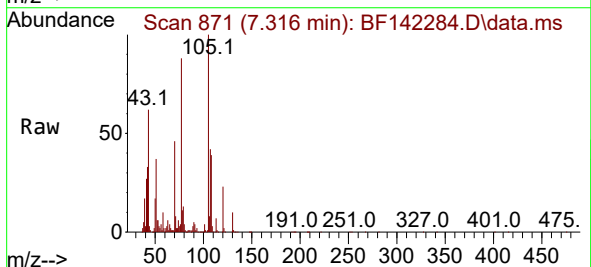
Manual Integrations
APPROVED

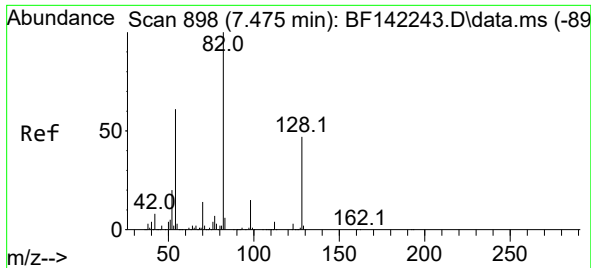
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#22
Acetophenone
Concen: 40.334 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:105 Resp: 734683
Ion Ratio Lower Upper
105 100
71 7.8 5.7 8.5
51 36.8 30.1 45.1
120 23.5 19.0 28.4





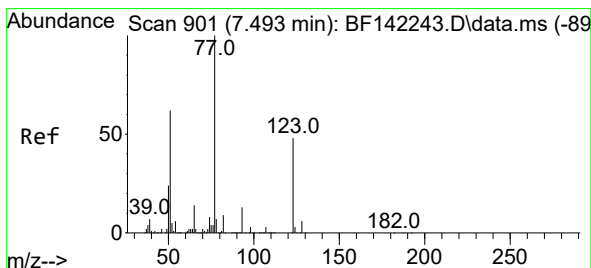
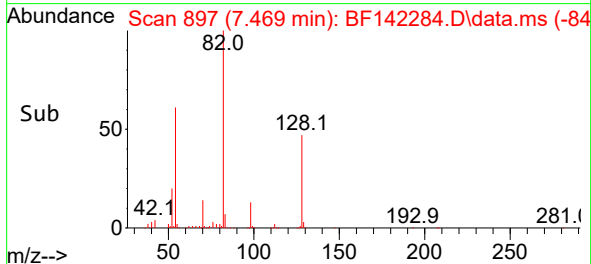
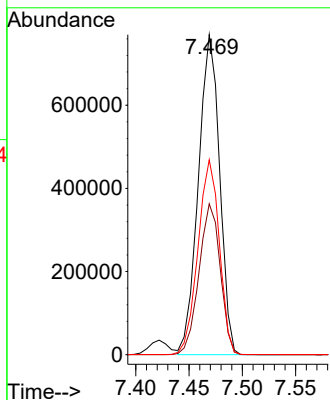
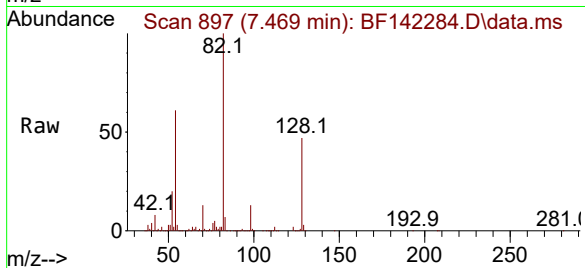
#23
Nitrobenzene-d5
Concen: 89.142 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion: 82 Resp: 106831
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.6
54 60.9 48.0 72.0

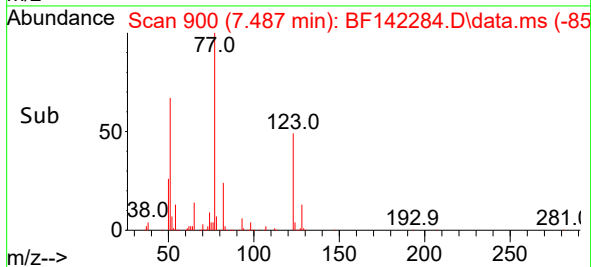
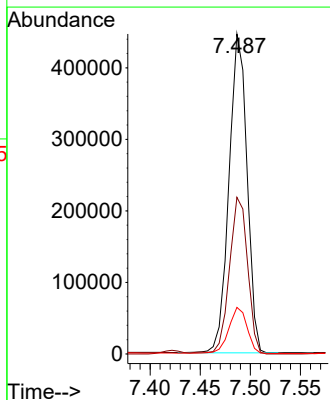
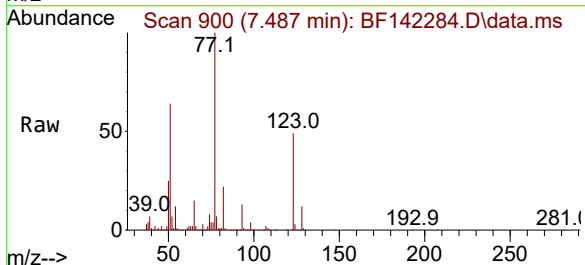
Manual Integrations
APPROVED

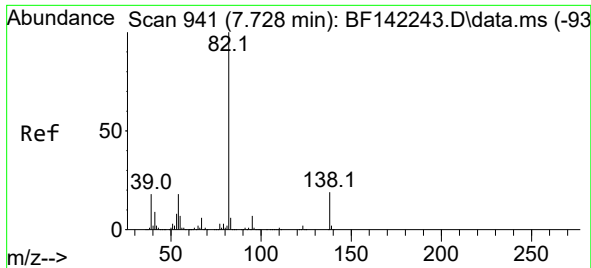
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#24
Nitrobenzene
Concen: 47.367 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion: 77 Resp: 556990
Ion Ratio Lower Upper
77 100
123 48.9 38.6 58.0
65 14.5 11.5 17.3





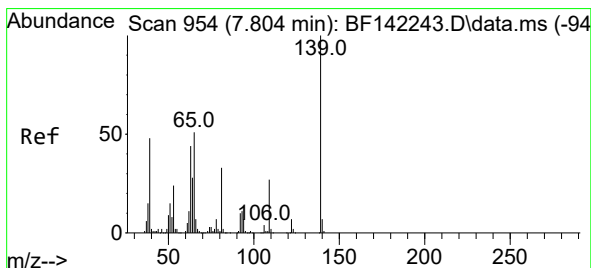
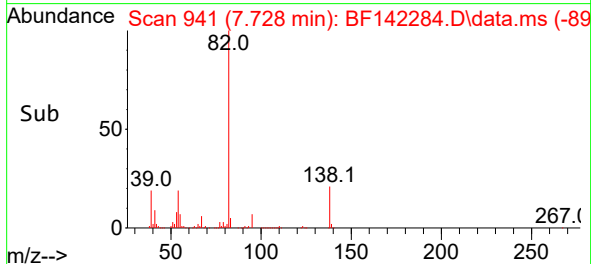
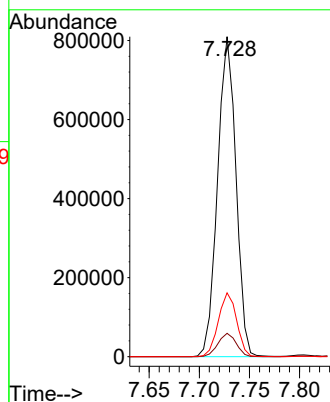
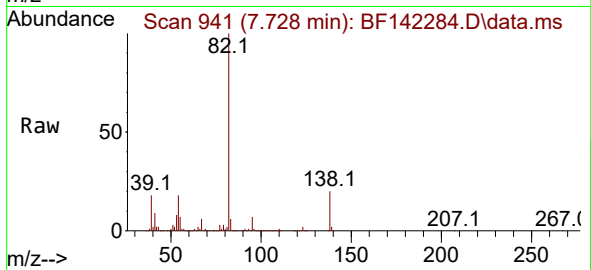
#25
Isophorone
Concen: 41.084 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion: 82 Resp: 103334
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.0 15.3 22.9

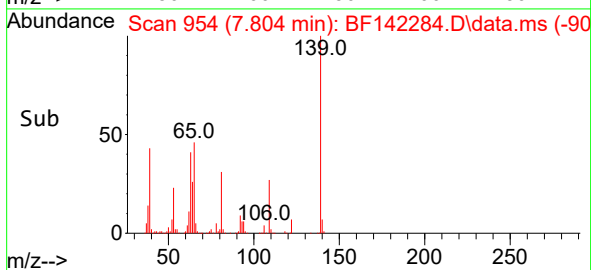
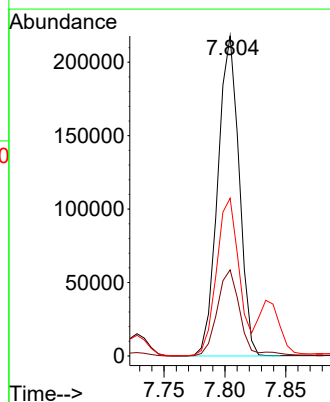
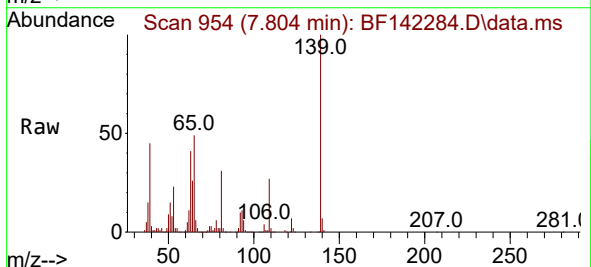
Manual Integrations
APPROVED

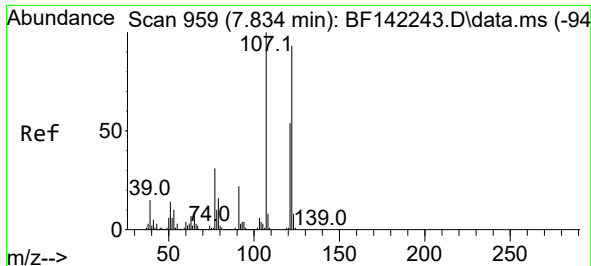
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#26
2-Nitrophenol
Concen: 52.539 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:139 Resp: 266176
Ion Ratio Lower Upper
139 100
109 26.9 21.8 32.8
65 49.3 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.812 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142284.D

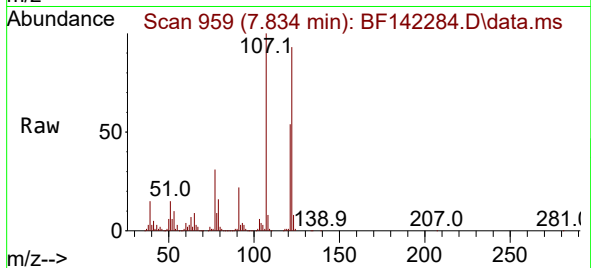
Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS



Tgt Ion:122 Resp: 530229

Ion Ratio Lower Upper

122 100

107 108.0 86.0 129.0

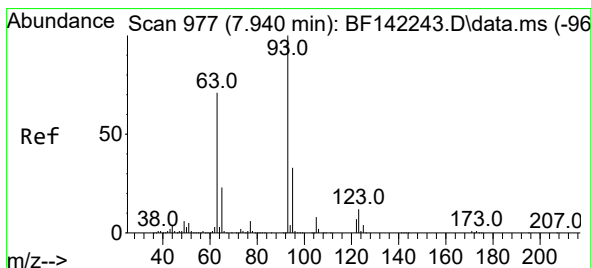
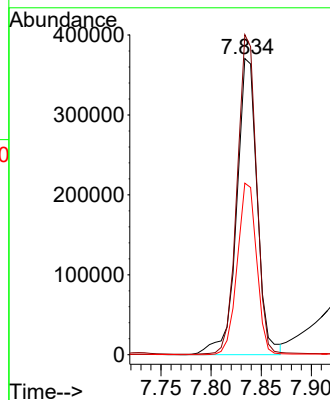
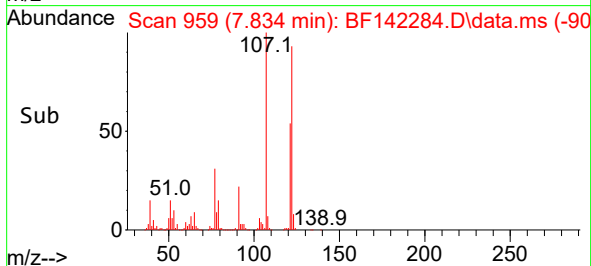
121 57.9 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.928 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

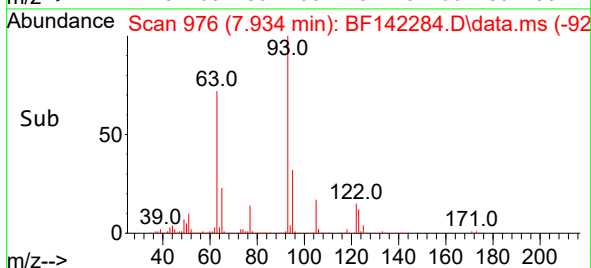
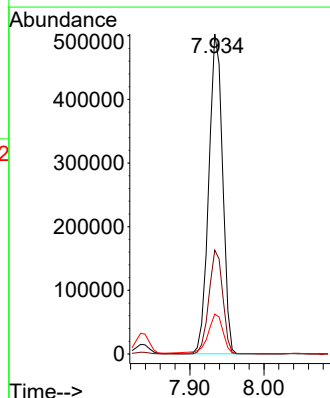
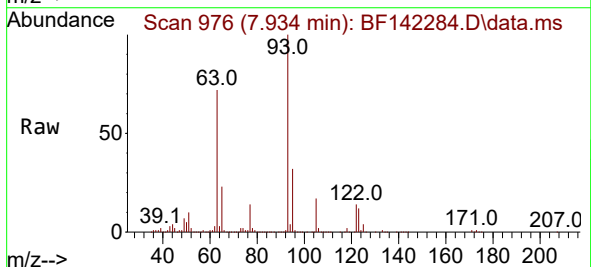
Tgt Ion: 93 Resp: 649216

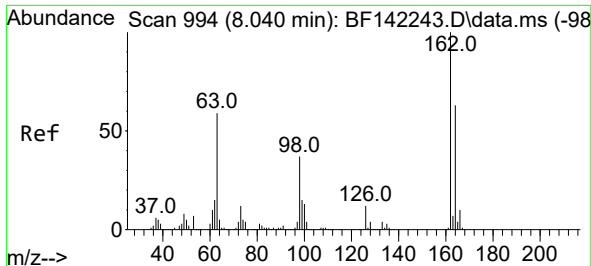
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.5 9.7 14.5





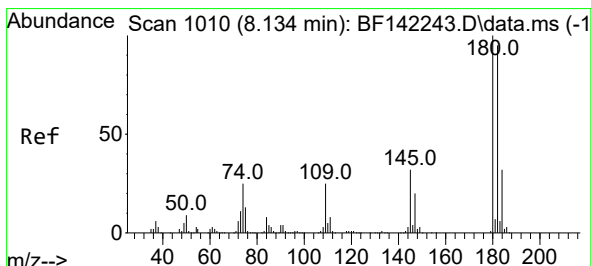
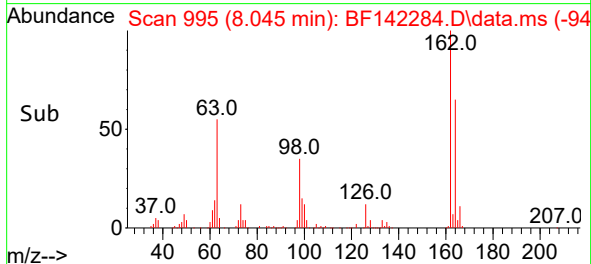
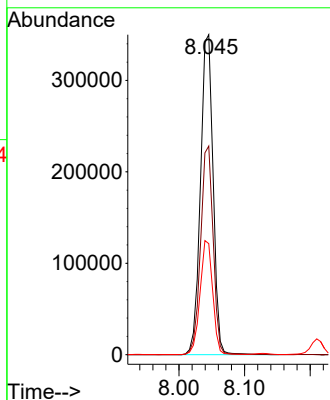
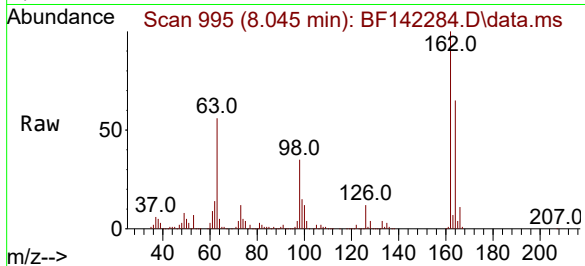
#29
2,4-Dichlorophenol
Concen: 44.341 ng
RT: 8.045 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion:162 Resp: 470111
Ion Ratio Lower Upper
162 100
164 65.2 43.0 83.0
98 34.7 16.7 56.7

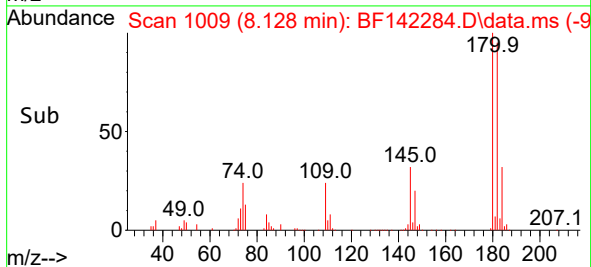
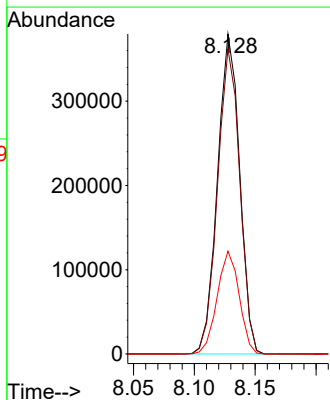
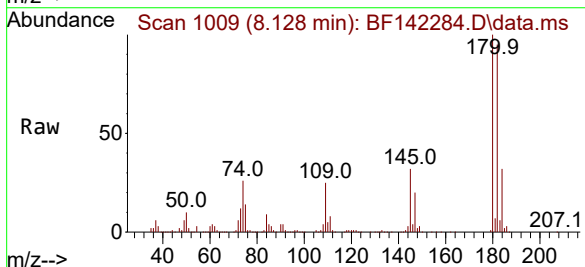
Manual Integrations
APPROVED

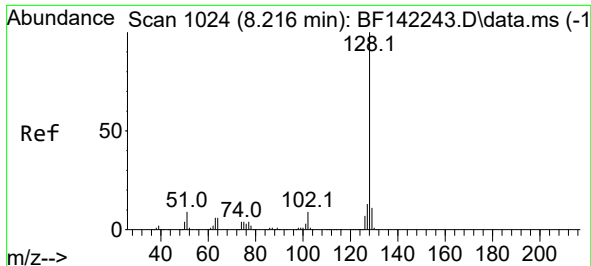
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.685 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:180 Resp: 481342
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 32.1 25.4 38.0





#31

Naphthalene

Concen: 40.668 ng

RT: 8.210 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

Tgt Ion:128 Resp: 159682

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

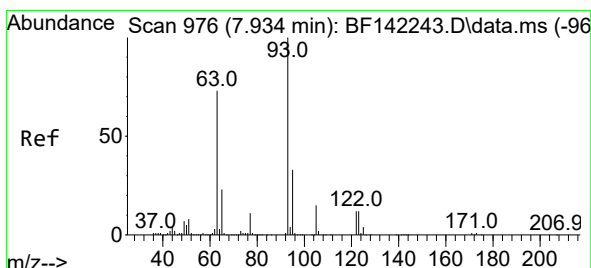
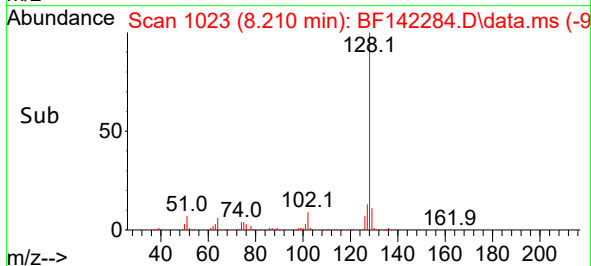
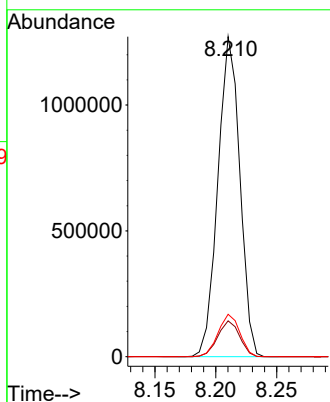
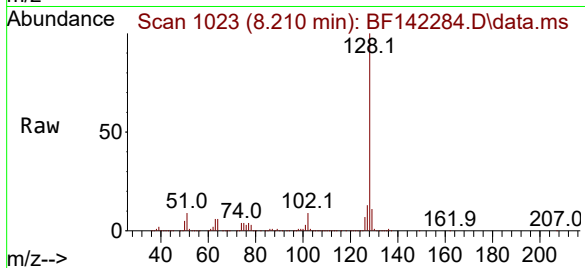
127 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#32

Benzoic acid

Concen: 35.005 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

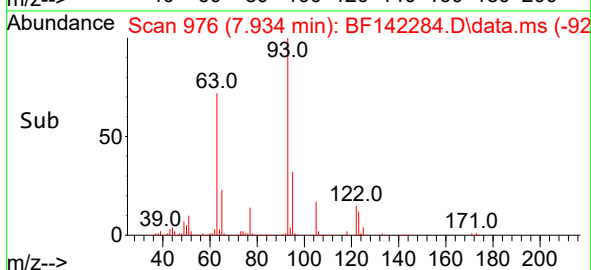
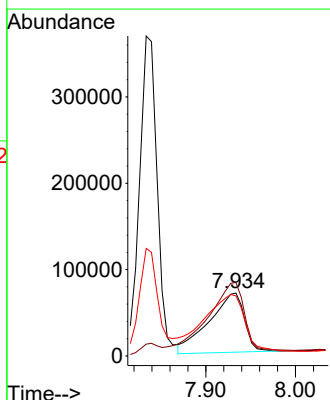
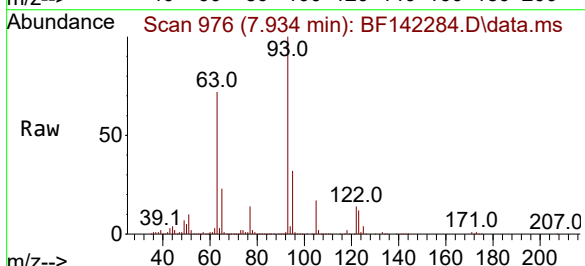
Tgt Ion:122 Resp: 188438

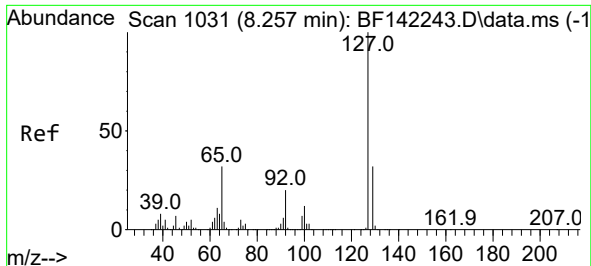
Ion Ratio Lower Upper

122 100

105 116.7 98.2 138.2

77 95.5 66.8 106.8





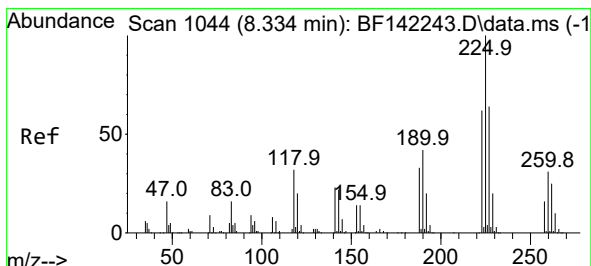
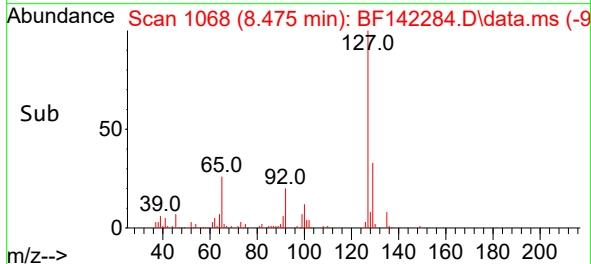
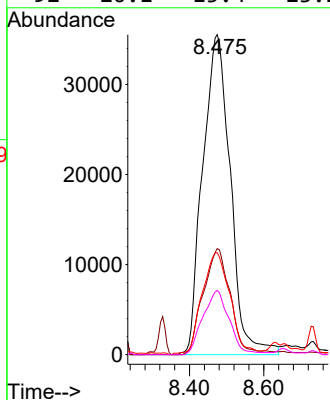
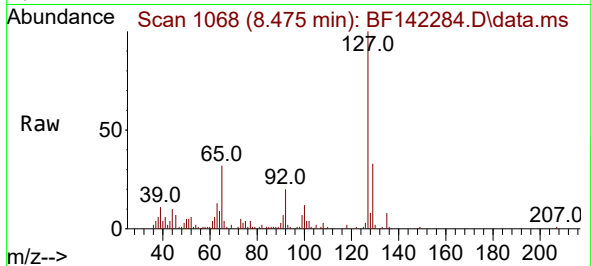
#33
4-Chloroaniline
Concen: 11.233 ng m
RT: 8.475 min Scan# 1031
Delta R.T. 0.218 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion:	127	Resp:	18366
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.1	39.1
65	31.9	25.5	38.3
92	20.1	15.4	23.2

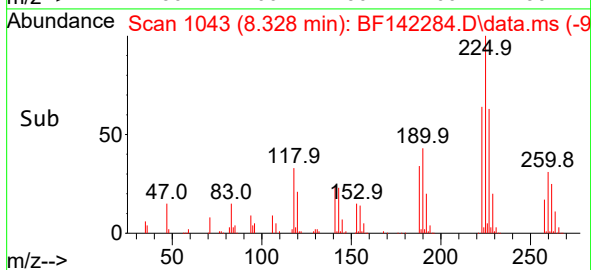
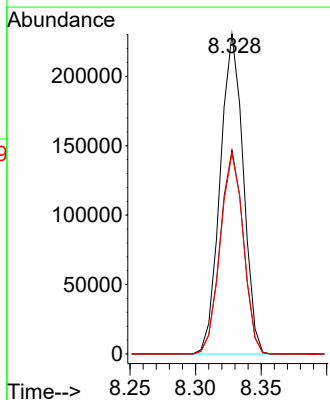
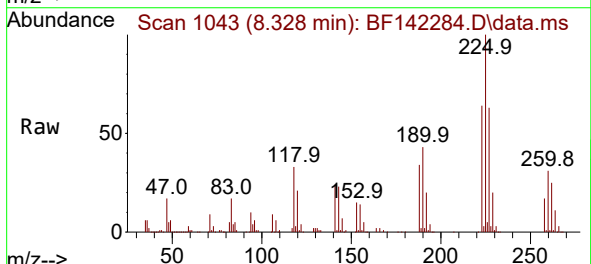
Manual Integrations
APPROVED

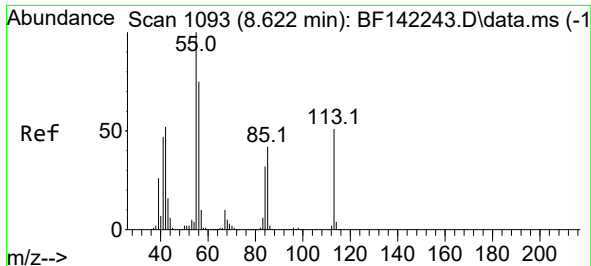
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#34
Hexachlorobutadiene
Concen: 40.768 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

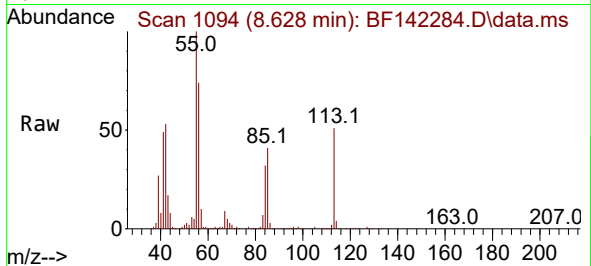
Tgt Ion:	225	Resp:	281407
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.7	74.5
227	62.5	51.0	76.4





#35
Caprolactam
Concen: 43.456 ng m
RT: 8.628 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

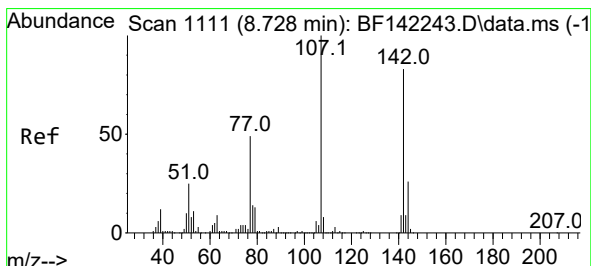
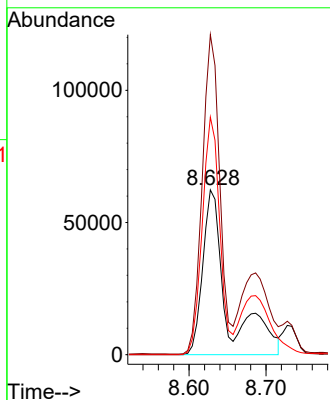
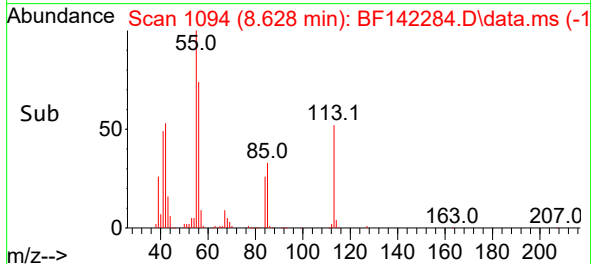
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:113 Resp: 138484
Ion Ratio Lower Upper
113 100
55 194.2 177.7 217.7
56 144.2 127.1 167.1

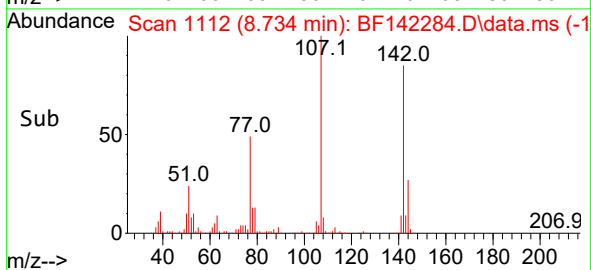
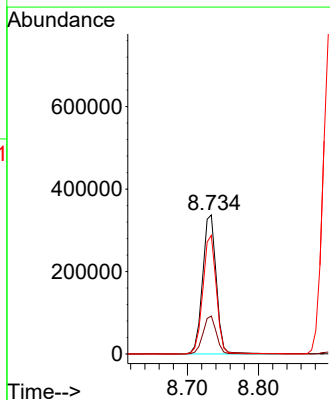
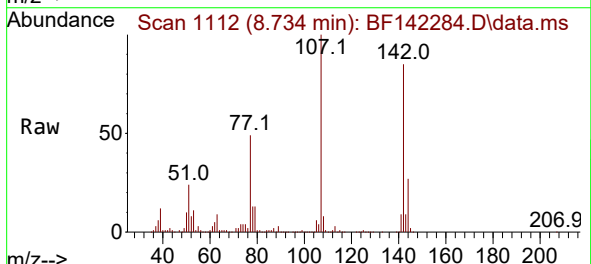
Manual Integrations
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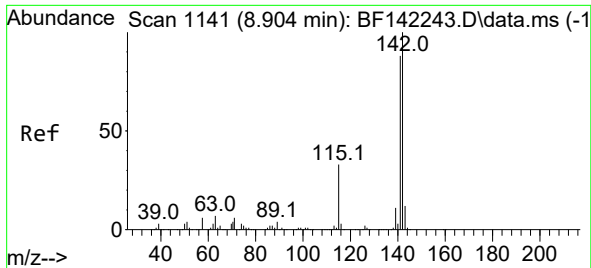
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#36
4-Chloro-3-methylphenol
Concen: 41.628 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

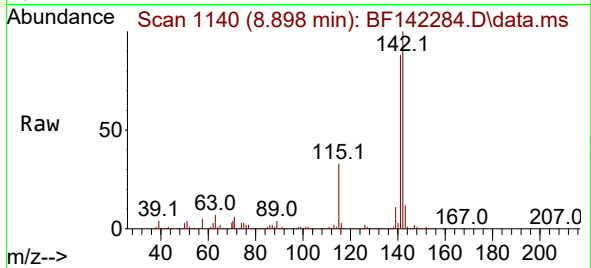
Tgt Ion:107 Resp: 453199
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.4
142 85.3 66.1 99.1





#37
2-Methylnaphthalene
Concen: 41.188 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

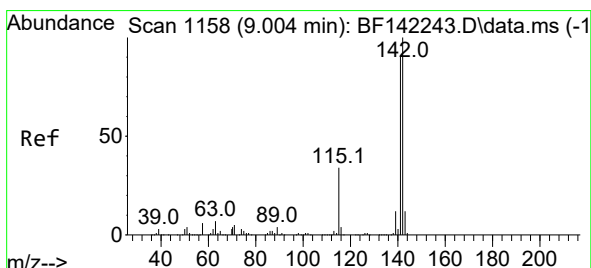
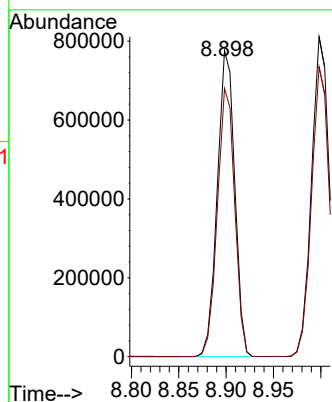
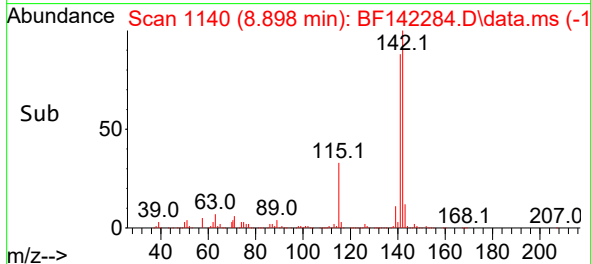
Instrument :
BNA_F
ClientSampleId :
WC-12MS



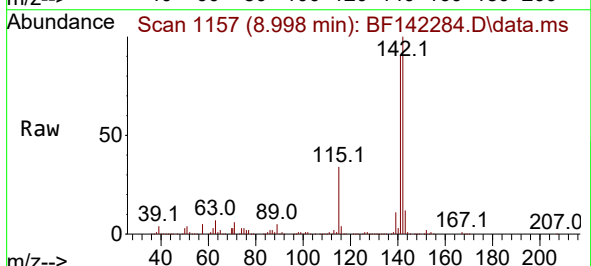
Tgt Ion:142 Resp: 99433
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7

Manual Integrations
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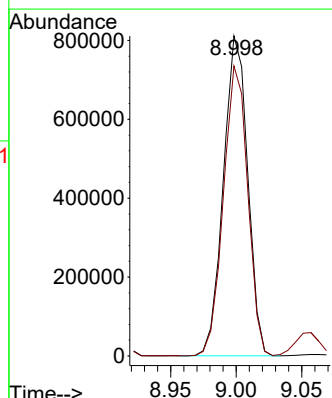
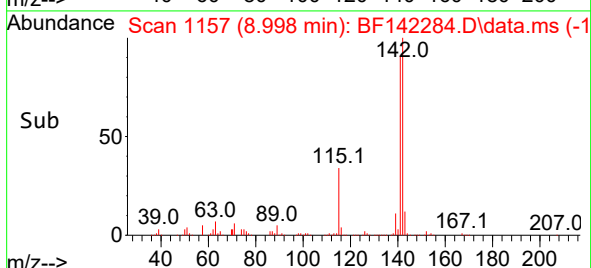
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

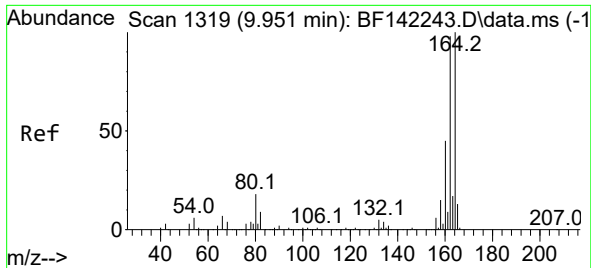


#38
1-Methylnaphthalene
Concen: 41.777 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



Tgt Ion:142 Resp: 1044823
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

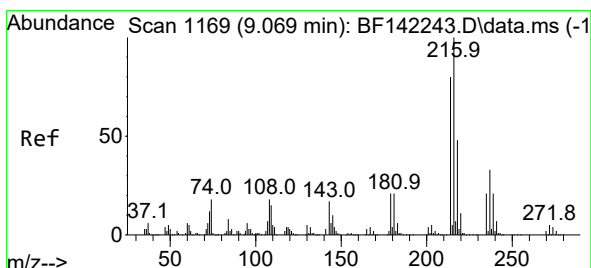
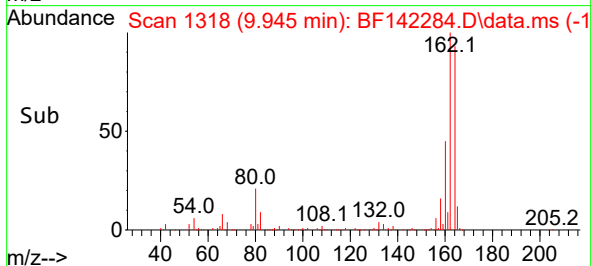
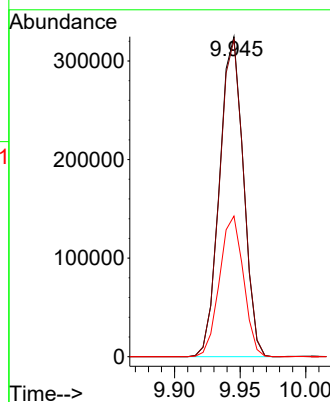
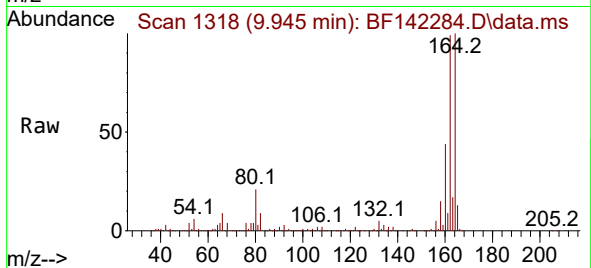
Tgt Ion:164 Resp: 409977
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.6 117.8
 160 43.9 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.772 ng

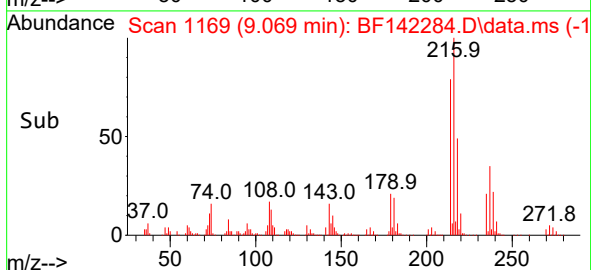
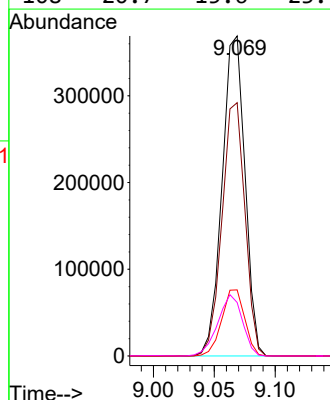
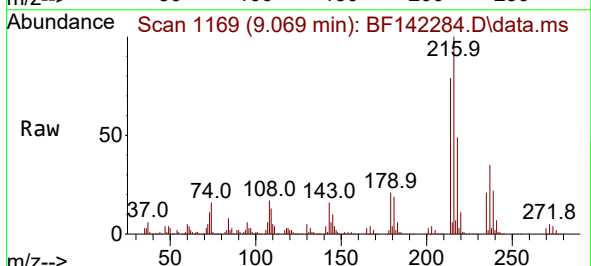
RT: 9.069 min Scan# 1169

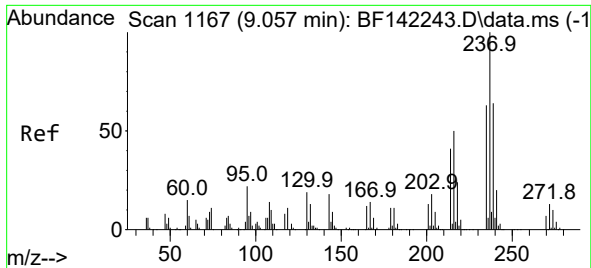
Delta R.T. -0.000 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

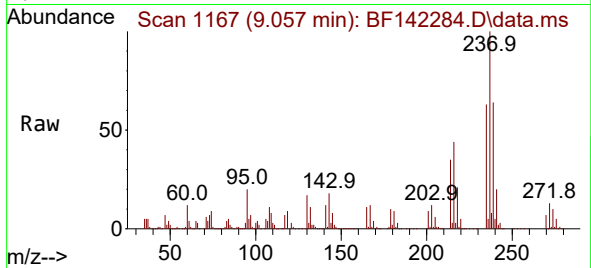
Tgt Ion:216 Resp: 481971
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.8 95.6
 179 20.9 16.7 25.1
 108 20.7 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 95.571 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

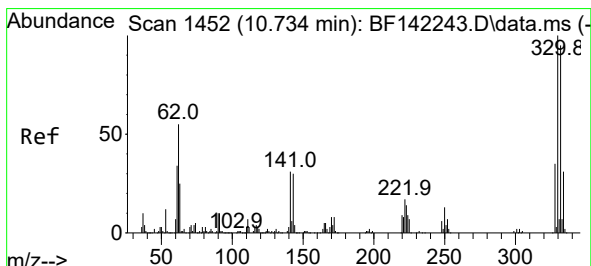
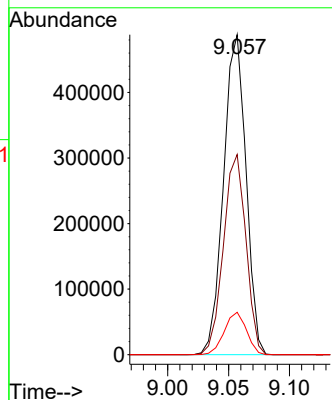
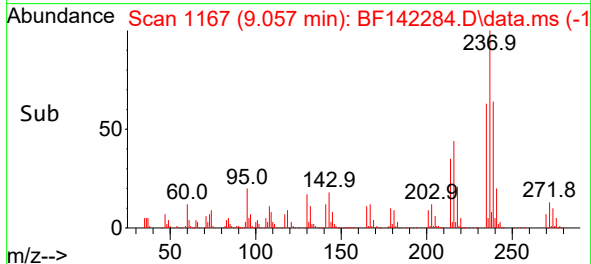
Instrument :
BNA_F
ClientSampleId :
WC-12MS



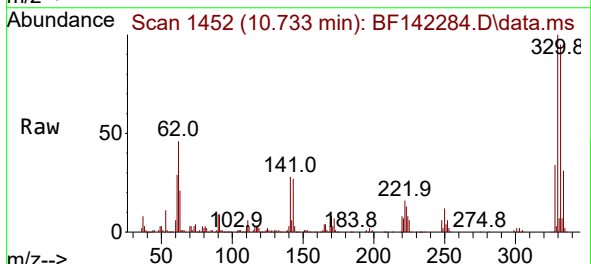
Tgt Ion:237 Resp: 625830
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 13.2 0.0 32.9

Manual Integrations
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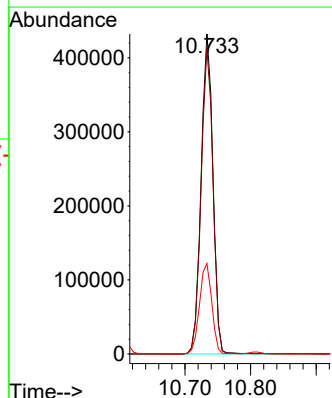
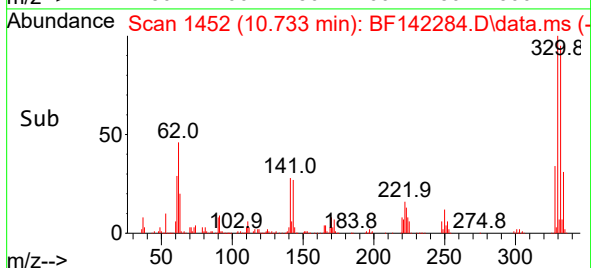
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

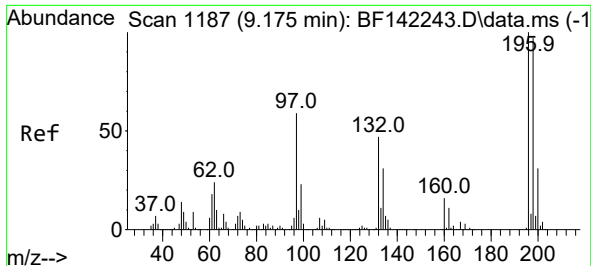


#42
2,4,6-Tribromophenol
Concen: 145.513 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



Tgt Ion:330 Resp: 543856
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 29.4 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 47.594 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

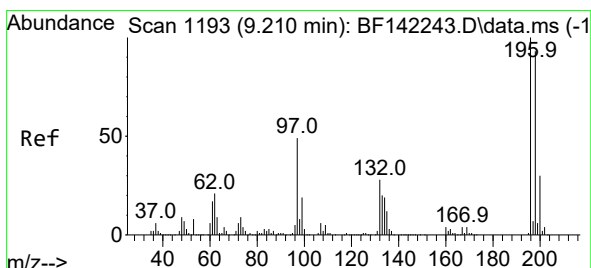
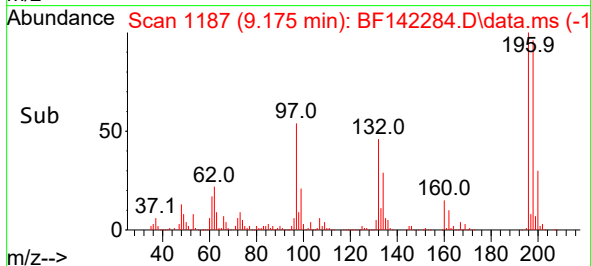
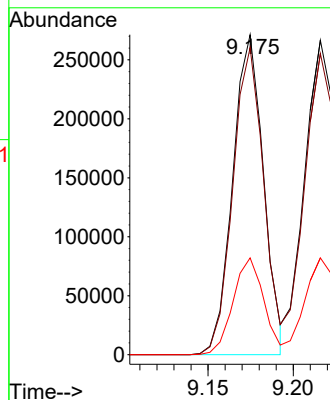
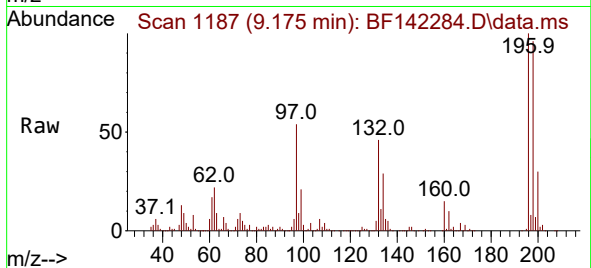
Tgt Ion:196 Resp: 34028
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.4 116.2
 200 30.2 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#44

2,4,5-Trichlorophenol

Concen: 47.652 ng

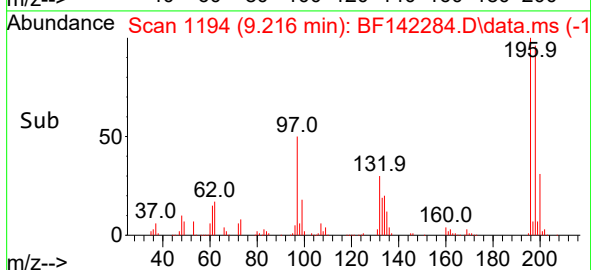
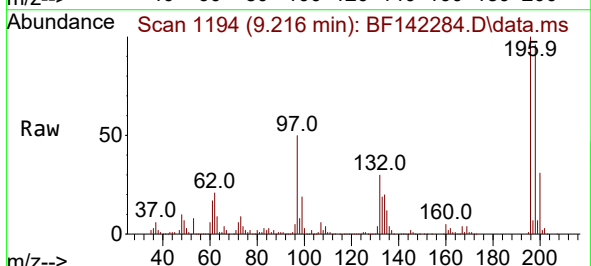
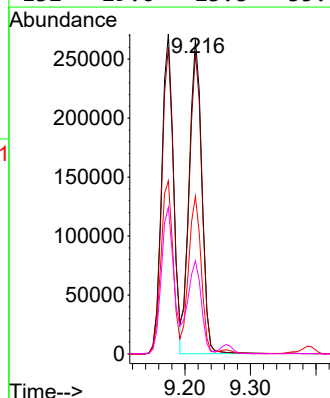
RT: 9.216 min Scan# 1194

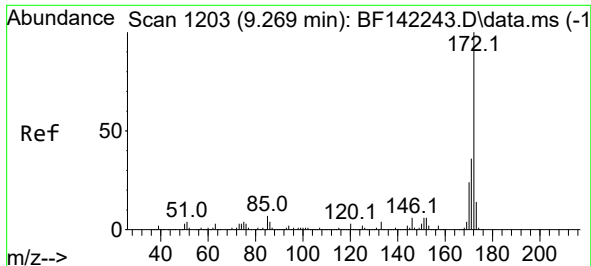
Delta R.T. 0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Tgt Ion:196 Resp: 358207
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.2 112.8
 97 50.1 39.8 59.8
 132 29.6 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 73.319 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

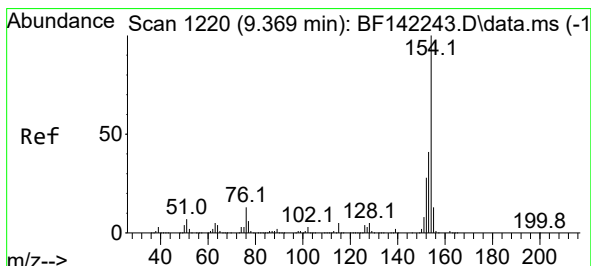
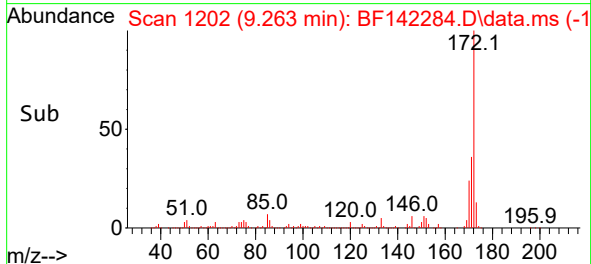
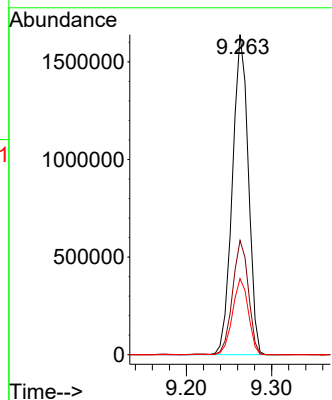
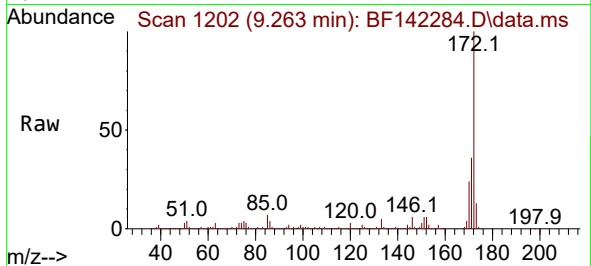
WC-12MS

Tgt Ion:172 Resp: 2131900
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.4 29.0

Manual Integrations

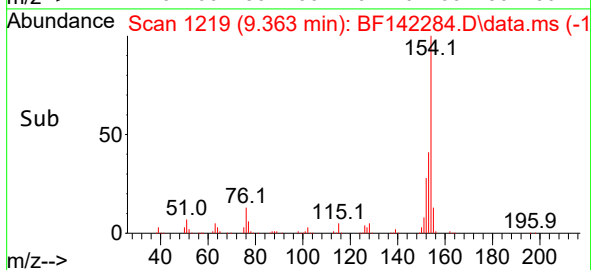
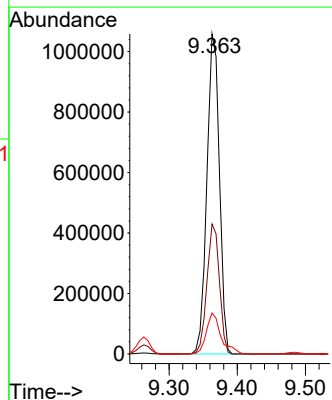
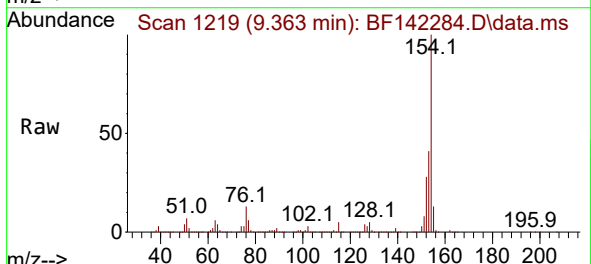
APPROVED

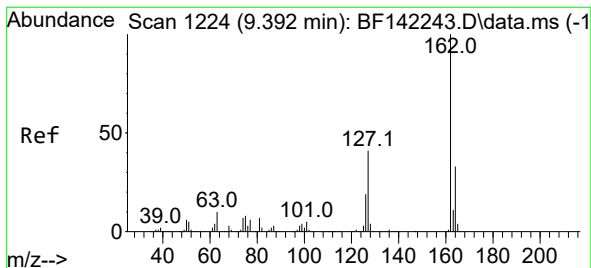
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#46
1,1'-Biphenyl
Concen: 42.376 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

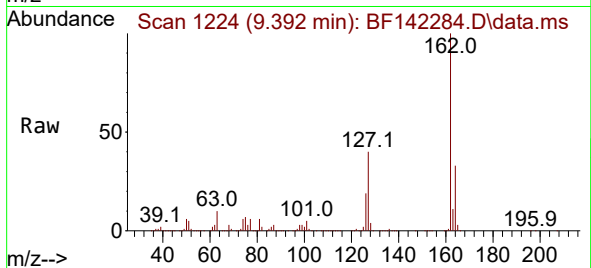
Tgt Ion:154 Resp: 1350609
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 42.465 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

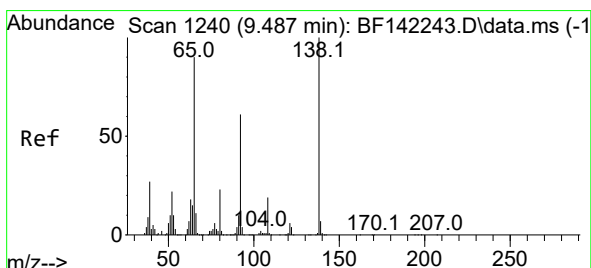
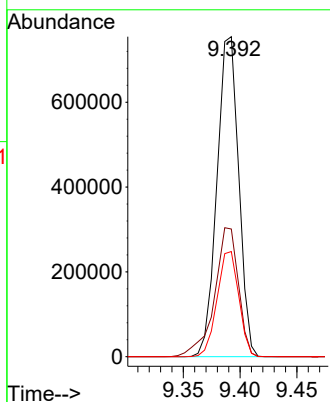
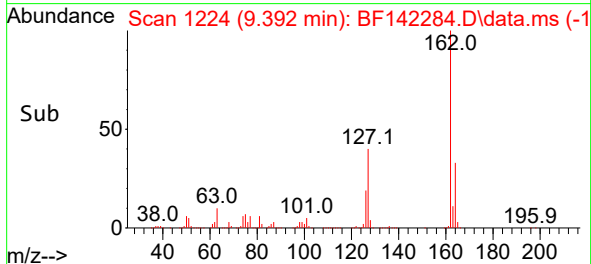
Instrument :
BNA_F
ClientSampleId :
WC-12MS



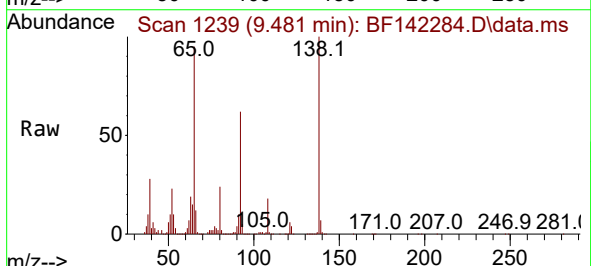
Tgt Ion:162 Resp: 100696
Ion Ratio Lower Upper
162 100
127 39.9 32.6 49.0
164 32.9 26.1 39.1

Manual Integrations
APPROVED

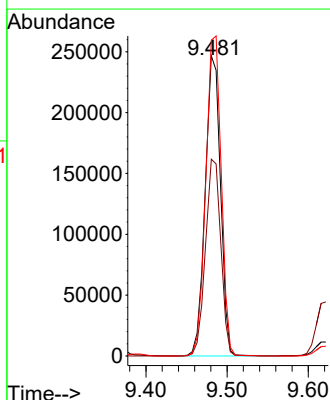
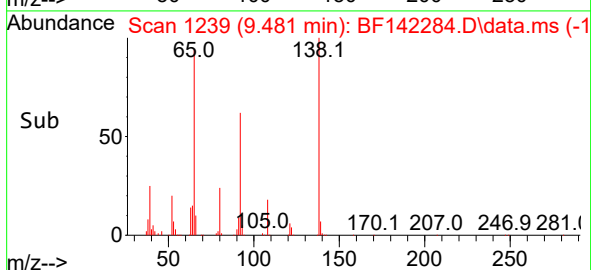
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

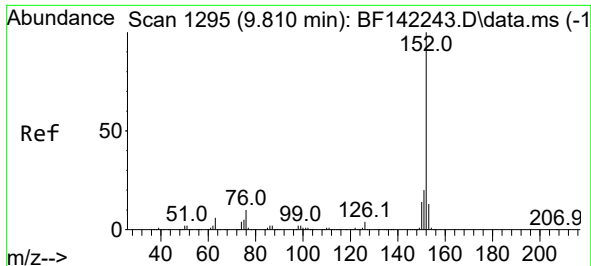


#48
2-Nitroaniline
Concen: 51.225 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



Tgt Ion: 65 Resp: 322548
Ion Ratio Lower Upper
65 100
92 65.6 54.3 81.5
138 105.2 88.6 133.0





#49

Acenaphthylene

Concen: 42.605 ng

RT: 9.804 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

Tgt Ion:152 Resp: 170482

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

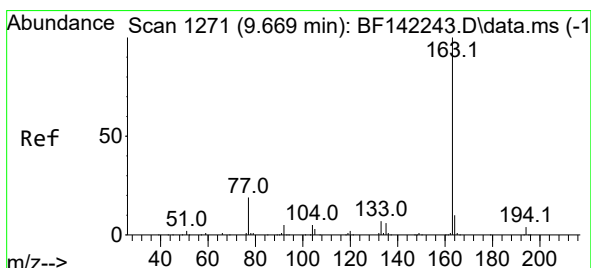
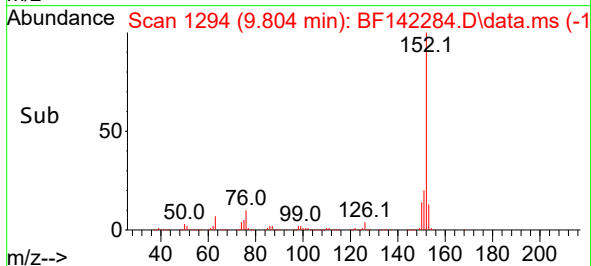
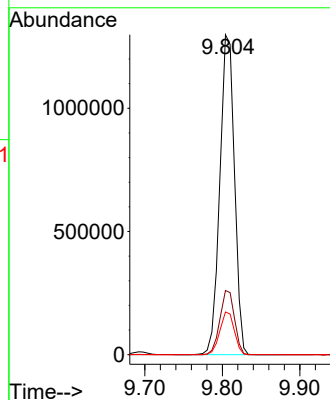
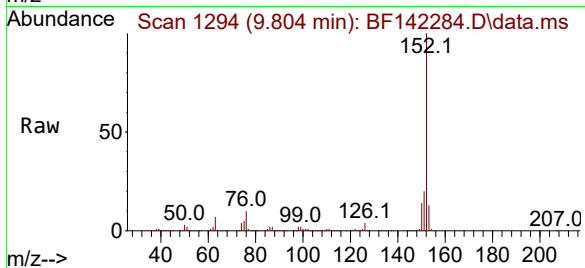
153 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#50

Dimethylphthalate

Concen: 45.113 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

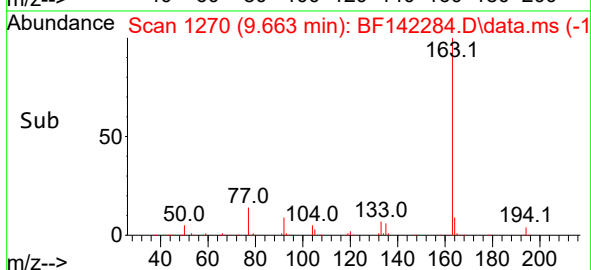
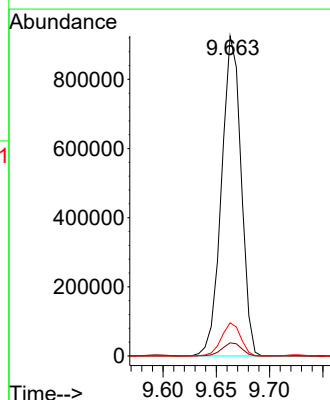
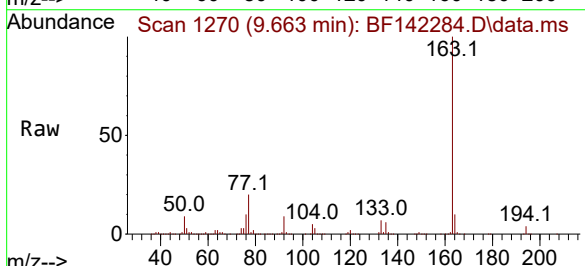
Tgt Ion:163 Resp: 1183234

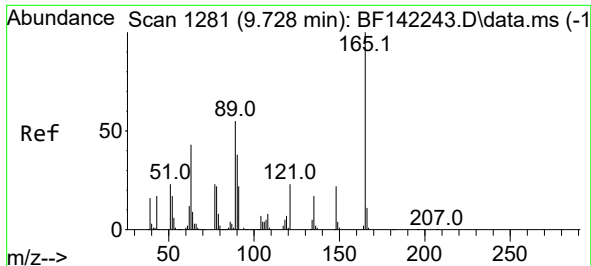
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

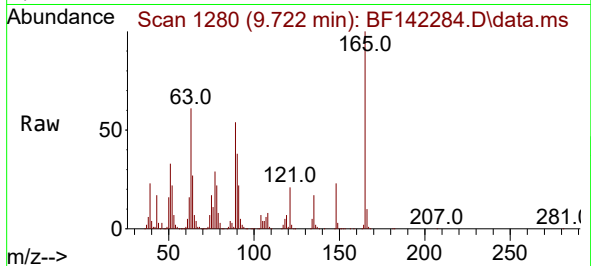
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.810 ng
RT: 9.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

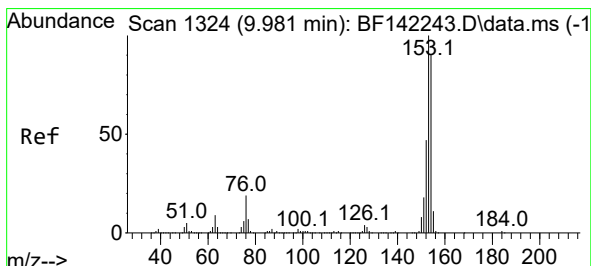
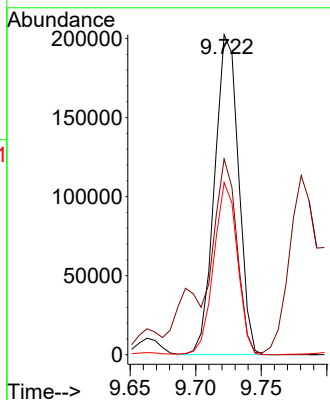
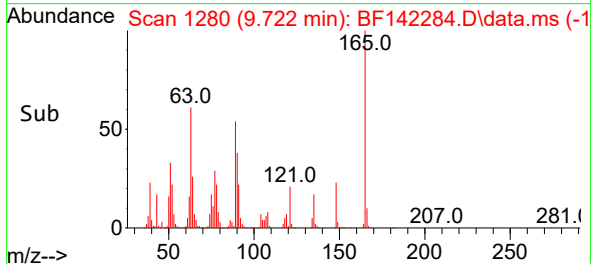
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:165 Resp: 256900
Ion Ratio Lower Upper
165 100
63 61.2 48.5 72.7
89 53.8 43.9 65.9

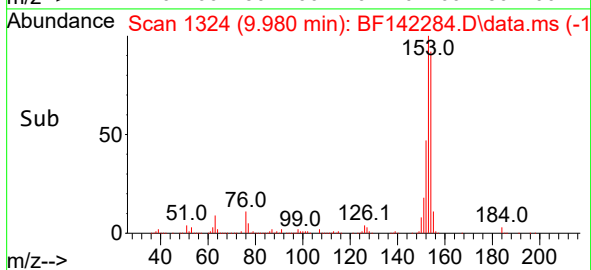
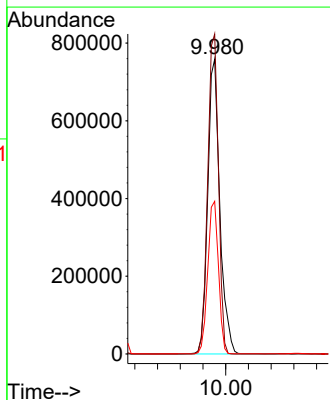
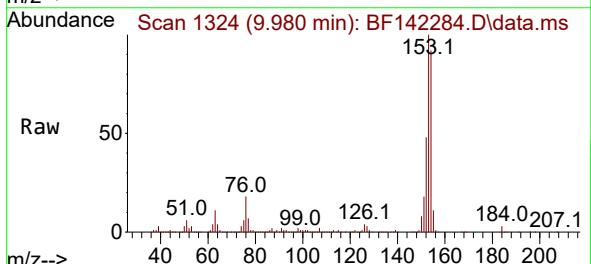
Manual Integrations
APPROVED

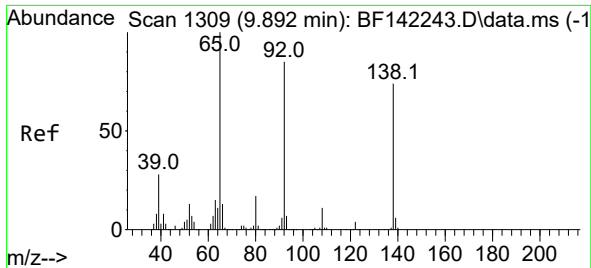
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#52
Acenaphthene
Concen: 47.754 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

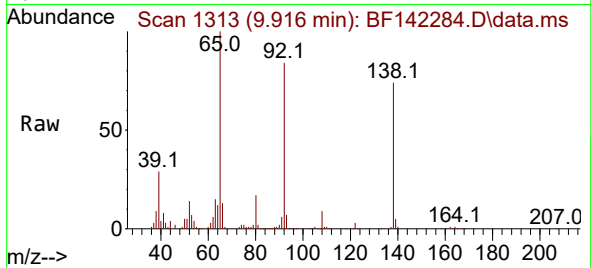
Tgt Ion:154 Resp: 1115735
Ion Ratio Lower Upper
154 100
153 108.6 88.6 133.0
152 51.8 42.1 63.1





#53
3-Nitroaniline
Concen: 26.215 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

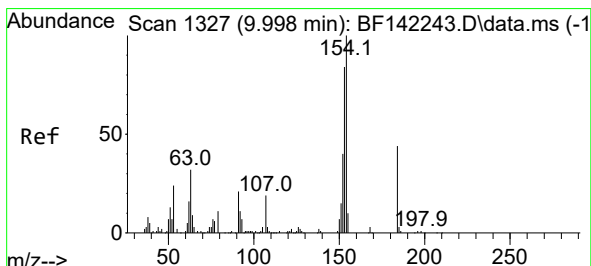
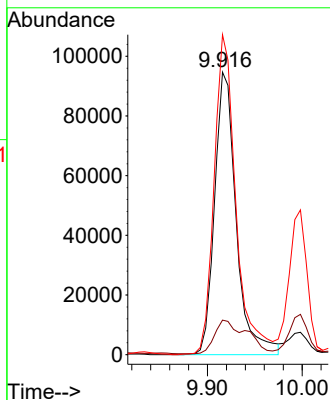
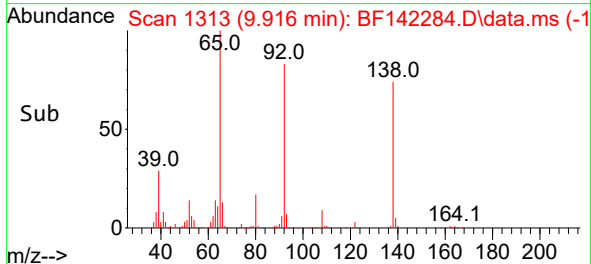
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:138 Resp: 150940
Ion Ratio Lower Upper
138 100
108 12.2 11.7 17.5
92 113.2 91.2 136.8

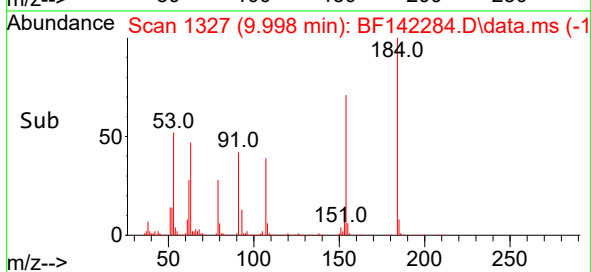
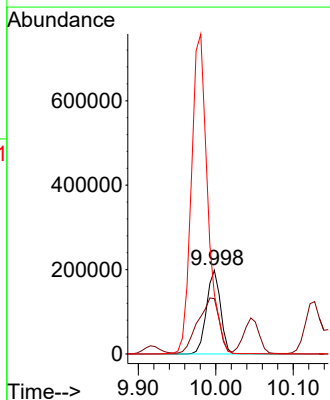
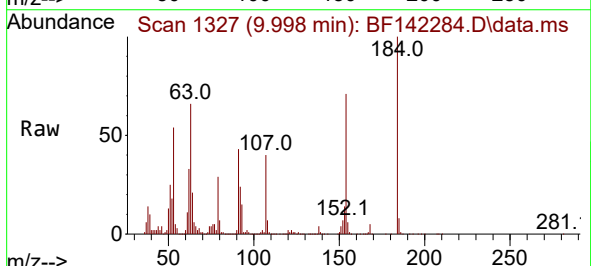
Manual Integrations
APPROVED

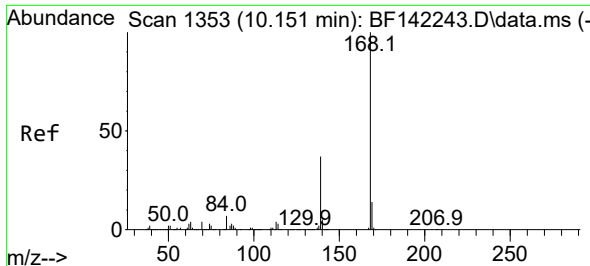
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#54
2,4-Dinitrophenol
Concen: 115.189 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

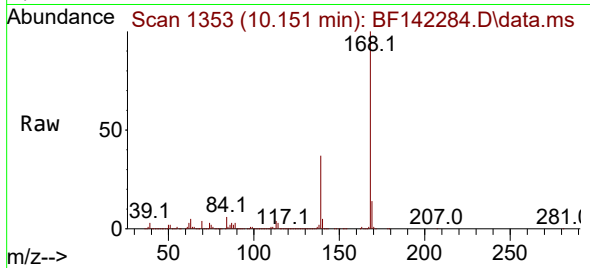
Tgt Ion:184 Resp: 249236
Ion Ratio Lower Upper
184 100
63 66.1 69.2 103.8#
154 71.2 271.4 407.2#





#55
Dibenzenofuran
Concen: 42.610 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

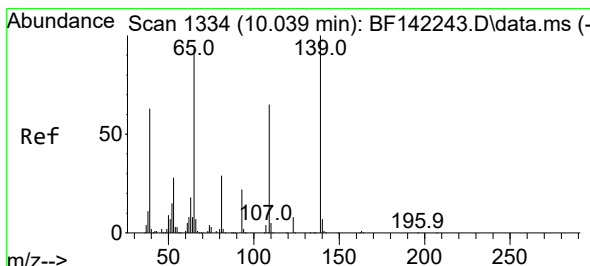
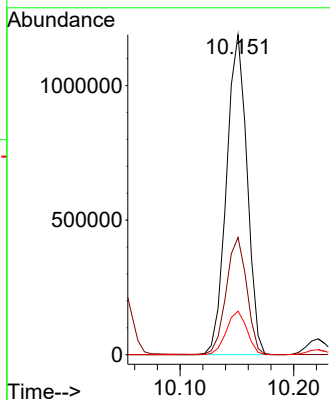
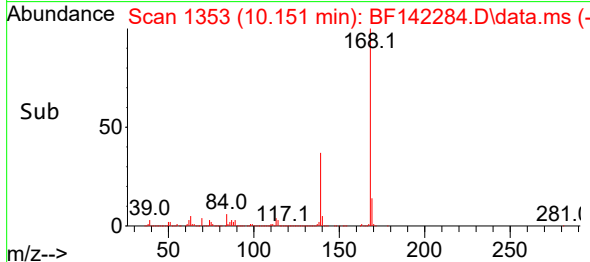
Instrument :
BNA_F
ClientSampleId :
WC-12MS



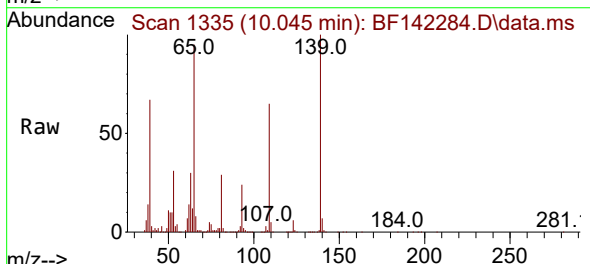
Tgt Ion:168 Resp: 149235
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.6 11.0 16.4

Manual Integrations
APPROVED

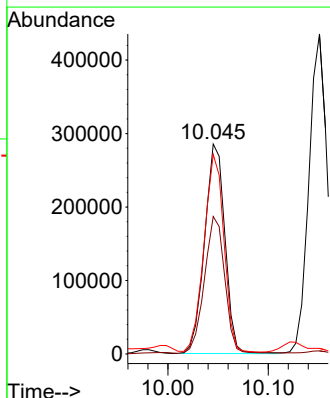
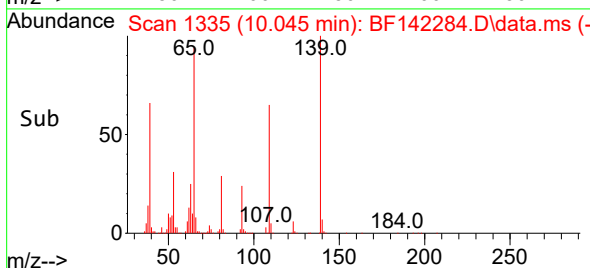
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

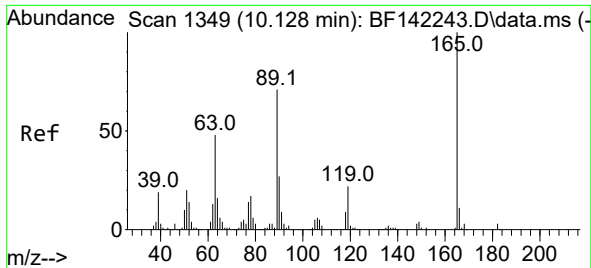


#56
4-Nitrophenol
Concen: 97.807 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



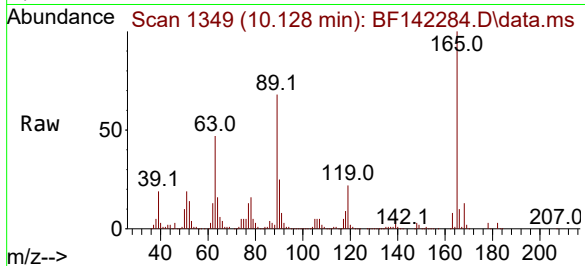
Tgt Ion:139 Resp: 403222
Ion Ratio Lower Upper
139 100
109 65.4 44.9 84.9
65 95.1 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 54.180 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

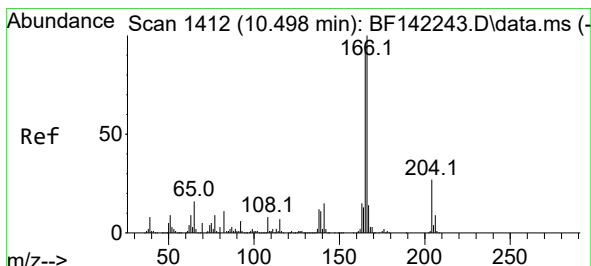
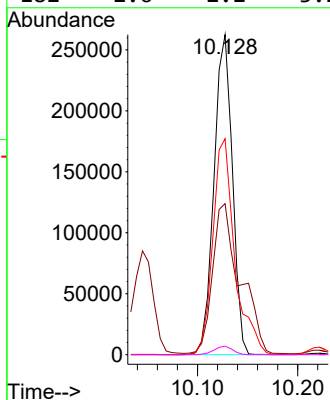
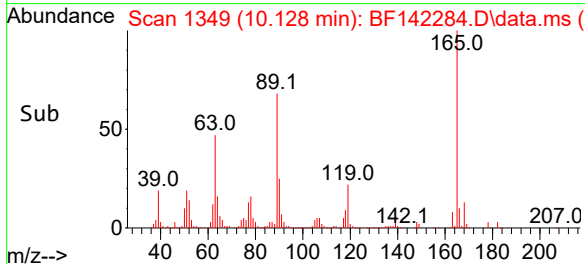
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:165 Resp: 334352
Ion Ratio Lower Upper
165 100
63 47.2 38.8 58.2
89 67.5 57.1 85.7
182 2.6 2.2 3.2

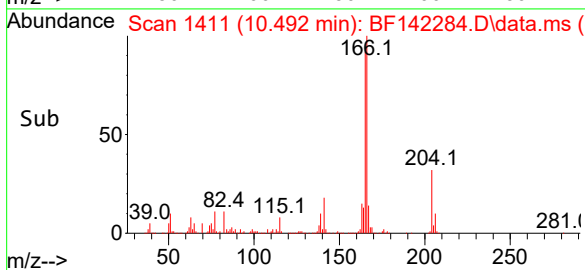
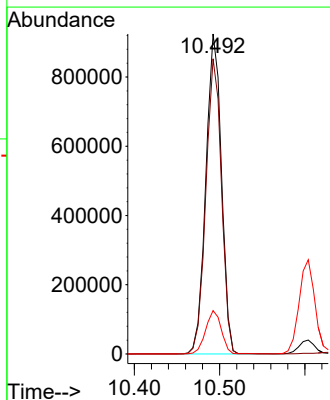
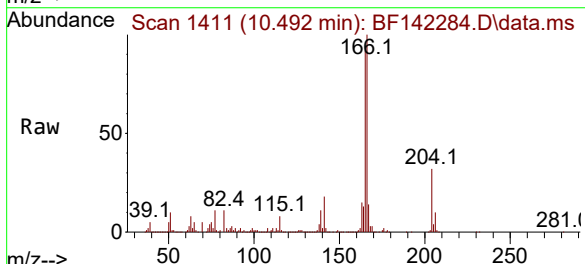
Manual Integrations
APPROVED

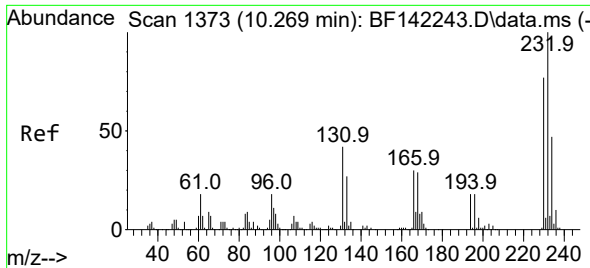
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#58
Fluorene
Concen: 44.162 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

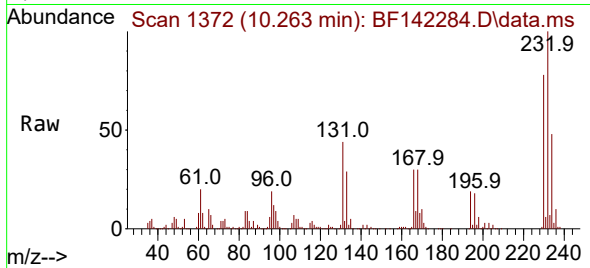
Tgt Ion:166 Resp: 1176047
Ion Ratio Lower Upper
166 100
165 92.2 73.9 110.9
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.325 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

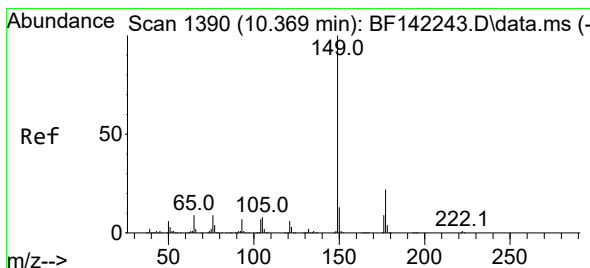
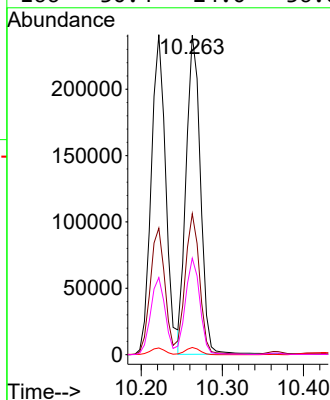
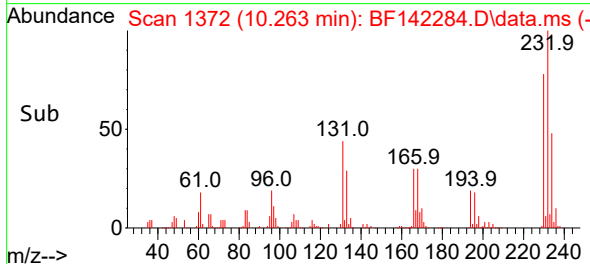
Instrument :
BNA_F
ClientSampleId :
WC-12MS



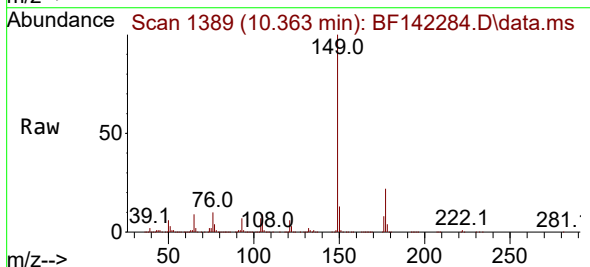
Tgt Ion:232 Resp: 294684
Ion Ratio Lower Upper
232 100
131 44.3 35.9 53.9
130 2.3 1.8 2.6
166 30.4 24.0 36.0

Manual Integrations
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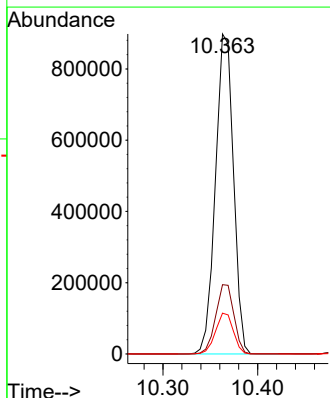
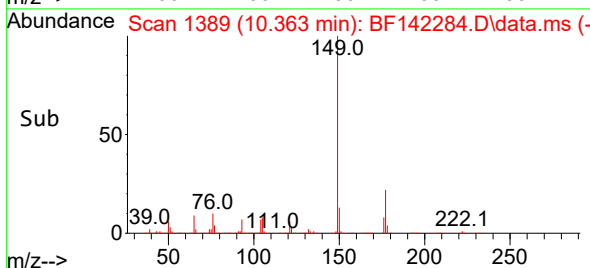
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

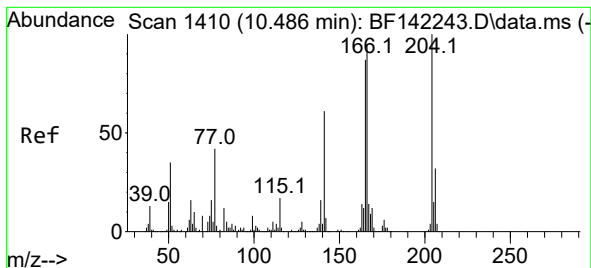


#60
Diethylphthalate
Concen: 45.918 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



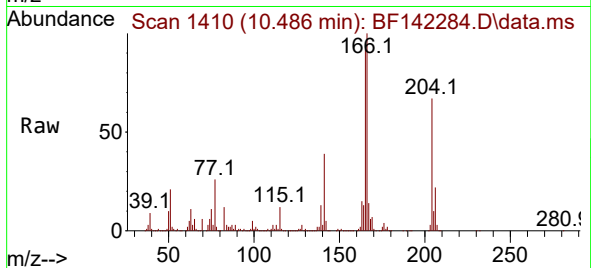
Tgt Ion:149 Resp: 1189291
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.324 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

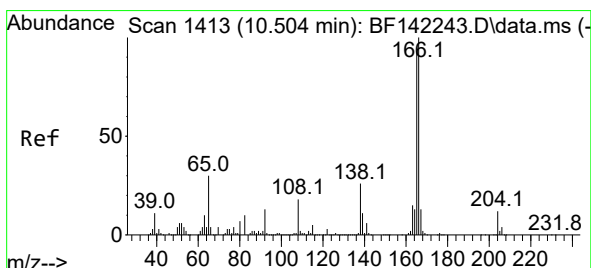
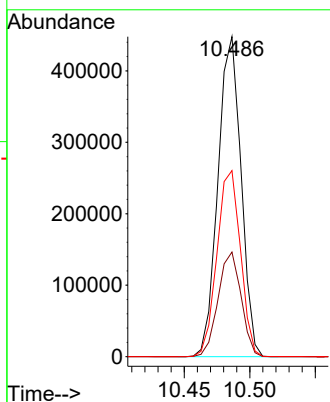
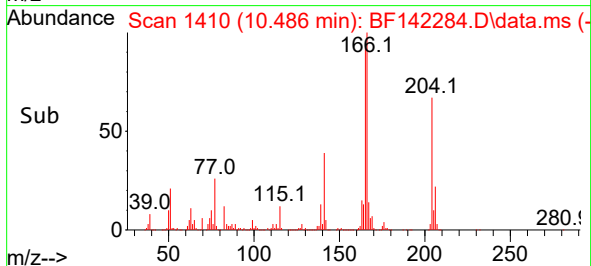
Instrument :
BNA_F
ClientSampleId :
WC-12MS



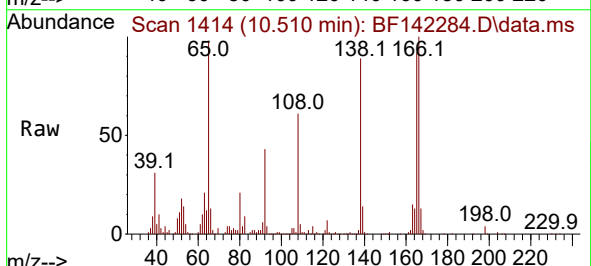
Tgt Ion:204 Resp: 547908
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 58.2 48.9 73.3

Manual Integrations
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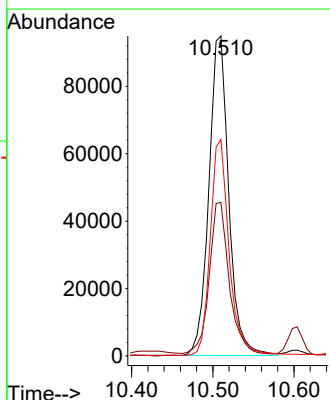
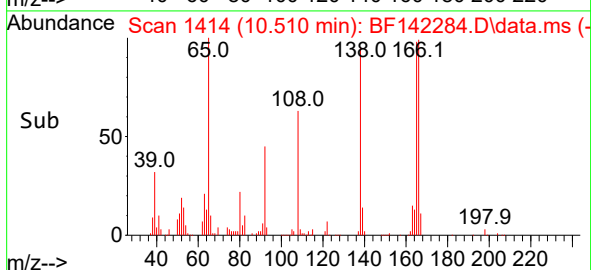
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

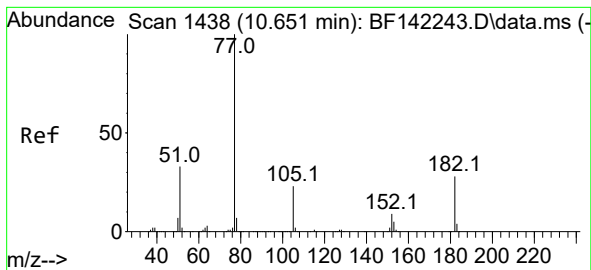


#62
4-Nitroaniline
Concen: 30.123 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



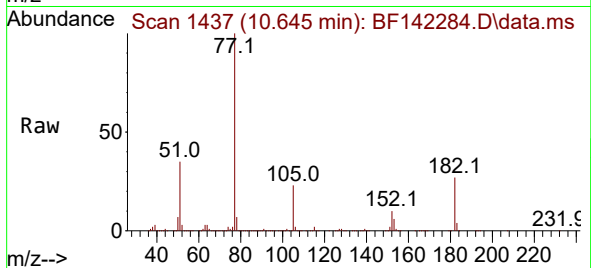
Tgt Ion:138 Resp: 161515
Ion Ratio Lower Upper
138 100
92 48.0 29.2 69.2
108 67.7 49.1 89.1





#63
Azobenzene
Concen: 42.867 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

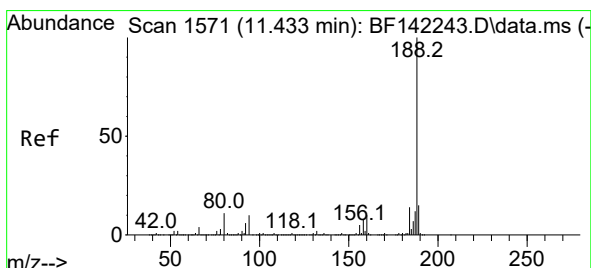
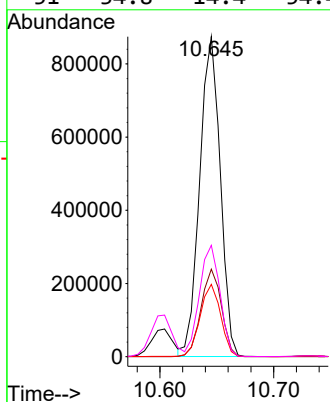
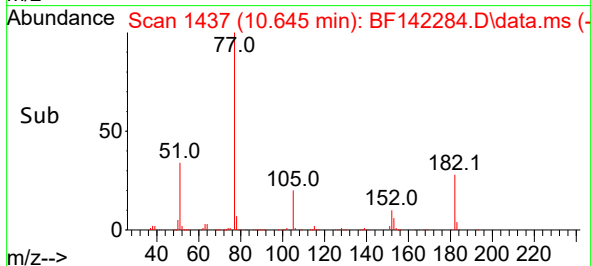
Instrument :
BNA_F
ClientSampleId :
WC-12MS



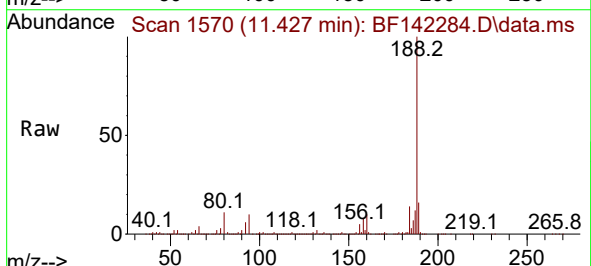
Tgt Ion: 77 Resp: 109635
Ion Ratio Lower Upper
77 100
182 27.4 7.3 47.3
105 22.6 2.5 42.5
51 34.8 14.4 54.4

Manual Integrations
APPROVED

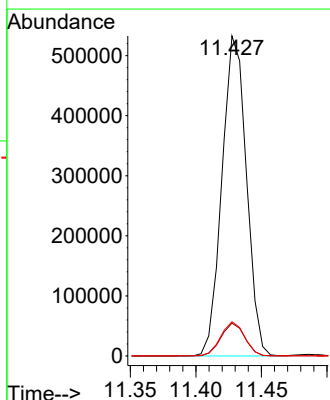
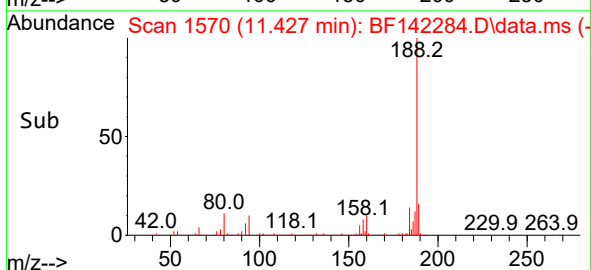
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

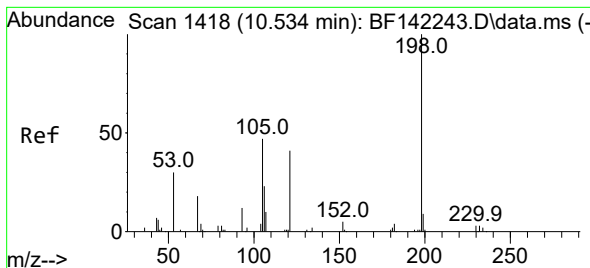


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



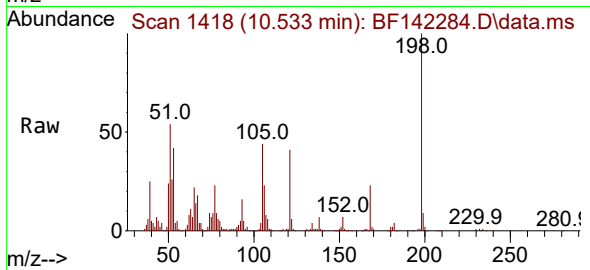
Tgt Ion:188 Resp: 690627
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 63.273 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

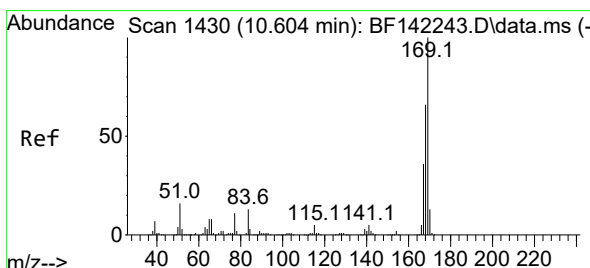
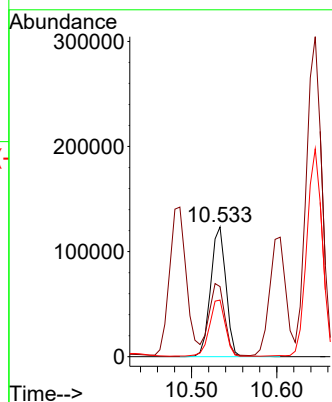
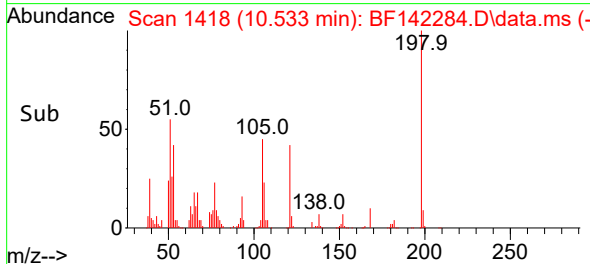
Instrument :
BNA_F
ClientSampleId :
WC-12MS



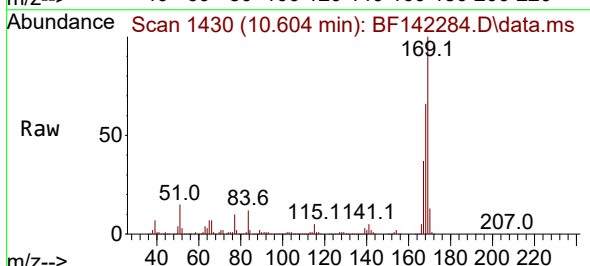
Tgt Ion:198 Resp: 153800
Ion Ratio Lower Upper
198 100
51 54.0 40.6 80.6
105 43.6 29.2 69.2

Manual Integrations
APPROVED

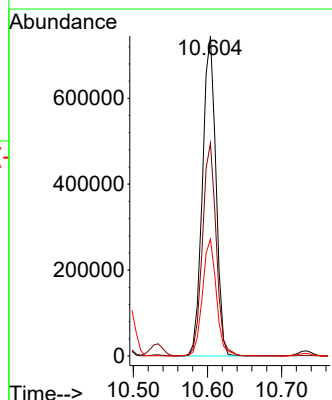
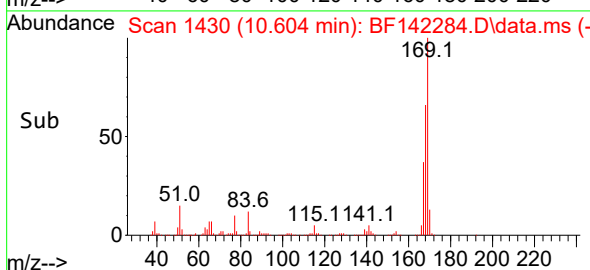
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

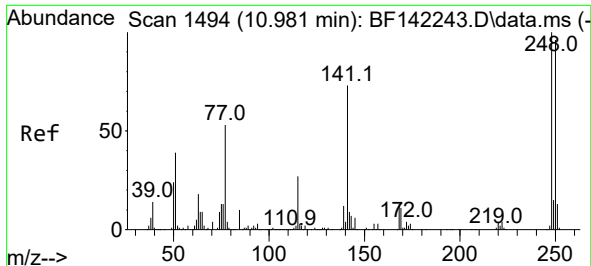


#66
n-Nitrosodiphenylamine
Concen: 39.857 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



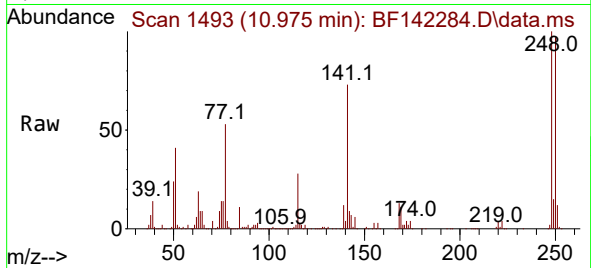
Tgt Ion:169 Resp: 940521
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.352 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

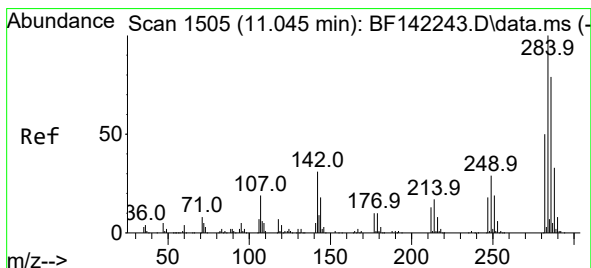
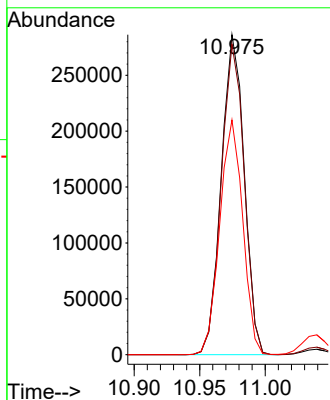
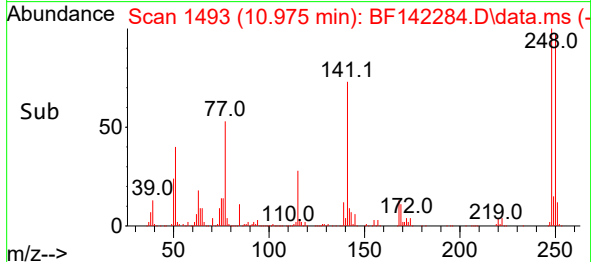
Instrument :
BNA_F
ClientSampleId :
WC-12MS



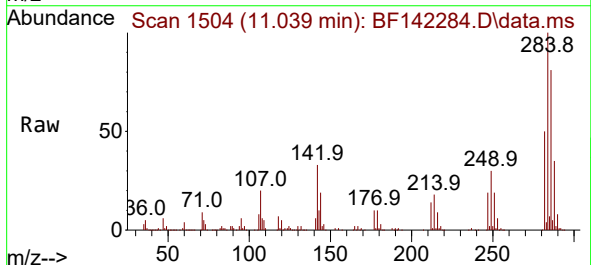
Tgt Ion:248 Resp: 348818
Ion Ratio Lower Upper
248 100
250 97.0 77.2 115.8
141 73.3 58.4 87.6

Manual Integrations
APPROVED

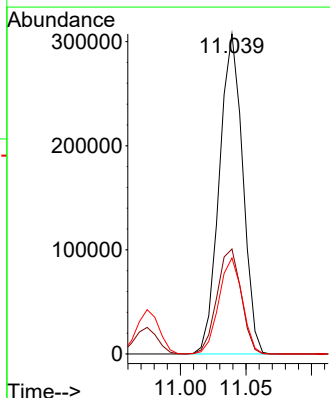
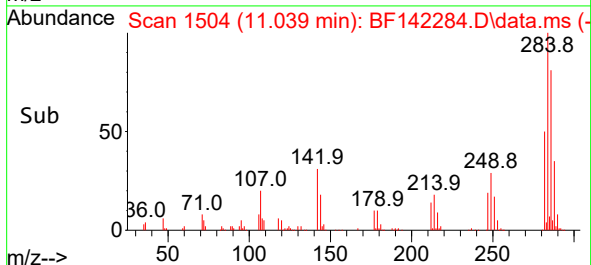
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

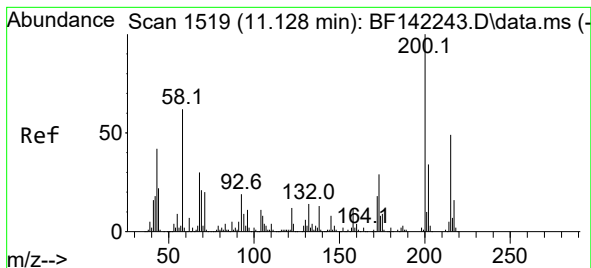


#68
Hexachlorobenzene
Concen: 44.262 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49



Tgt Ion:284 Resp: 381276
Ion Ratio Lower Upper
284 100
142 32.8 24.6 37.0
249 30.0 23.2 34.8





#69

Atrazine

Concen: 14.489 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.023 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

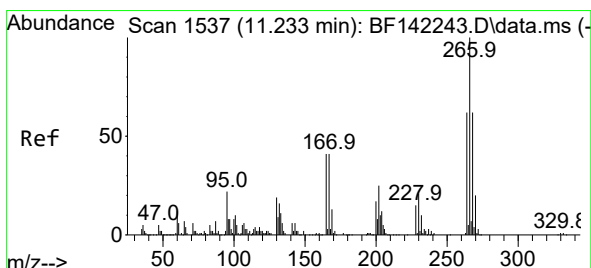
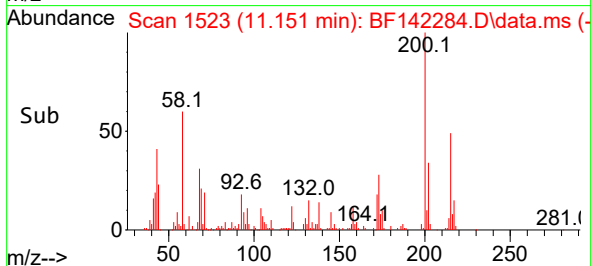
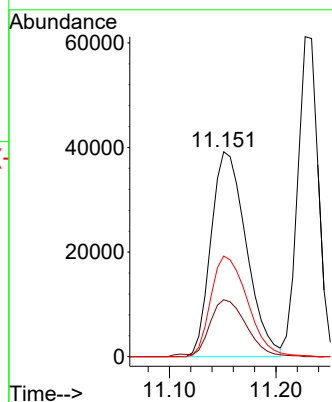
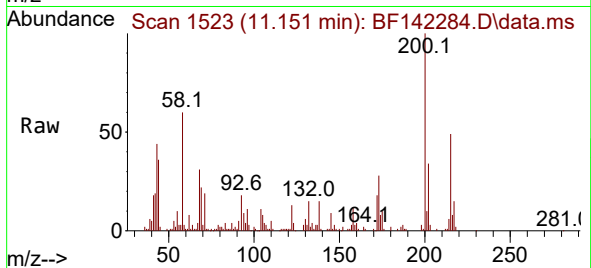
Tgt Ion:	200	Resp:	90120
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.6	48.6
215	49.1	28.5	68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#70

Pentachlorophenol

Concen: 101.930 ng

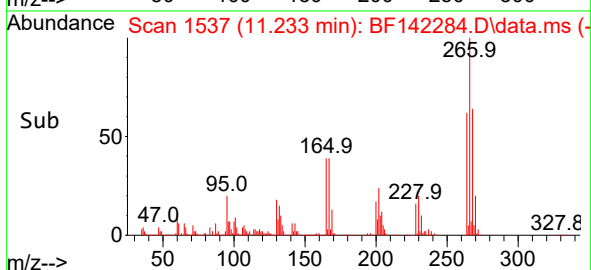
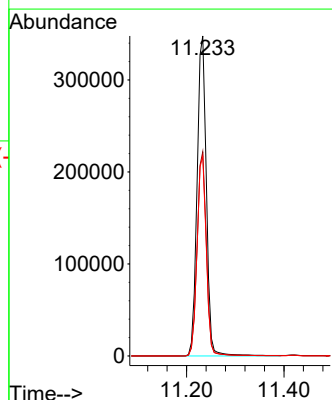
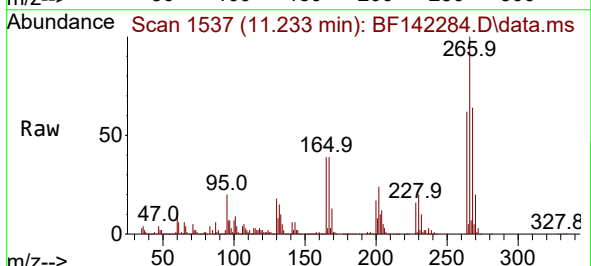
RT: 11.233 min Scan# 1537

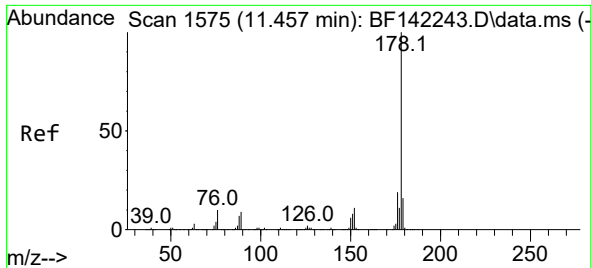
Delta R.T. 0.000 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Tgt Ion:	266	Resp:	463857
Ion Ratio	Lower	Upper	
266	100		
268	63.8	50.0	75.0
264	62.5	49.3	73.9





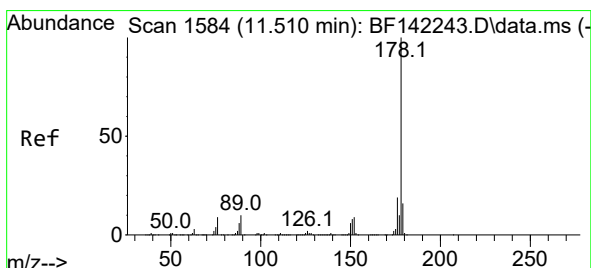
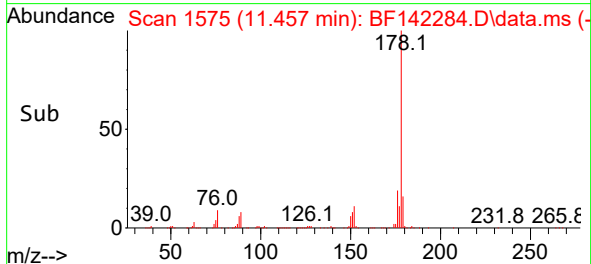
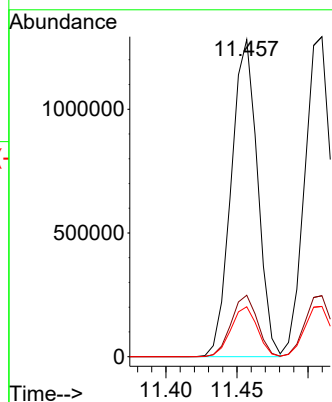
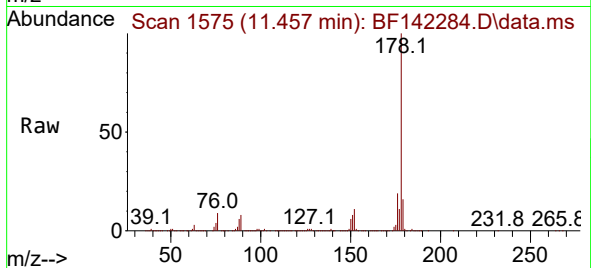
#71
Phenanthrene
Concen: 44.271 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Tgt Ion:178 Resp: 165151
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.6 19.0

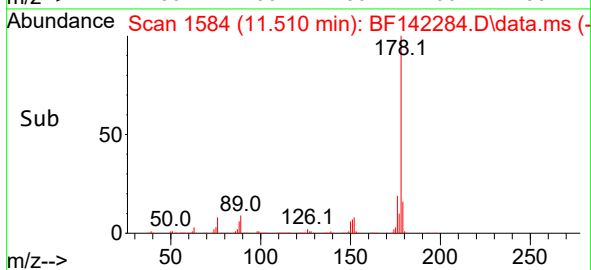
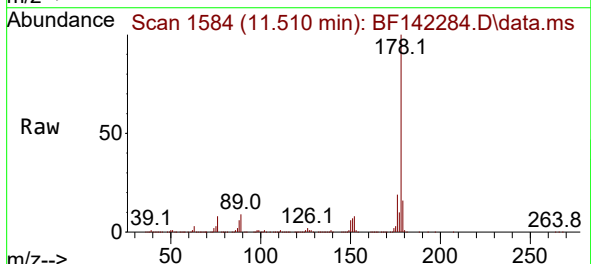
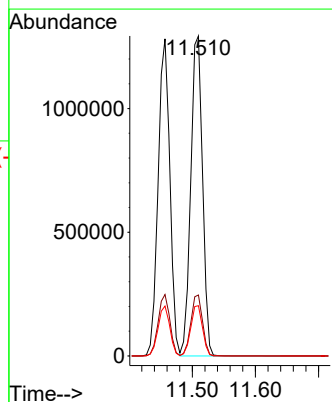
Manual Integrations
APPROVED

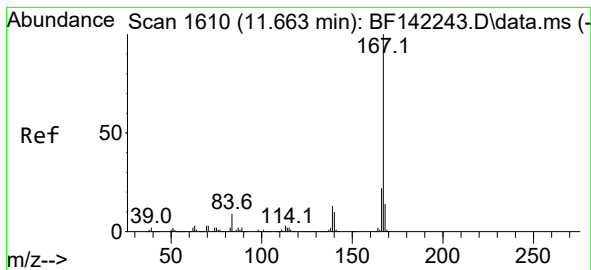
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#72
Anthracene
Concen: 43.980 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:178 Resp: 1677465
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.7 19.1





#73

Carbazole

Concen: 40.515 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

Tgt Ion:167 Resp: 1409654

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

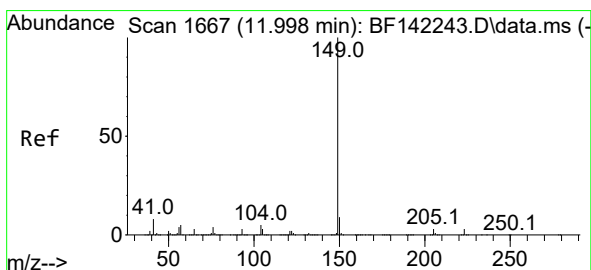
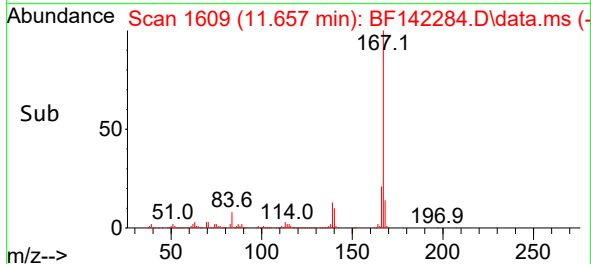
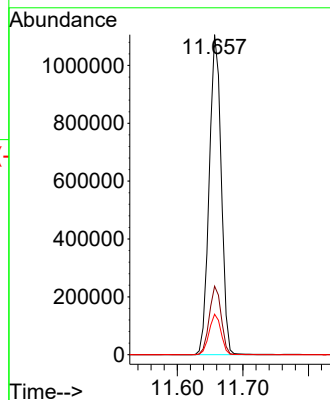
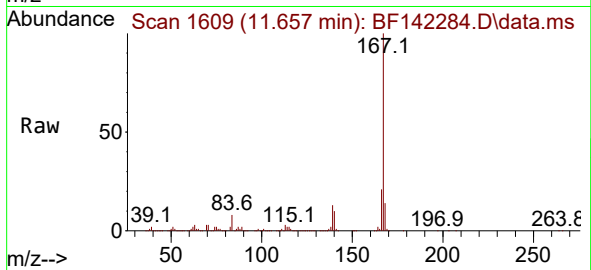
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#74

Di-n-butylphthalate

Concen: 50.924 ng

RT: 11.992 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

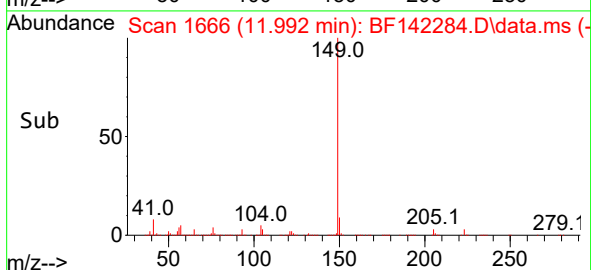
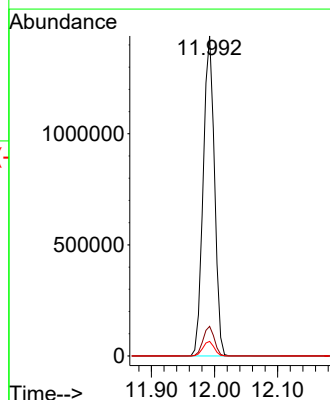
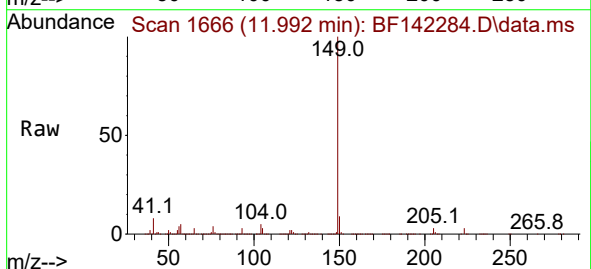
Tgt Ion:149 Resp: 1781971

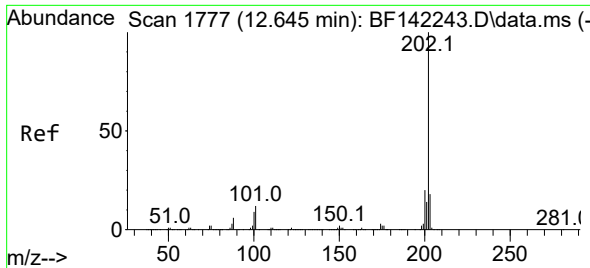
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

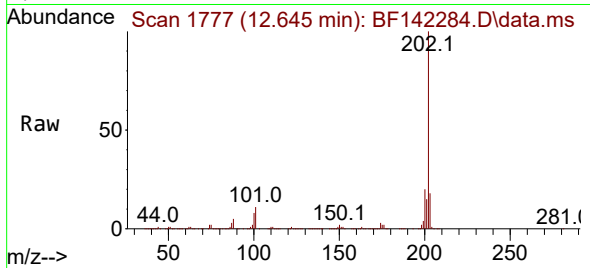
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 45.198 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

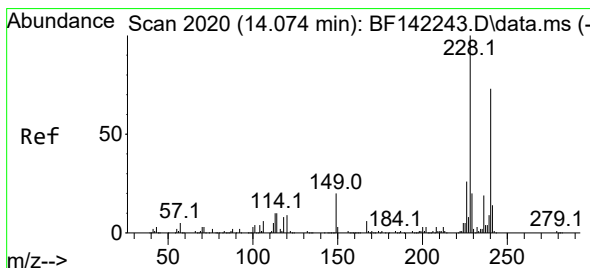
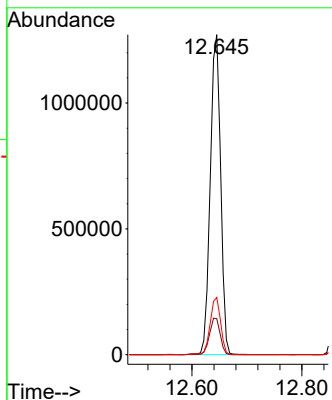
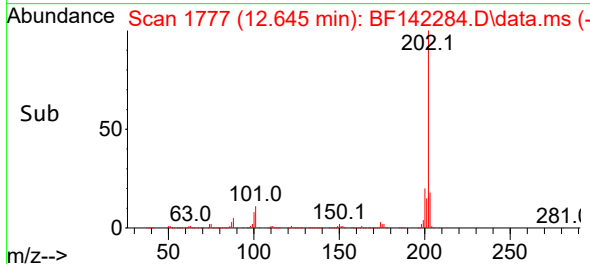
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:202 Resp: 1666749
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.4
203 17.9 0.0 37.5

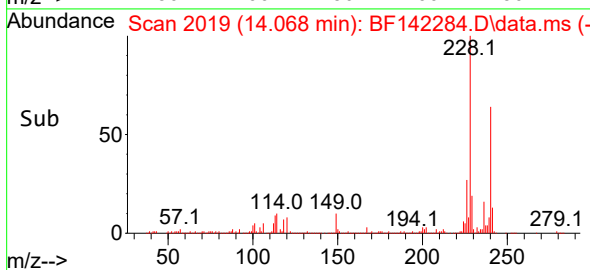
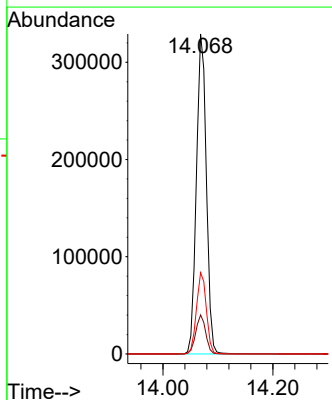
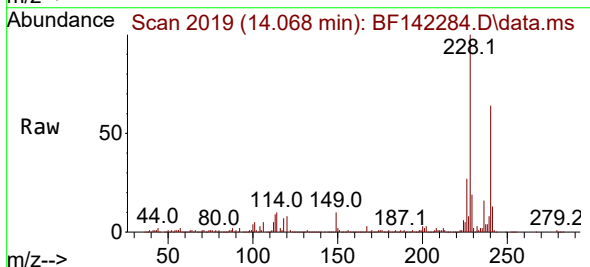
Manual Integrations
APPROVED

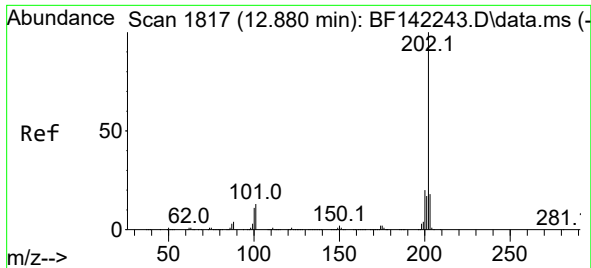
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

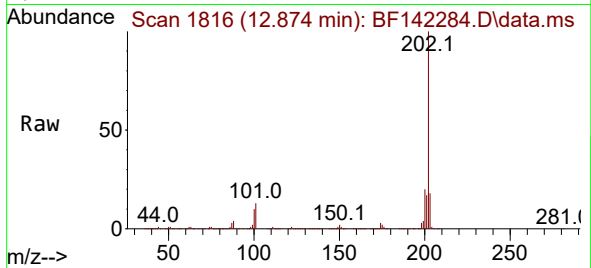
Tgt Ion:240 Resp: 414504
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 25.4 20.5 30.7





#78
Pyrene
Concen: 43.536 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

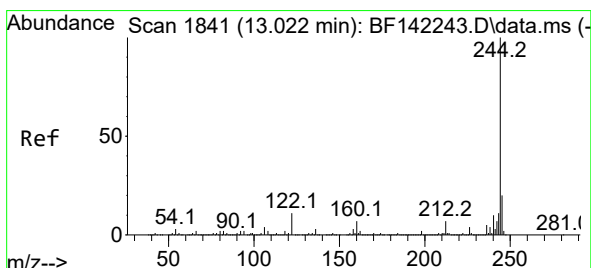
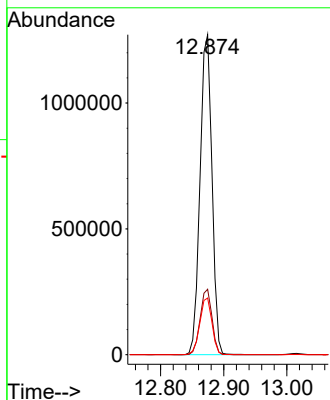
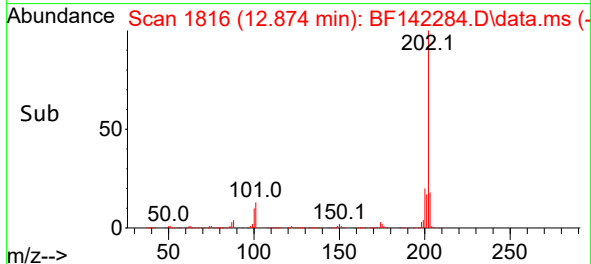
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:202 Resp: 1664650
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.7 14.1 21.1

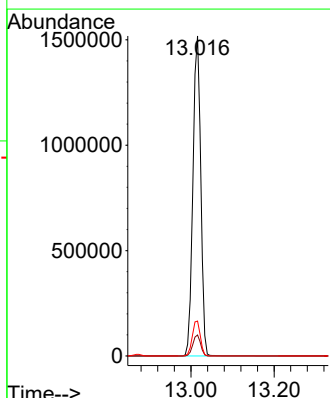
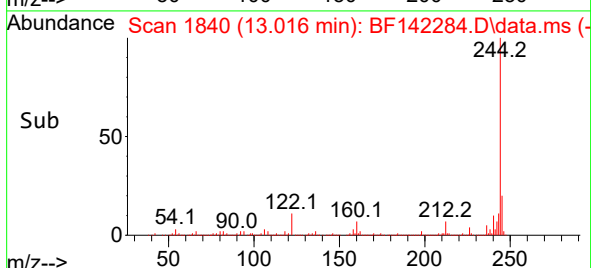
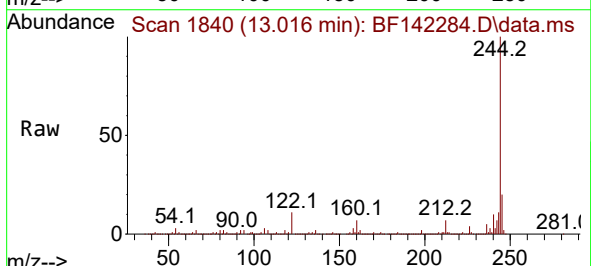
Manual Integrations
APPROVED

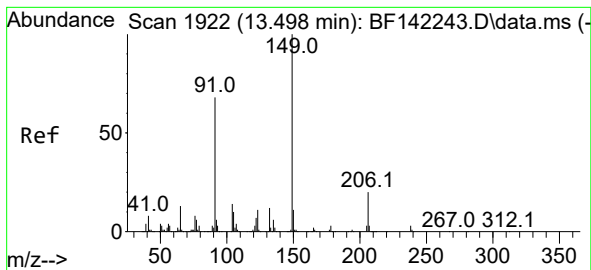
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#79
Terphenyl-d14
Concen: 69.554 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

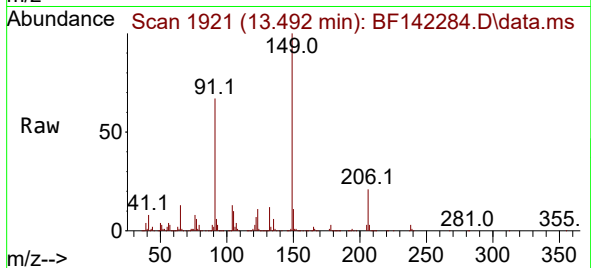
Tgt Ion:244 Resp: 1982275
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.9 9.1 13.7





#80
Butylbenzylphthalate
Concen: 55.601 ng
RT: 13.492 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

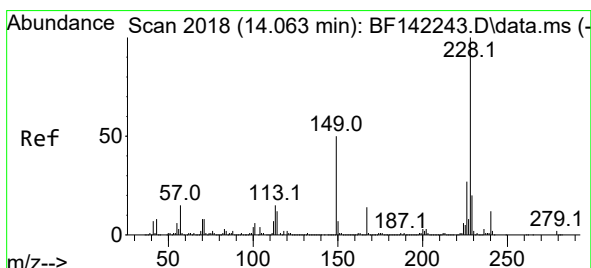
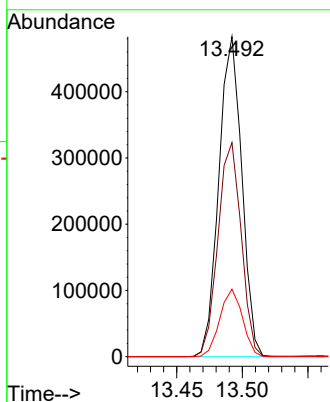
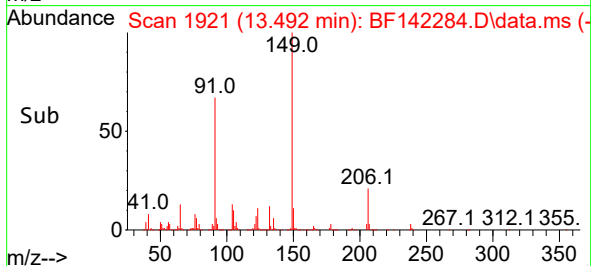
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:149 Resp: 587950
Ion Ratio Lower Upper
149 100
91 66.9 54.4 81.6
206 21.1 15.9 23.9

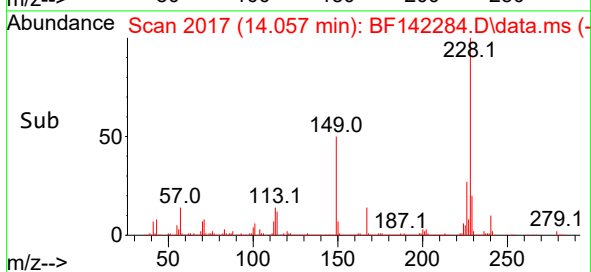
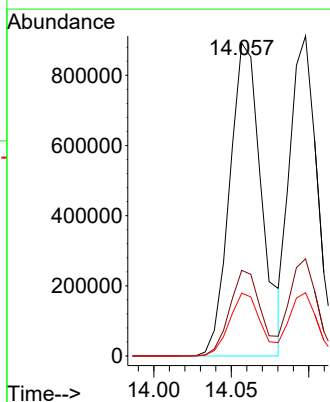
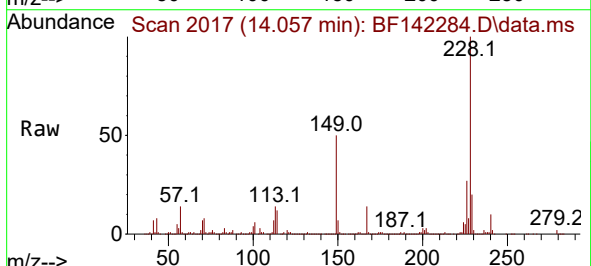
Manual Integrations
APPROVED

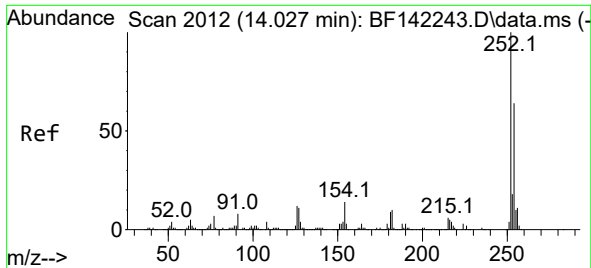
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#81
Benzo(a)anthracene
Concen: 45.907 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

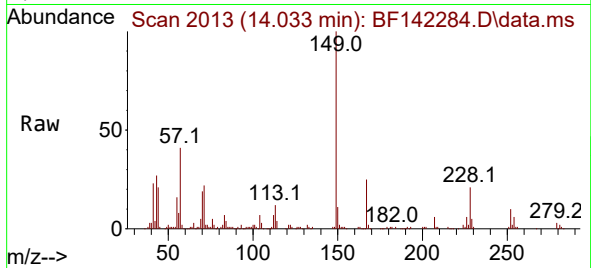
Tgt Ion:228 Resp: 1277412
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 1.498 ng
RT: 14.033 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

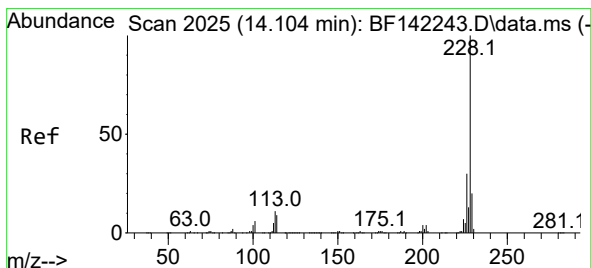
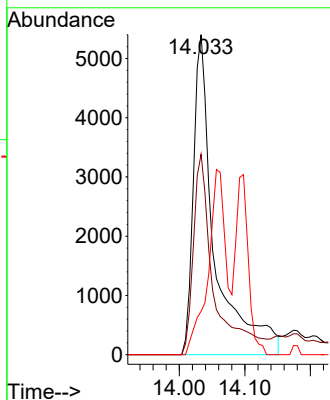
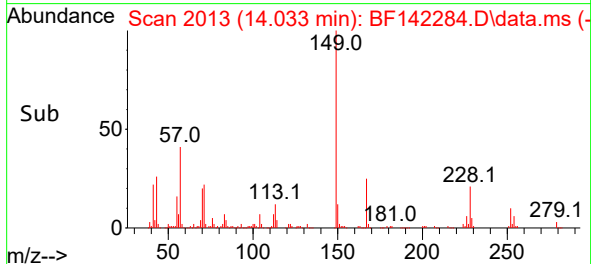
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:252 Resp: 1224
Ion Ratio Lower Upper
252 100
254 62.6 51.0 76.6
126 13.6 9.4 14.2

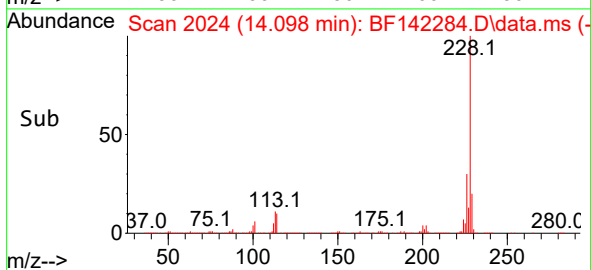
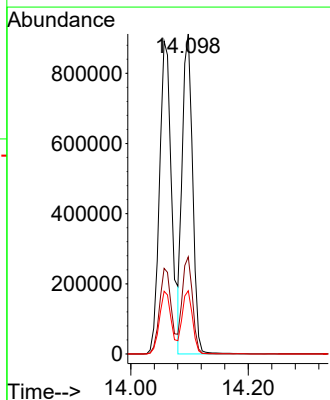
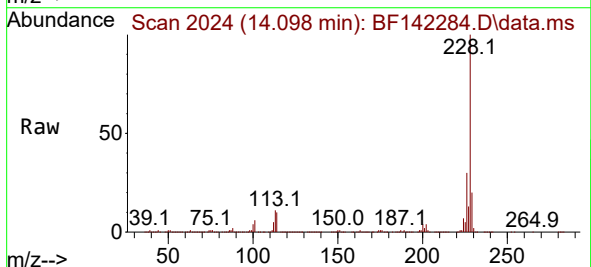
Manual Integrations
APPROVED

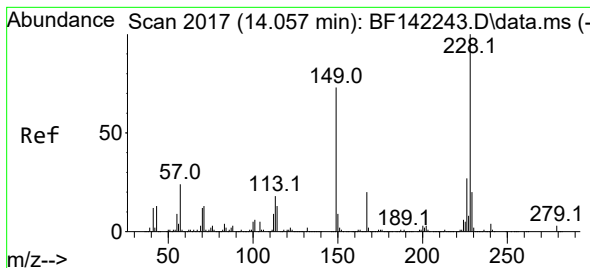
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#83
Chrysene
Concen: 43.773 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

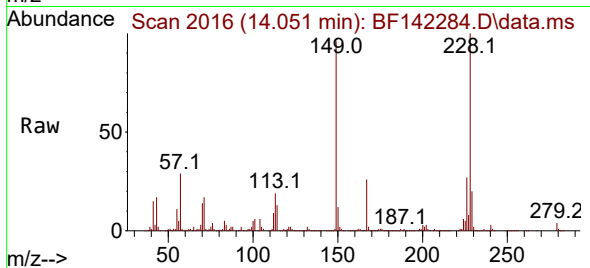
Tgt Ion:228 Resp: 1108733
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 19.7 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 49.518 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

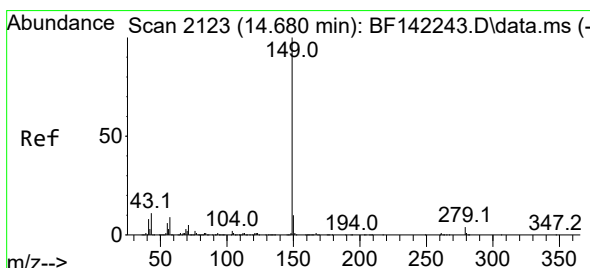
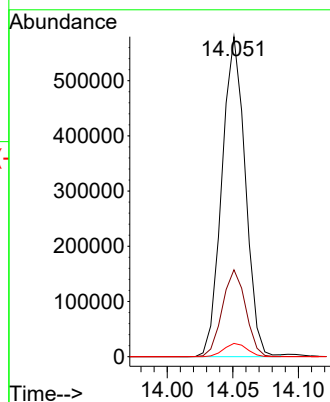
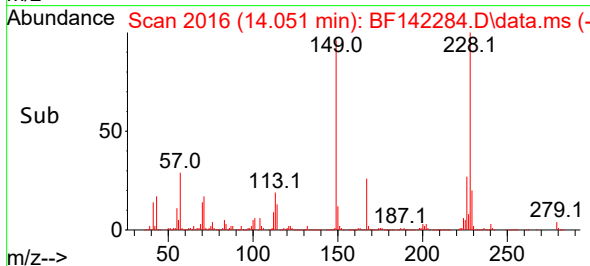
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:149 Resp: 718777
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.2 3.0 4.4

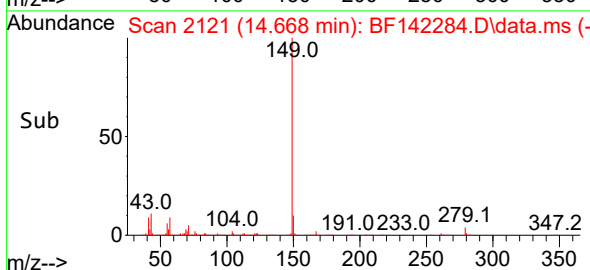
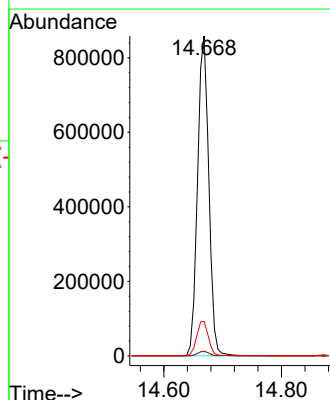
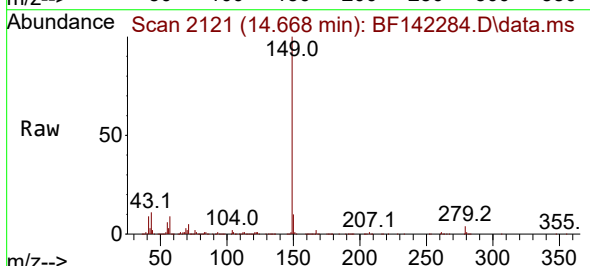
Manual Integrations
APPROVED

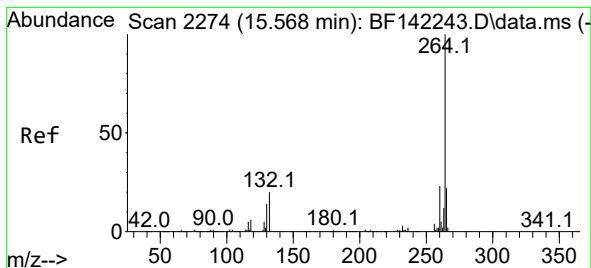
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#85
Di-n-octyl phthalate
Concen: 43.532 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

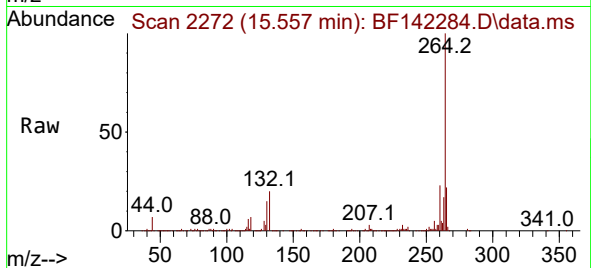
Tgt Ion:149 Resp: 1138387
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.3 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

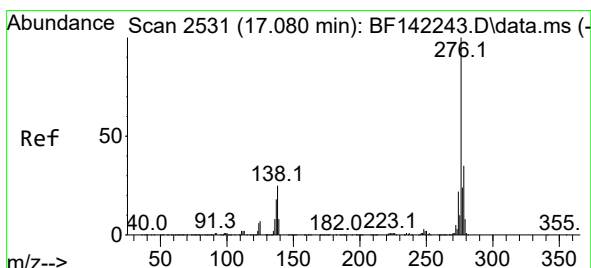
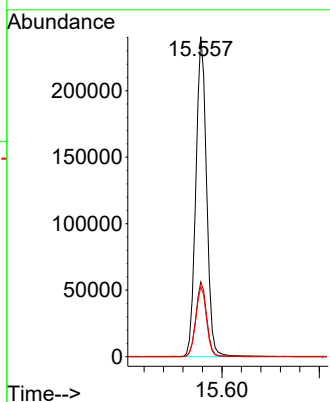
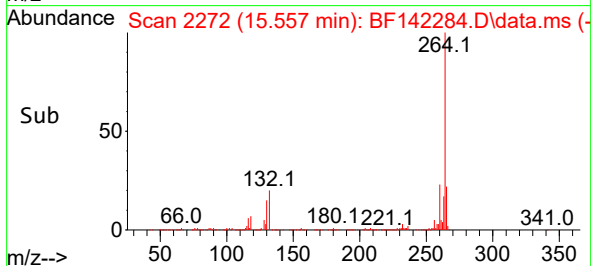
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:264 Resp: 369935
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.9 17.3 25.9

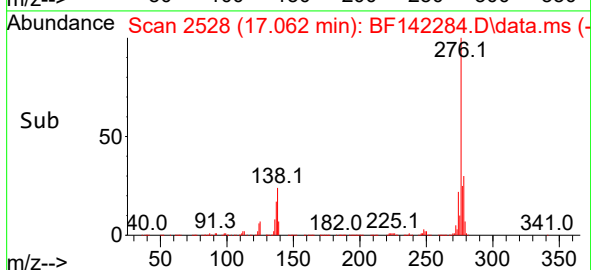
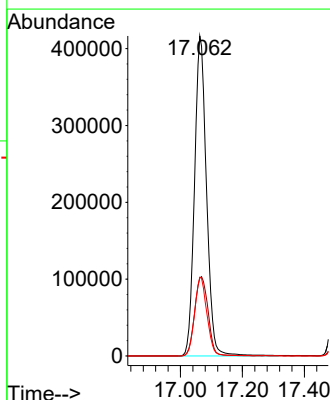
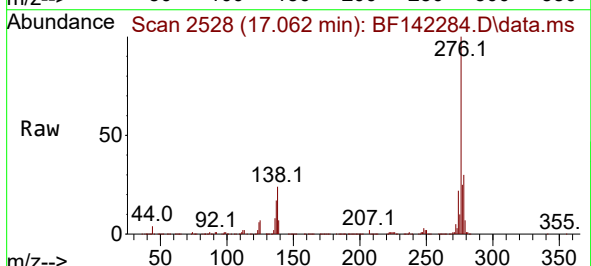
Manual Integrations
APPROVED

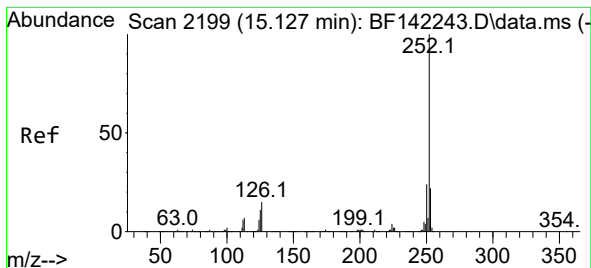
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.209 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

Tgt Ion:276 Resp: 1116626
Ion Ratio Lower Upper
276 100
138 27.7 22.6 33.8
277 25.4 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 48.331 ng

RT: 15.121 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-12MS

Tgt Ion:252 Resp: 1110580

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

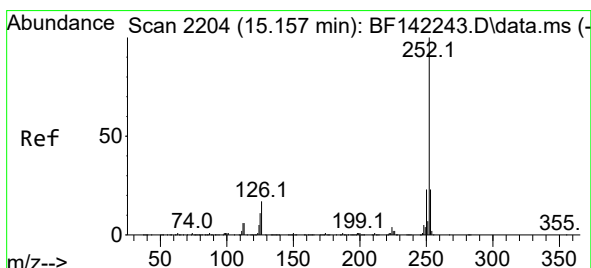
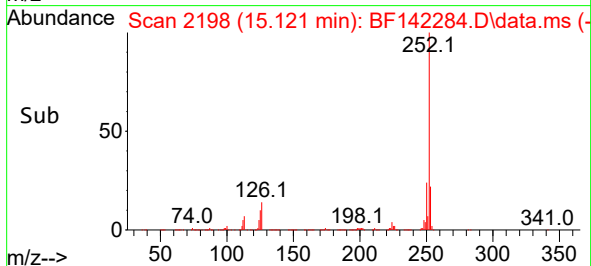
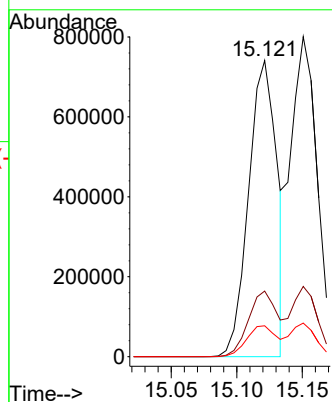
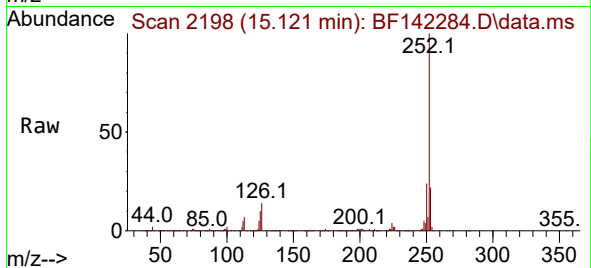
125 10.4 9.0 13.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025



#89

Benzo(k)fluoranthene

Concen: 53.814 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF142284.D

Acq: 02 May 2025 16:49

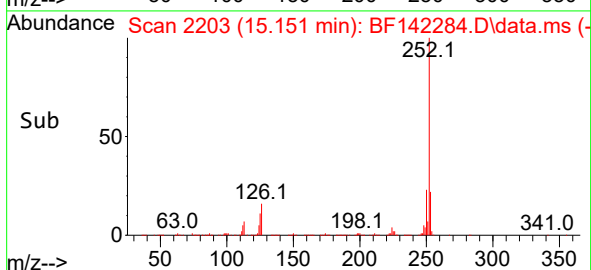
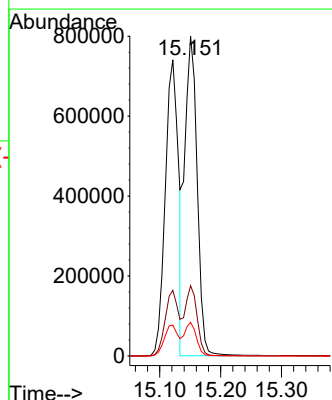
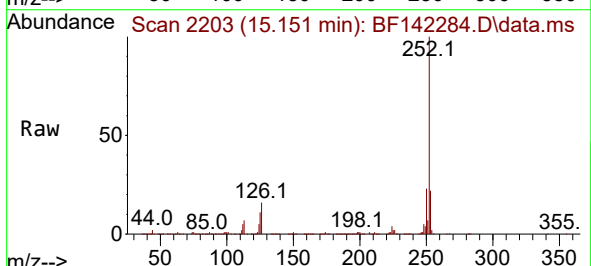
Tgt Ion:252 Resp: 1131080

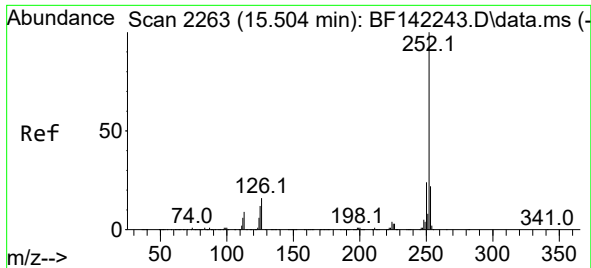
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

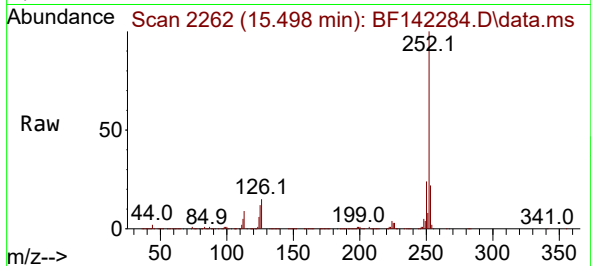
125 10.5 9.0 13.6





#90
Benzo(a)pyrene
Concen: 49.299 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

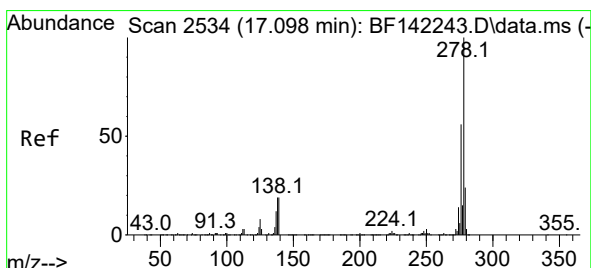
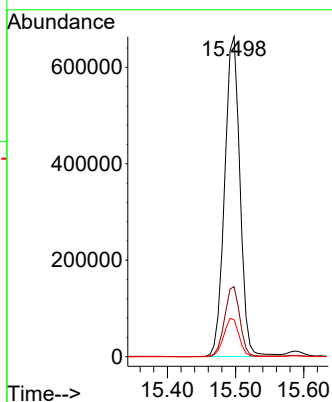
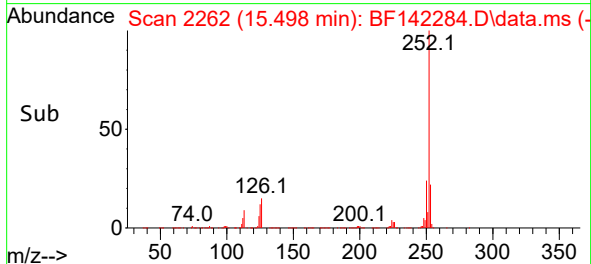
Instrument :
BNA_F
ClientSampleId :
WC-12MS



Tgt Ion:252 Resp: 103714
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.6 9.5 14.3

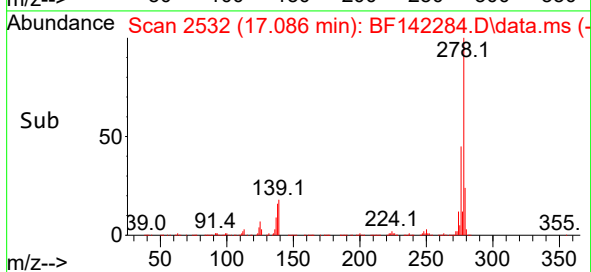
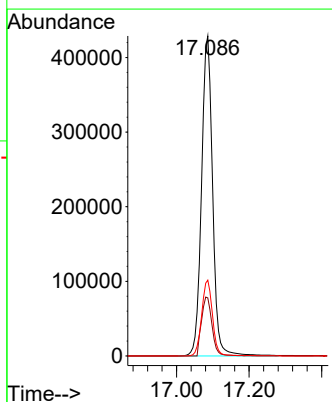
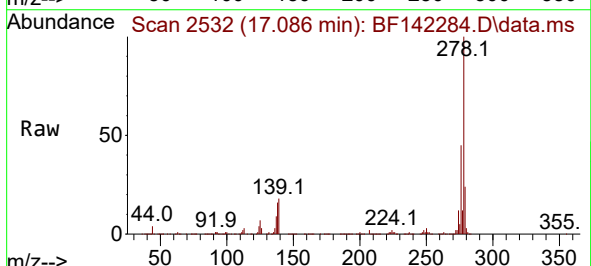
Manual Integrations
APPROVED

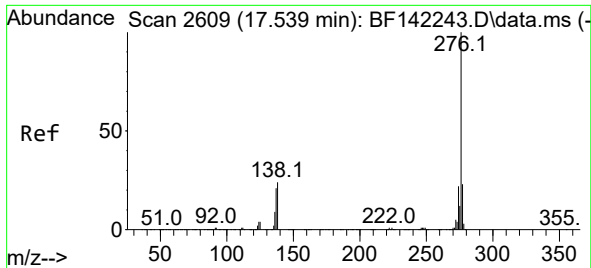
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



#91
Dibenzo(a,h)anthracene
Concen: 41.490 ng
RT: 17.086 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF142284.D
Acq: 02 May 2025 16:49

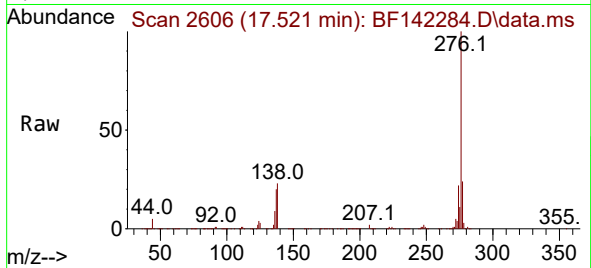
Tgt Ion:278 Resp: 912446
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.7 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 39.717 ng
 RT: 17.521 min Scan# 2066
 Delta R.T. -0.018 min
 Lab File: BF142284.D
 Acq: 02 May 2025 16:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MS



Tgt Ion: 276 Resp: 87807
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 23.3 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/05/2025
 Supervised By :Jagrut Upadhyay 05/05/2025

