

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142541.D
 Acq On : 23 May 2025 18:01
 Operator : RC/JU
 Sample : Q2095-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD

Quant Time: May 23 18:49:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	129857	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	492402	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	265988	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	442853	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233207	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	264236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	694231	90.069	ng	0.01
7) Phenol-d6	6.522	99	770285	83.020	ng	-0.01
23) Nitrobenzene-d5	7.463	82	574078	63.574	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	301556	102.149	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1200818	60.579	ng	-0.01
79) Terphenyl-d14	13.010	244	1115613	65.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	91387	29.629	ng	# 83
3) Pyridine	3.557	79	237980	30.299	ng	99
4) n-Nitrosodimethylamine	3.499	42	140450	34.440	ng	95
6) Aniline	6.563	93	273155	21.895	ng	100
8) 2-Chlorophenol	6.681	128	291046	34.667	ng	98
9) Benzaldehyde	6.446	77	89095	15.965	ng	98
10) Phenol	6.540	94	307469	29.451	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	275209	36.621	ng	97
12) 1,3-Dichlorobenzene	6.840	146	239140	25.527	ng	98
13) 1,4-Dichlorobenzene	6.916	146	248554	26.340	ng	98
14) 1,2-Dichlorobenzene	7.069	146	248221	27.490	ng	99
15) Benzyl Alcohol	7.034	79	243165	35.464	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	419583	33.246	ng	99
17) 2-Methylphenol	7.145	107	226306	34.526	ng	100
18) Hexachloroethane	7.410	117	83716	25.406	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	197568	34.358	ng	98
20) 3+4-Methylphenols	7.298	107	282793	33.691	ng	96
22) Acetophenone	7.304	105	391485	35.915	ng	98
24) Nitrobenzene	7.481	77	289729	35.574	ng	99
25) Isophorone	7.716	82	547757	36.281	ng	99
26) 2-Nitrophenol	7.793	139	161274	37.059	ng	99
27) 2,4-Dimethylphenol	7.828	122	277939	36.216	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	341099	36.167	ng	98
29) 2,4-Dichlorophenol	8.034	162	255559	36.617	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	254758	33.634	ng	97
31) Naphthalene	8.204	128	832047	34.317	ng	100
32) Benzoic acid	7.940	122	161096	34.484	ng	99
33) 4-Chloroaniline	8.245	127	183515m	18.679	ng	
34) Hexachlorobutadiene	8.316	225	148123	31.319	ng	99
35) Caprolactam	8.610	113	65941m	33.640	ng	
36) 4-Chloro-3-methylphenol	8.728	107	258533	36.145	ng	96
37) 2-Methylnaphthalene	8.892	142	535441	35.103	ng	100
38) 1-Methylnaphthalene	8.992	142	560300	35.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	275214	36.045	ng	100
41) Hexachlorocyclopentadiene	9.045	237	337183	65.463	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	189551	36.816	ng	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	203092	37.402	ng	99
46) 1,1'-Biphenyl	9.357	154	745787	36.140	ng	99
47) 2-Chloronaphthalene	9.381	162	547387	35.902	ng	100
48) 2-Nitroaniline	9.475	65	168745	38.291	ng	99
49) Acenaphthylene	9.798	152	938782	36.465	ng	100
50) Dimethylphthalate	9.657	163	662468	37.746	ng	100
51) 2,6-Dinitrotoluene	9.722	165	145196	38.330	ng	97
52) Acenaphthene	9.975	154	605421	38.512	ng	99
53) 3-Nitroaniline	9.886	138	90384	21.846	ng	100
54) 2,4-Dinitrophenol	9.992	184	127044	64.917	ng	98
55) Dibenzofuran	10.145	168	824604	36.451	ng	99
56) 4-Nitrophenol	10.045	139	208062	68.155	ng	99
57) 2,4-Dinitrotoluene	10.122	165	199329	40.293	ng	100
58) Fluorene	10.486	166	638793	36.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	165989	36.617	ng	99
60) Diethylphthalate	10.357	149	644433	37.596	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	312083	36.351	ng	98
62) 4-Nitroaniline	10.504	138	134505	35.845	ng	99
63) Azobenzene	10.639	77	566358	36.787	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	89027	36.022	ng	93
66) n-Nitrosodiphenylamine	10.598	169	550561	36.338	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	192541	36.770	ng	99
68) Hexachlorobenzene	11.033	284	219226	37.852	ng	99
69) Atrazine	11.122	200	172056	42.761	ng	99
70) Pentachlorophenol	11.228	266	237031	72.490	ng	99
71) Phenanthrene	11.451	178	879826	37.175	ng	100
72) Anthracene	11.504	178	904085	37.430	ng	100
73) Carbazole	11.657	167	788835	38.202	ng	100
74) Di-n-butylphthalate	11.986	149	940370	41.605	ng	100
75) Fluoranthene	12.639	202	841027	38.031	ng	98
77) Benzidine	12.763	184	213893	24.647	ng	99
78) Pyrene	12.869	202	821359	37.755	ng	99
80) Butylbenzylphthalate	13.486	149	288610	48.012	ng	99
81) Benzo(a)anthracene	14.057	228	595014	38.209	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	117697	24.919	ng	99
83) Chrysene	14.092	228	553546	39.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	356784	46.364	ng	99
85) Di-n-octyl phthalate	14.657	149	557281	37.037	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	722649	36.429	ng	99
88) Benzo(b)fluoranthene	15.121	252	563373	36.024	ng	99
89) Benzo(k)fluoranthene	15.151	252	565780	38.627	ng	98
90) Benzo(a)pyrene	15.498	252	560218	38.004	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	586448	36.450	ng	99
92) Benzo(g,h,i)perylene	17.533	276	583368	36.251	ng	98

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

Manual Integrations

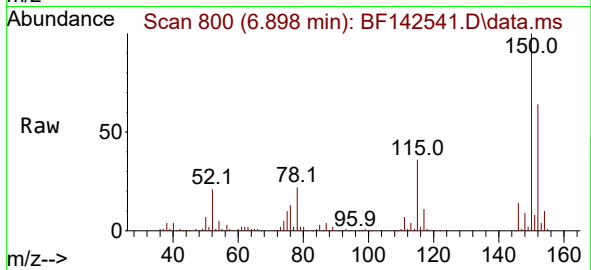
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

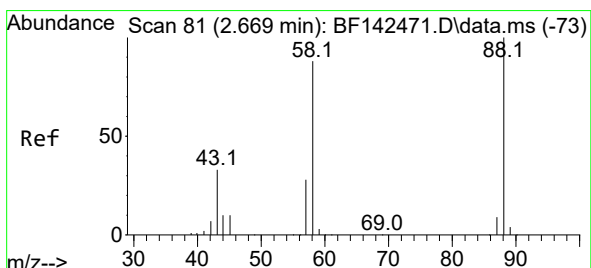
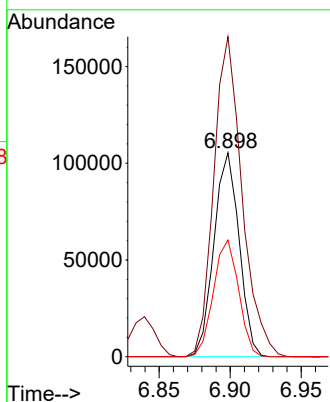
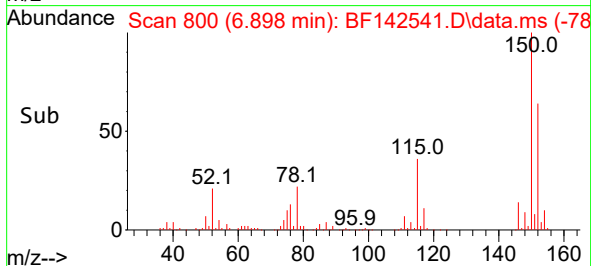
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:152 Resp: 12985
Ion Ratio Lower Upper
152 100
150 157.0 128.2 192.4
115 57.2 48.3 72.5

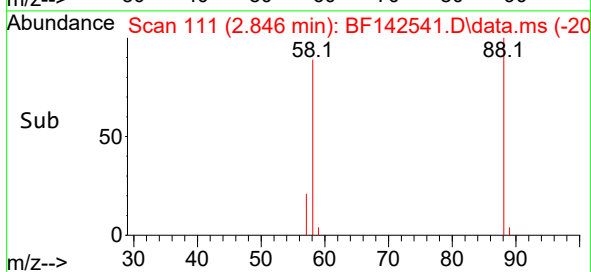
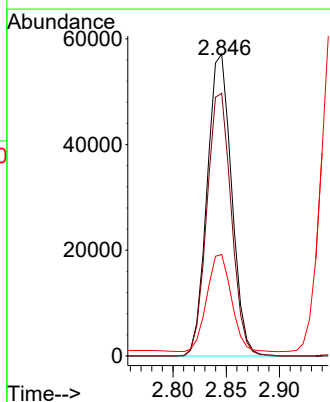
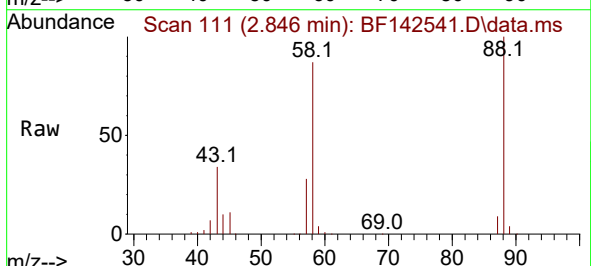
Manual Integrations
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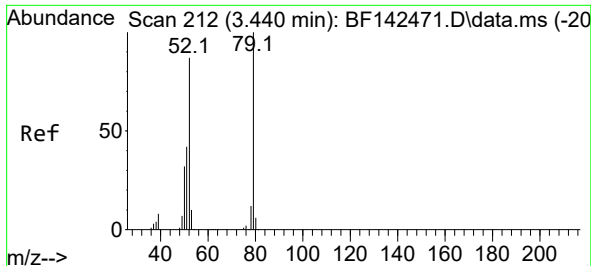
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#2
1,4-Dioxane
Concen: 29.629 ng
RT: 2.846 min Scan# 111
Delta R.T. 0.183 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

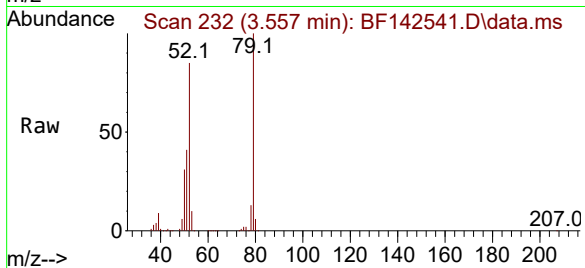
Tgt Ion: 88 Resp: 91387
Ion Ratio Lower Upper
88 100
58 87.0 70.8 106.2
43 0.0 26.6 40.0#





#3
Pyridine
Concen: 30.299 ng
RT: 3.557 min Scan# 212
Delta R.T. 0.118 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

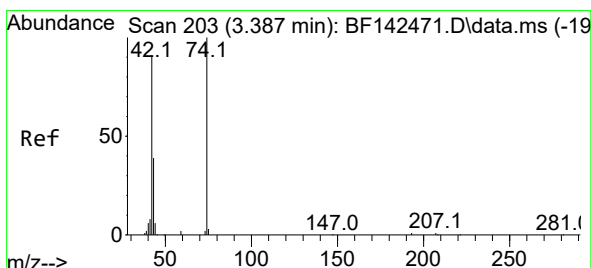
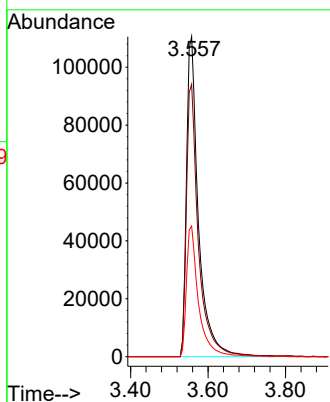
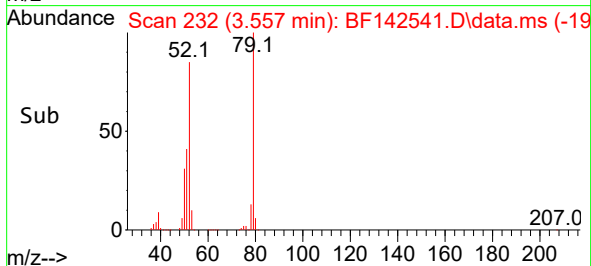
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



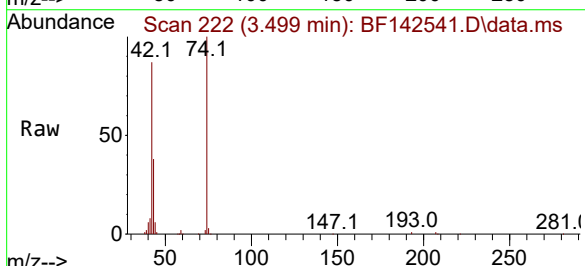
Tgt Ion: 79 Resp: 237980
Ion Ratio Lower Upper
79 100
52 85.1 69.2 103.8
51 40.8 33.3 49.9

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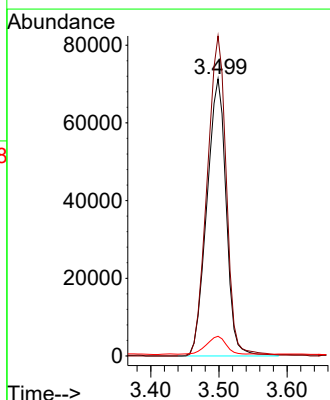
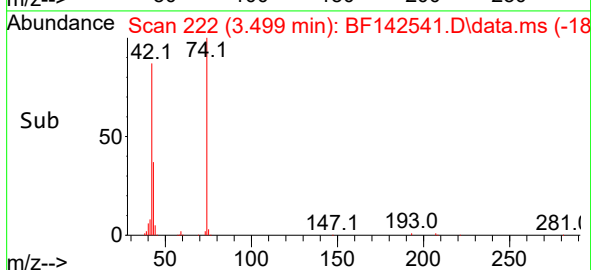
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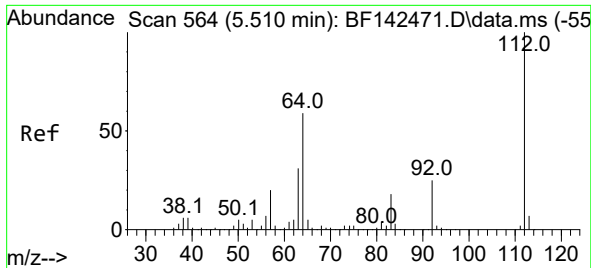


#4
n-Nitrosodimethylamine
Concen: 34.440 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.094 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



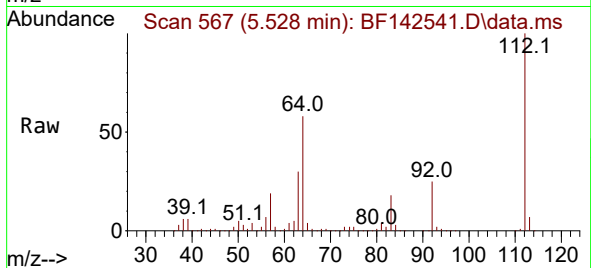
Tgt Ion: 42 Resp: 140450
Ion Ratio Lower Upper
42 100
74 115.5 88.2 132.4
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 90.069 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

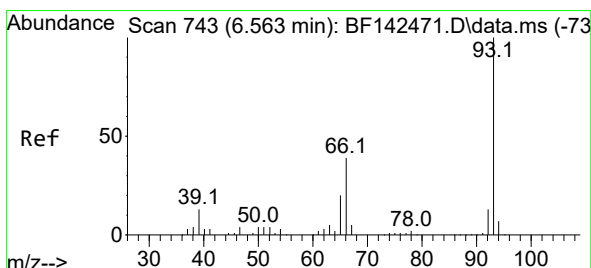
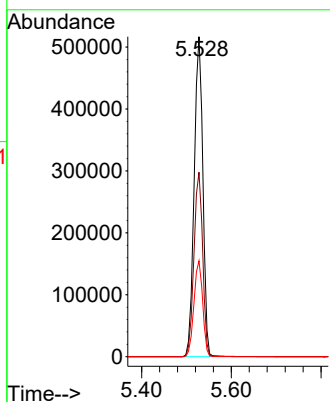
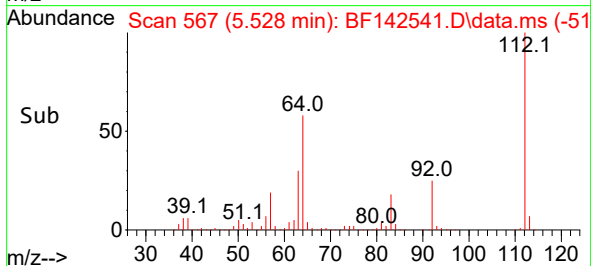
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Tgt Ion:112 Resp: 69423
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.0 24.9 37.3

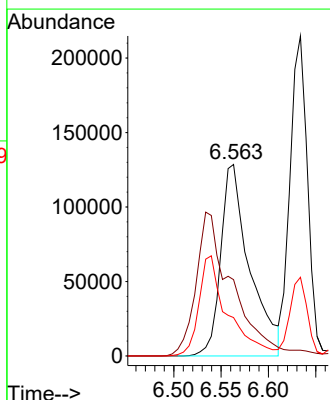
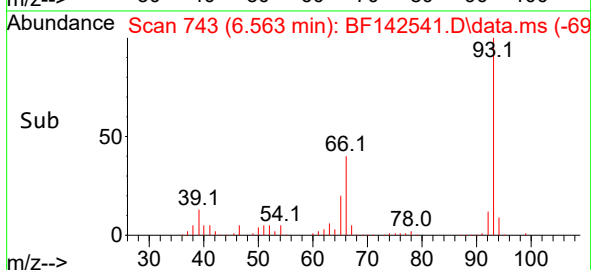
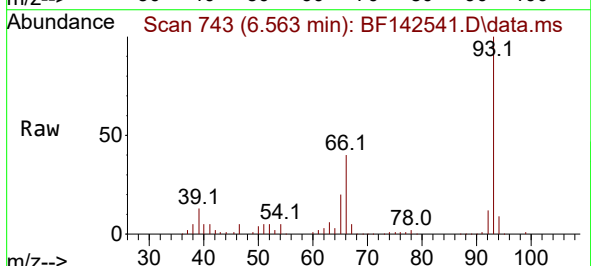
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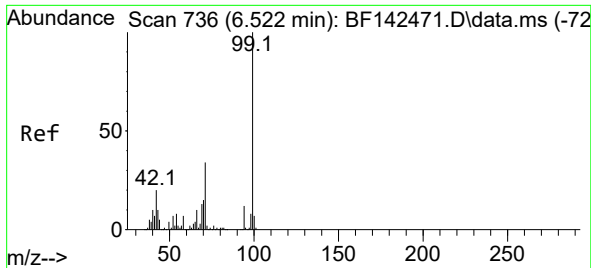
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#6
Aniline
Concen: 21.895 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

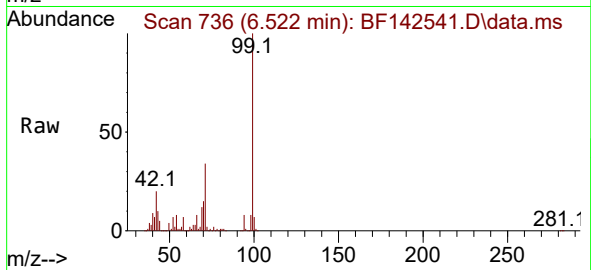
Tgt Ion: 93 Resp: 273155
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.0 16.1 24.1





#7
Phenol-d6
Concen: 83.020 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

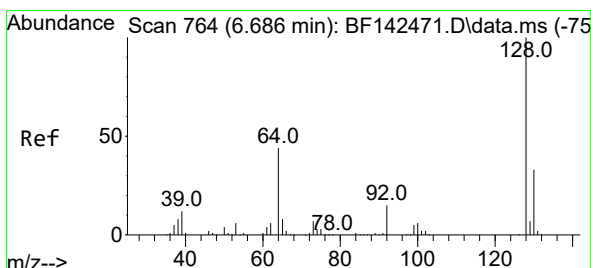
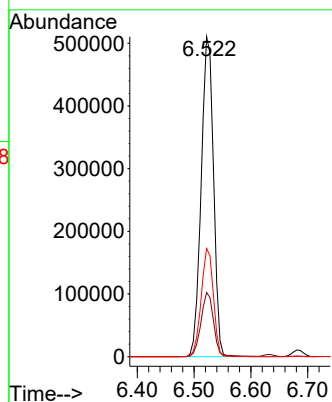
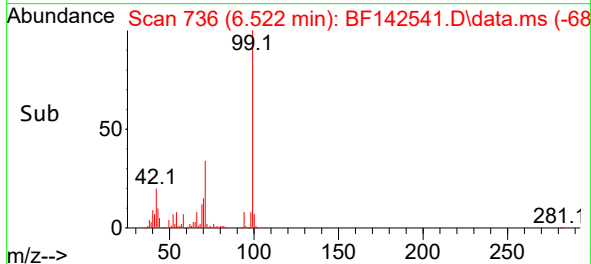
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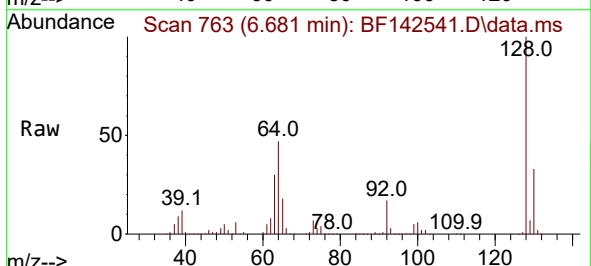
Tgt Ion: 99 Resp: 77028
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.8 27.3 40.9

Manual Integrations
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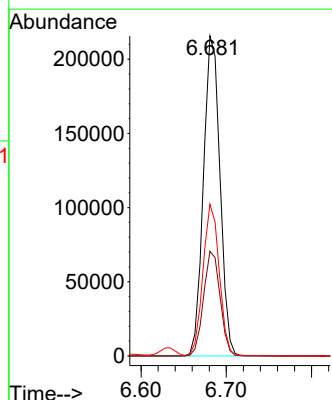
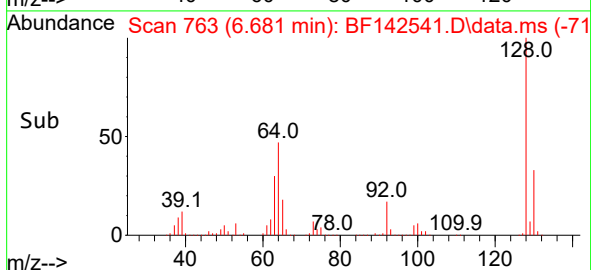
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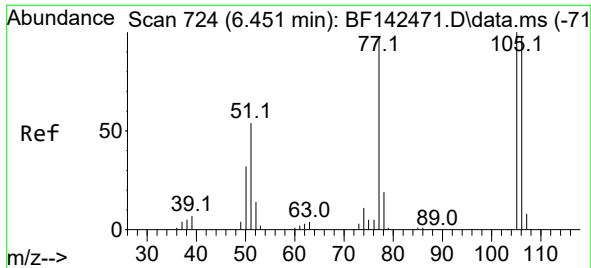


#8
2-Chlorophenol
Concen: 34.667 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:128 Resp: 291046
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 47.4 25.1 65.1





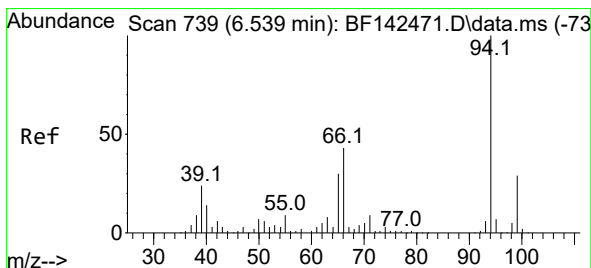
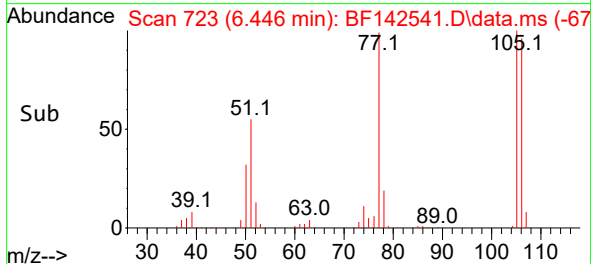
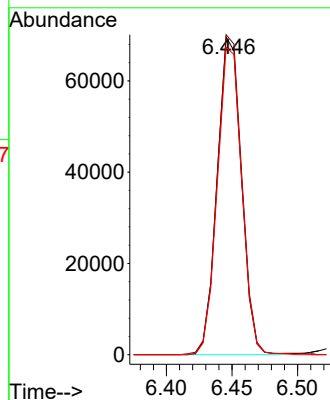
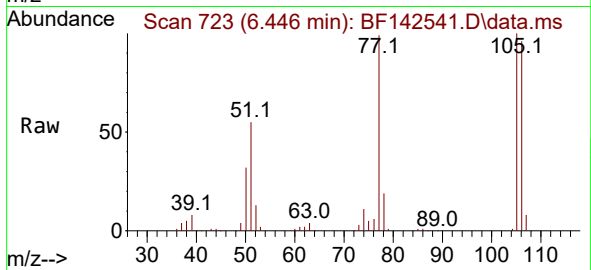
#9
Benzaldehyde
Concen: 15.965 ng
RT: 6.446 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion: 77 Resp: 89095
Ion Ratio Lower Upper
77 100
105 100.8 82.5 122.5
106 96.8 80.0 120.0

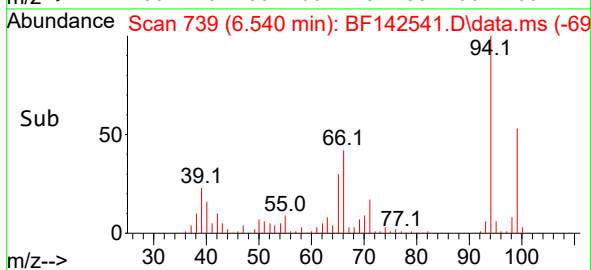
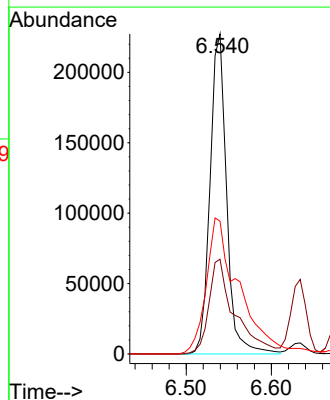
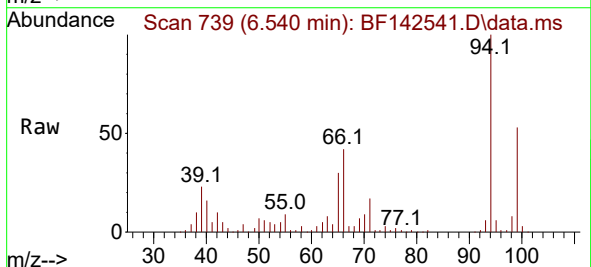
Manual Integrations
APPROVED

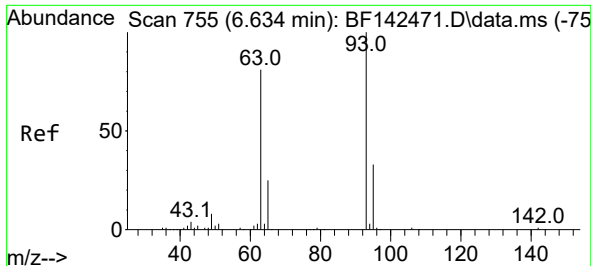
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#10
Phenol
Concen: 29.451 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

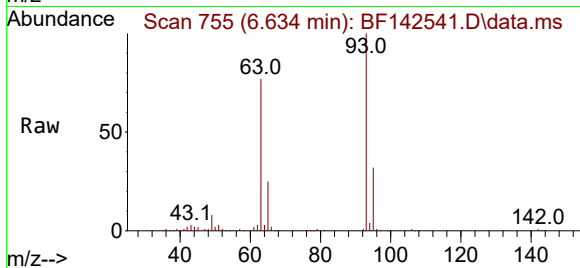
Tgt Ion: 94 Resp: 307469
Ion Ratio Lower Upper
94 100
65 29.6 10.3 50.3
66 41.5 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 36.621 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

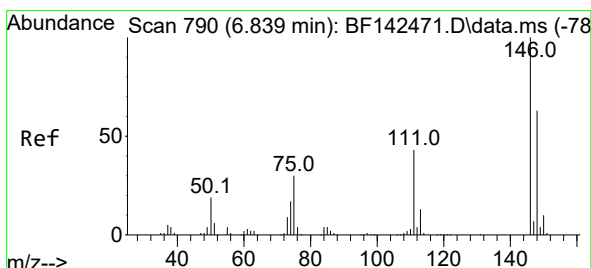
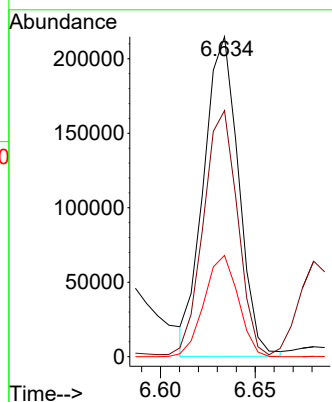
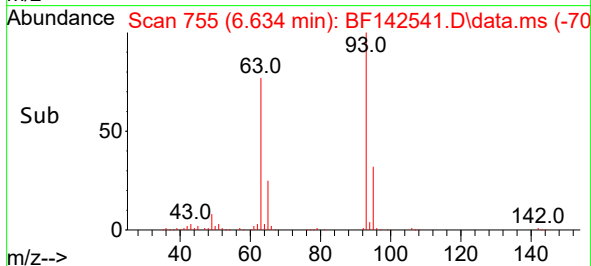
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



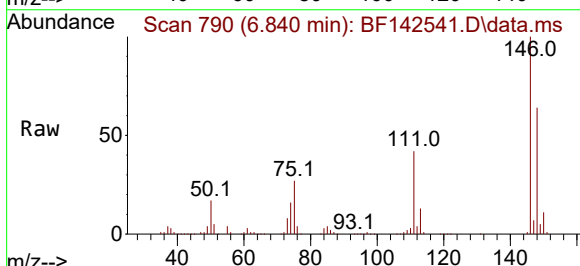
Tgt Ion: 93 Resp: 275209
Ion Ratio Lower Upper
93 100
63 76.9 60.2 100.2
95 31.7 12.3 52.3

Manual Integrations
APPROVED

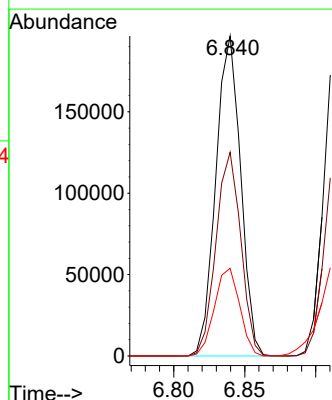
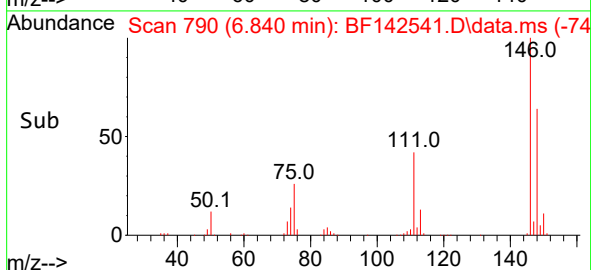
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#12
1,3-Dichlorobenzene
Concen: 25.527 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:146 Resp: 239140
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 27.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 26.340 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:146 Resp: 248554

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

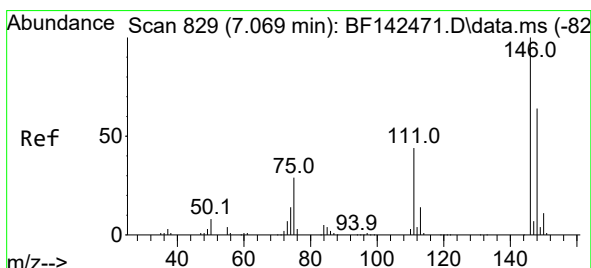
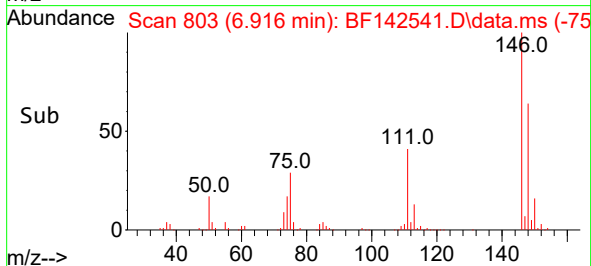
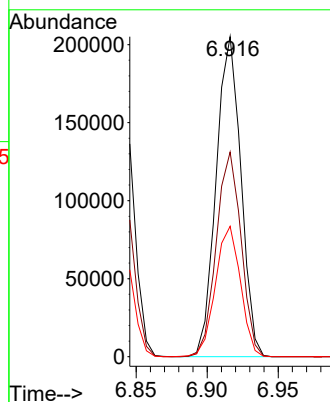
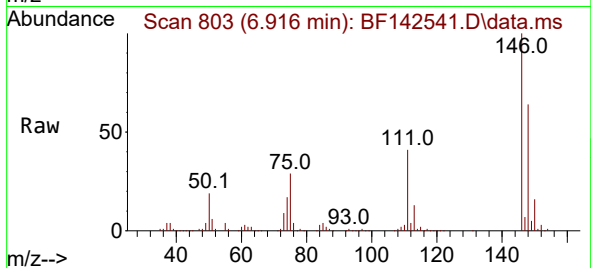
111 40.7 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#14

1,2-Dichlorobenzene

Concen: 27.490 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

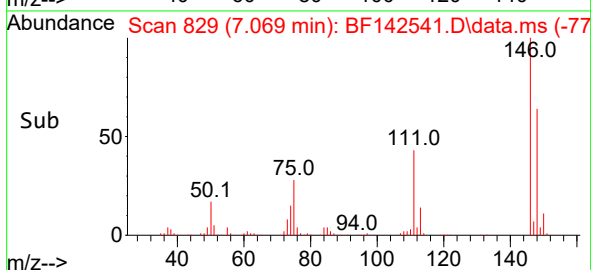
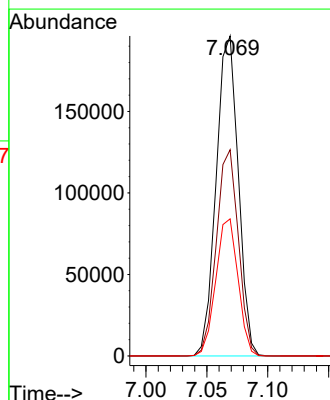
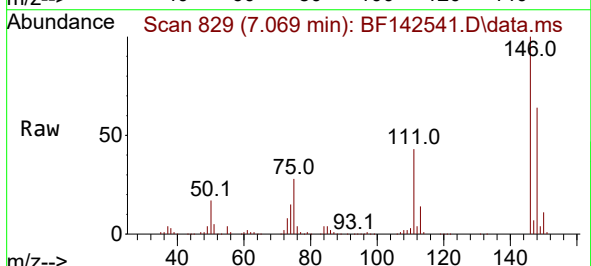
Tgt Ion:146 Resp: 248221

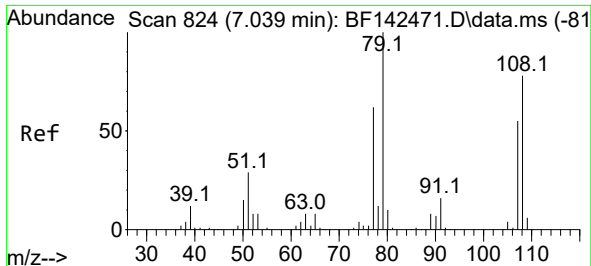
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

111 42.9 35.0 52.6





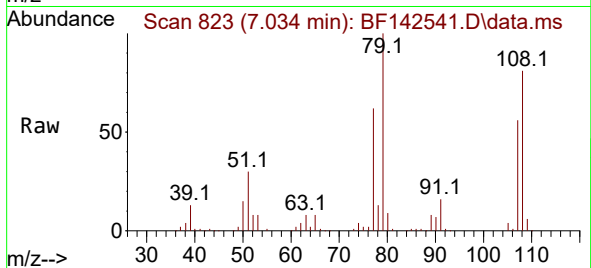
#15
Benzyl Alcohol
Concen: 35.464 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD



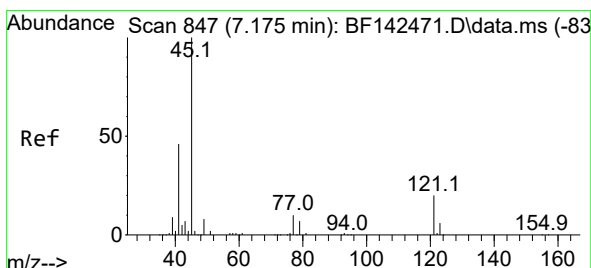
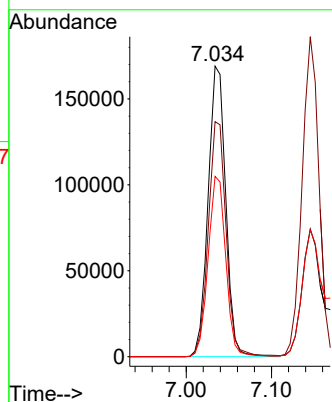
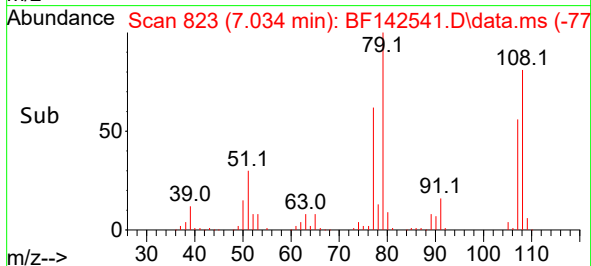
Tgt Ion: 79 Resp: 24316
Ion Ratio Lower Upper
79 100
108 80.9 62.1 93.1
77 62.1 49.5 74.3

Manual Integrations

APPROVED

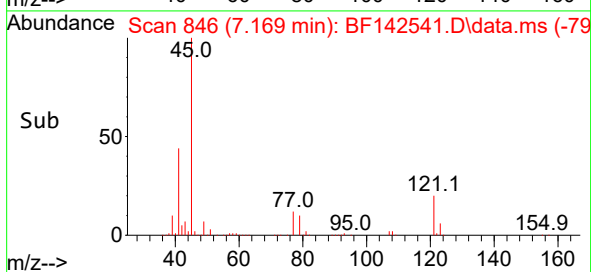
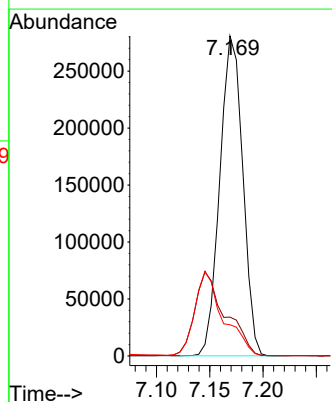
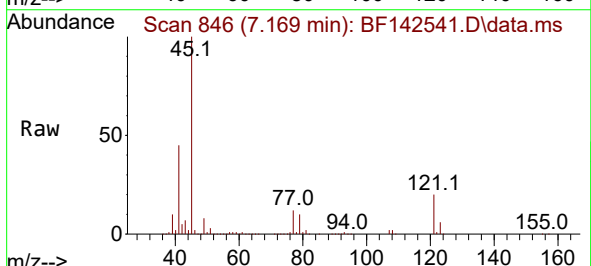
Reviewed By :Rahul Chavli 05/27/2025

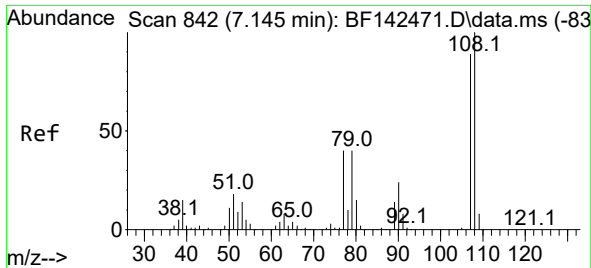
Supervised By :Jagrut Upadhyay 05/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.246 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion: 45 Resp: 419583
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.8 0.0 29.2





#17
2-Methylphenol
Concen: 34.526 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

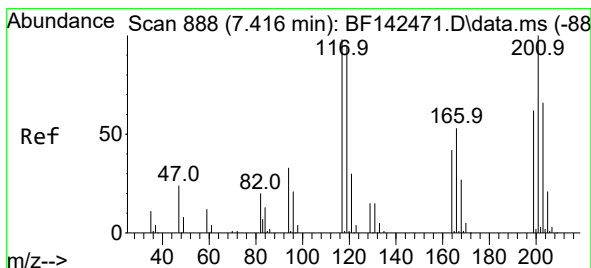
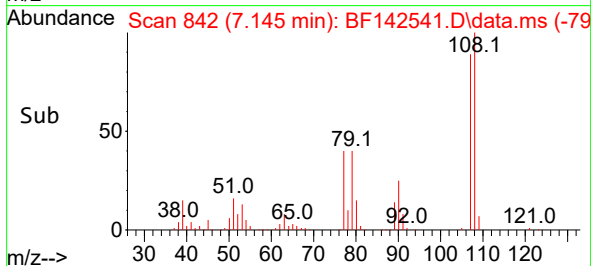
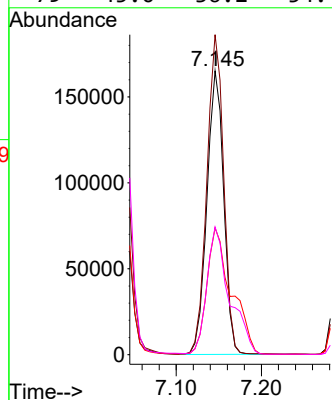
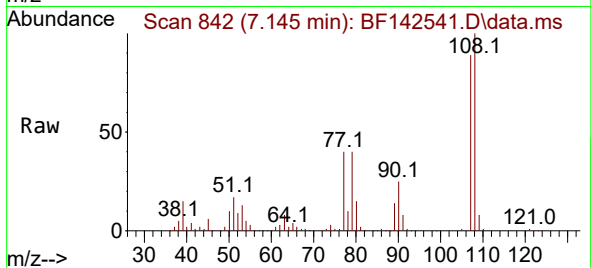
WCS-TP1MSD

Tgt Ion:107 Resp: 226300
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 44.6 36.1 54.1
79 45.0 36.2 54.4

Manual Integrations

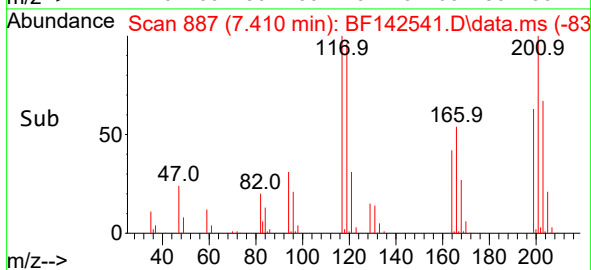
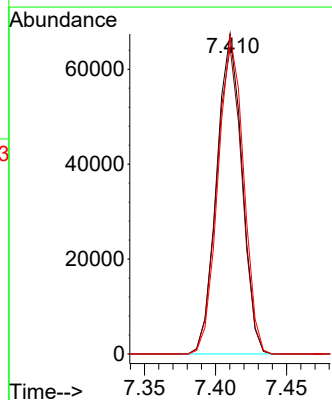
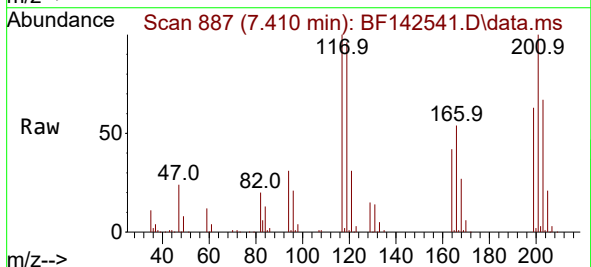
APPROVED

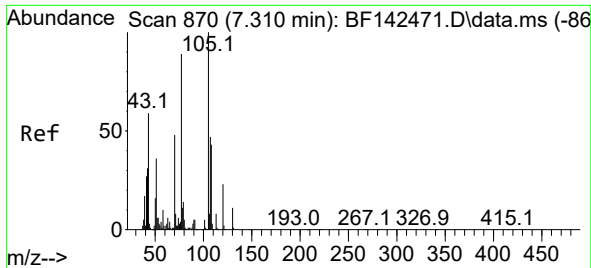
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#18
Hexachloroethane
Concen: 25.406 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

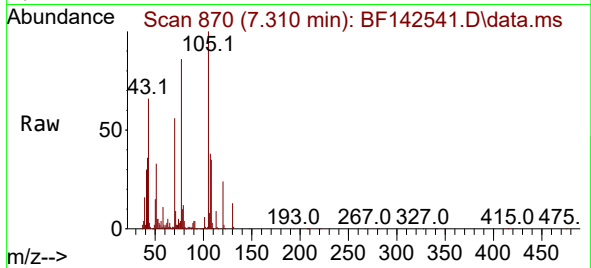
Tgt Ion:117 Resp: 83716
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 99.5 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 34.358 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

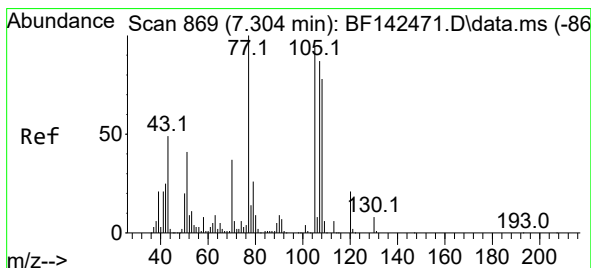
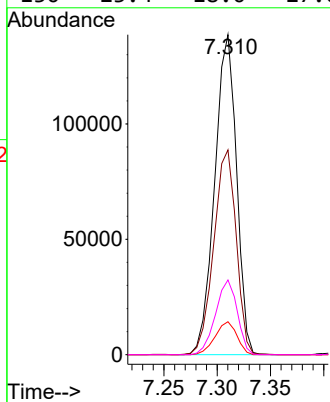
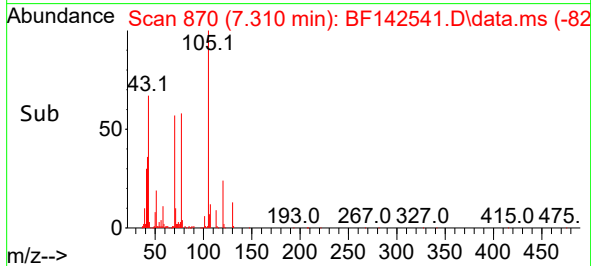
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



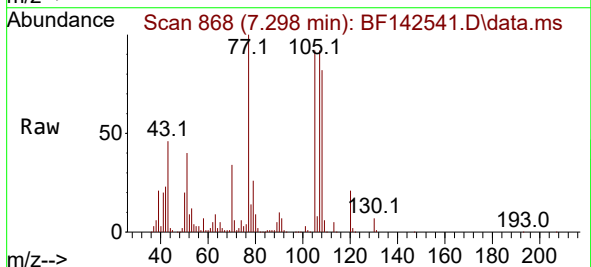
Tgt Ion: 70 Resp: 19756
Ion Ratio Lower Upper
70 100
42 64.0 52.4 78.6
101 10.3 7.8 11.8
130 23.4 18.0 27.0

Manual Integrations
APPROVED

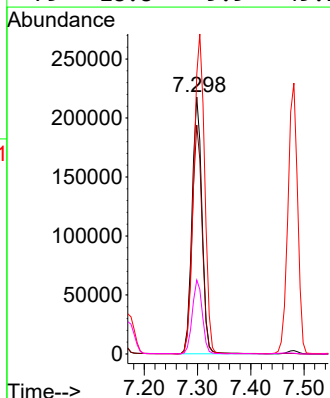
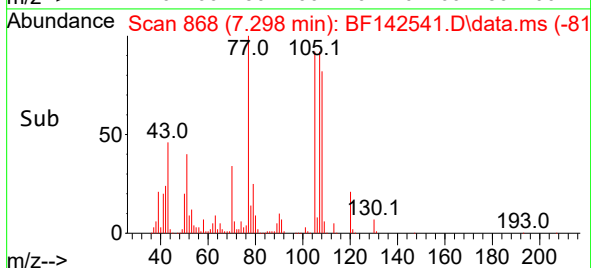
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

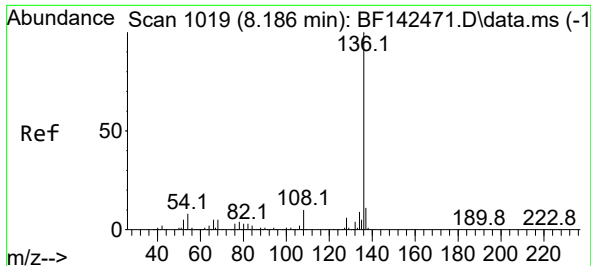


#20
3+4-Methylphenols
Concen: 33.691 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:107 Resp: 282793
Ion Ratio Lower Upper
107 100
108 89.1 70.4 110.4
77 108.7 95.4 135.4
79 28.8 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

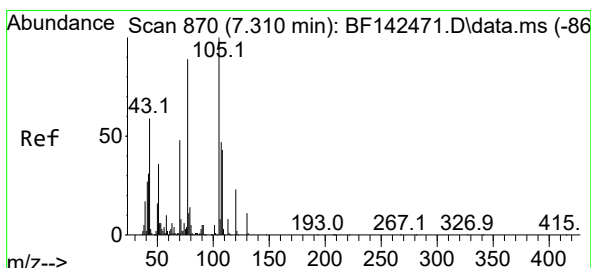
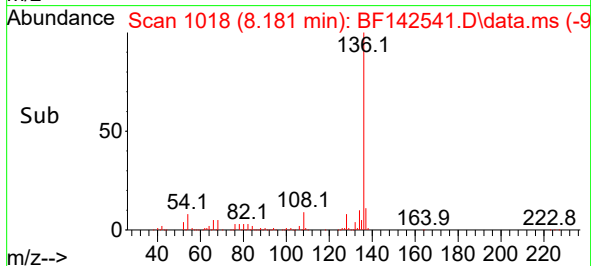
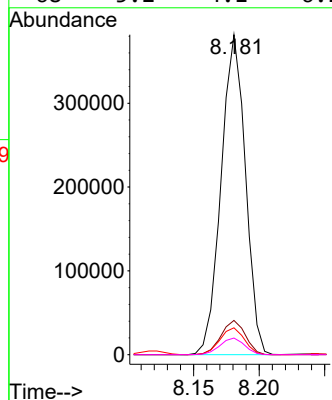
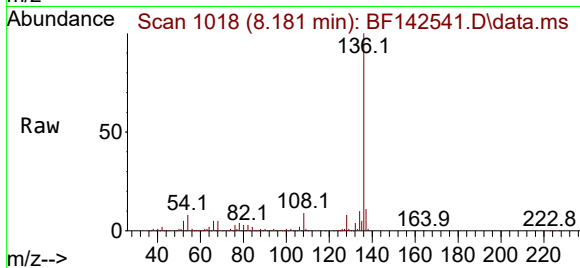
WCS-TP1MSD

Tgt Ion:136 Resp: 492402
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 6.6 10.0
68 5.2 4.1 6.1

Manual Integrations

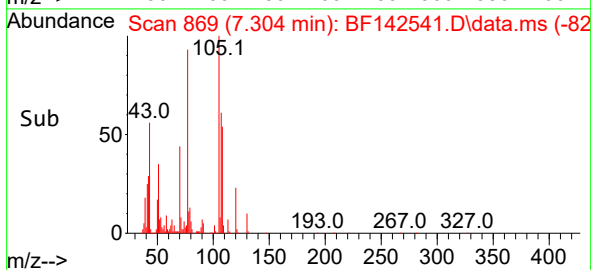
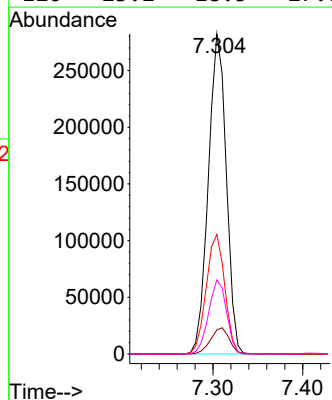
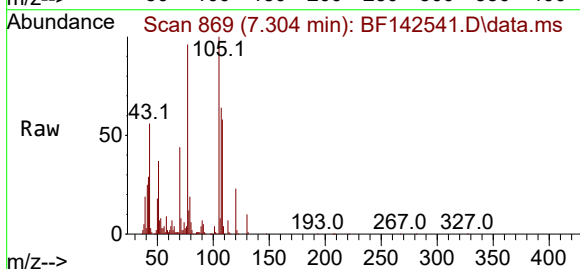
APPROVED

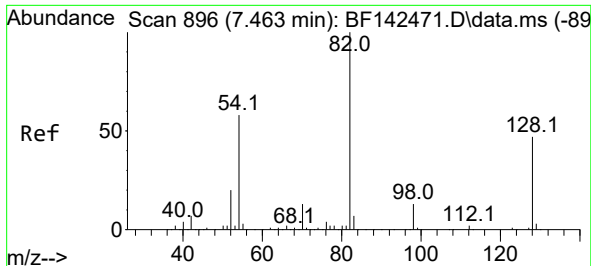
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#22
Acetophenone
Concen: 35.915 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:105 Resp: 391485
Ion Ratio Lower Upper
105 100
71 7.5 6.4 9.6
51 37.3 28.6 42.8
120 23.2 18.5 27.7





#23

Nitrobenzene-d5

Concen: 63.574 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

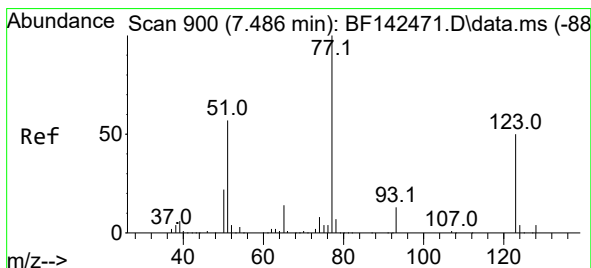
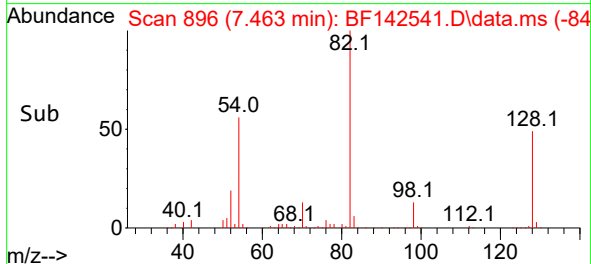
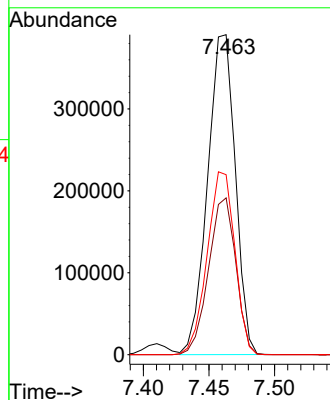
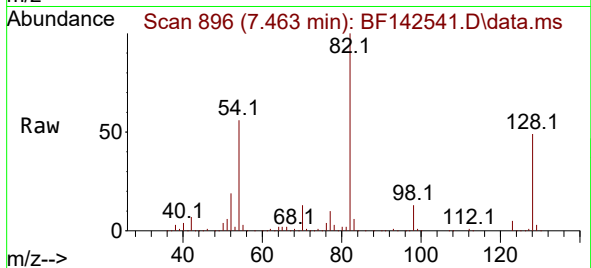
WCS-TP1MSD

Tgt Ion: 82 Resp: 574078
 Ion Ratio Lower Upper
 82 100
 128 49.0 37.4 56.2
 54 56.2 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#24

Nitrobenzene

Concen: 35.574 ng

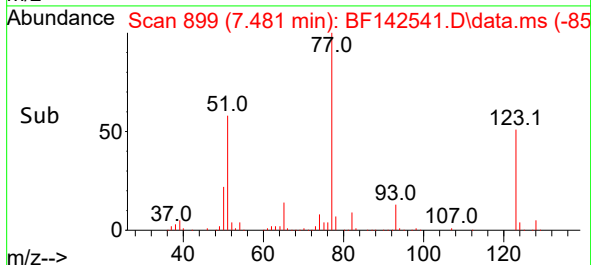
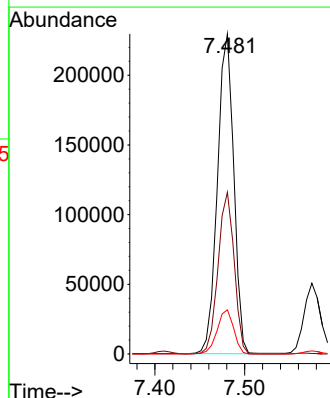
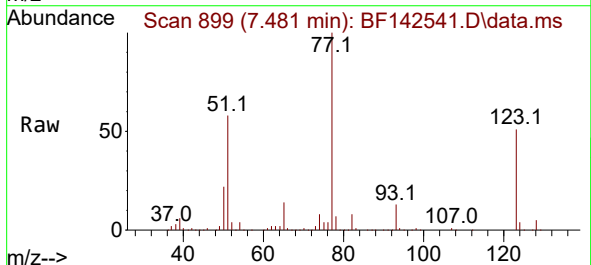
RT: 7.481 min Scan# 899

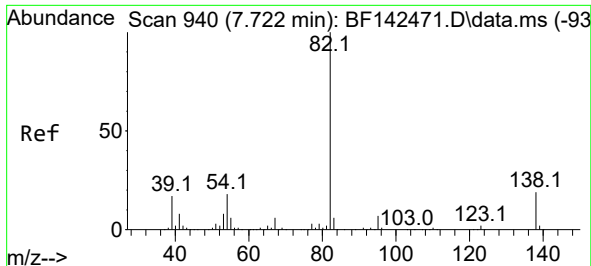
Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Tgt Ion: 77 Resp: 289729
 Ion Ratio Lower Upper
 77 100
 123 50.5 40.6 61.0
 65 13.8 11.4 17.2





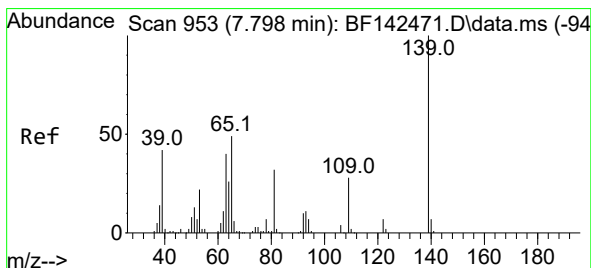
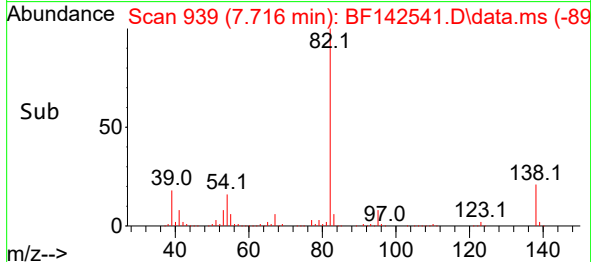
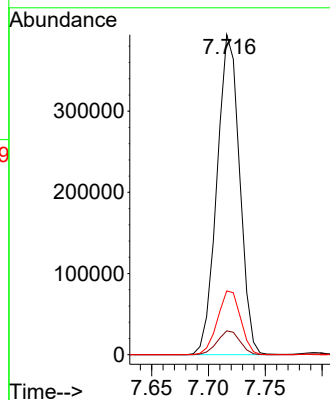
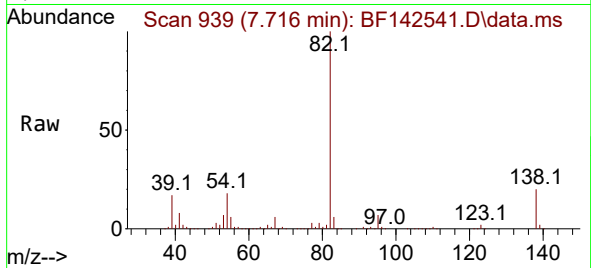
#25
Isophorone
Concen: 36.281 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion: 82 Resp: 54775
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.0 15.5 23.3

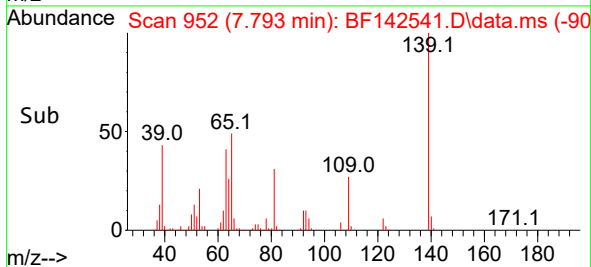
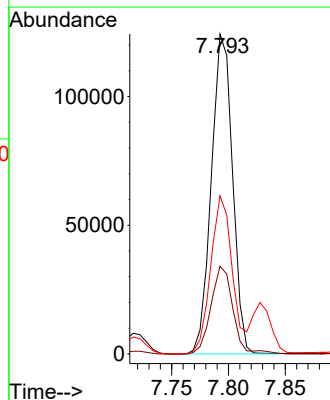
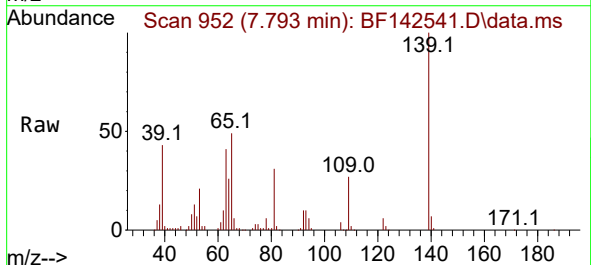
Manual Integrations
APPROVED

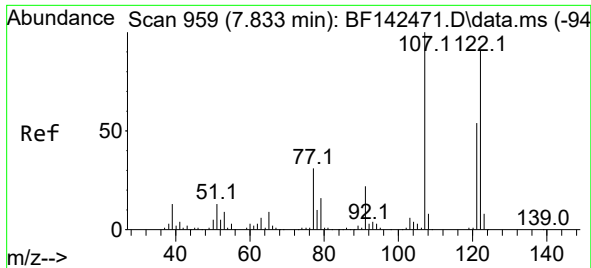
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#26
2-Nitrophenol
Concen: 37.059 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:139 Resp: 161274
Ion Ratio Lower Upper
139 100
109 27.5 22.6 33.8
65 49.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 36.216 ng

RT: 7.828 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:122 Resp: 277939

Ion Ratio Lower Upper

122 100

107 109.4 88.1 132.1

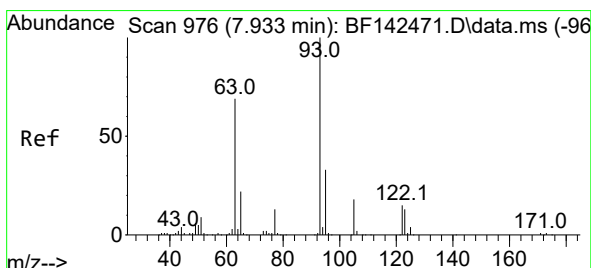
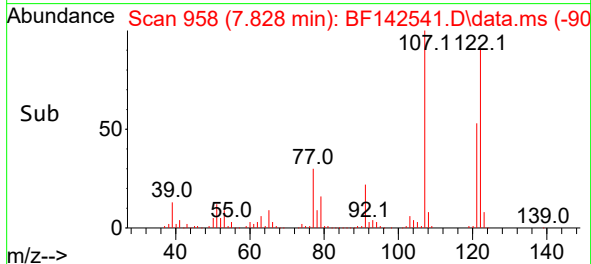
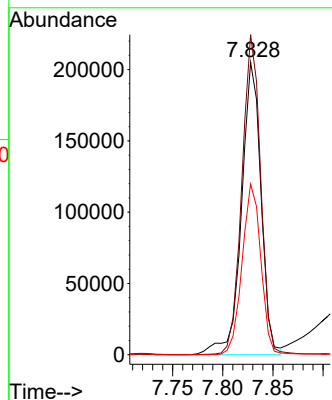
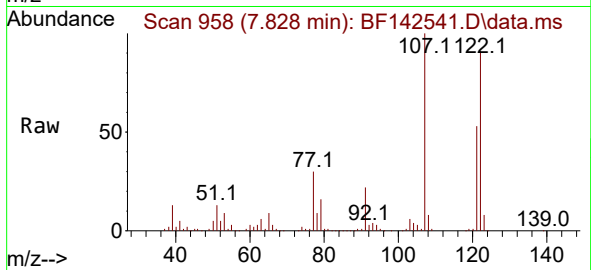
121 58.4 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 36.167 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

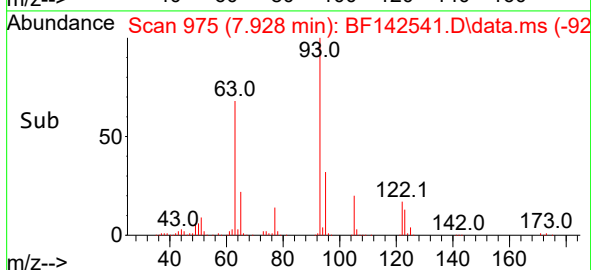
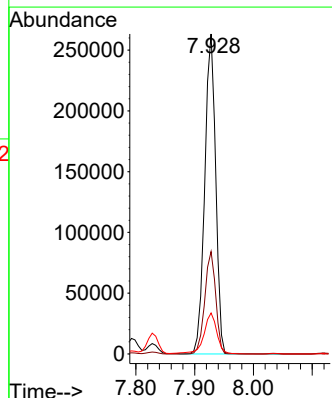
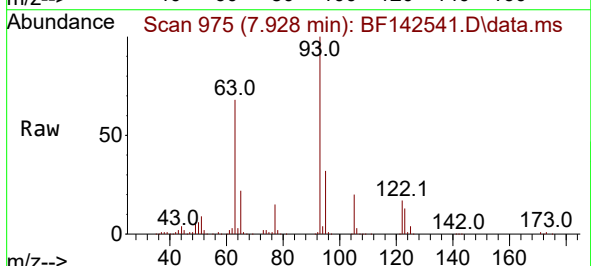
Tgt Ion: 93 Resp: 341099

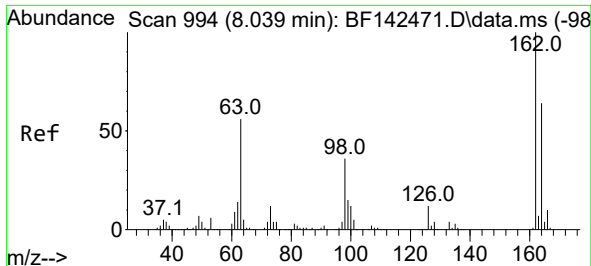
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.8 10.6 15.8





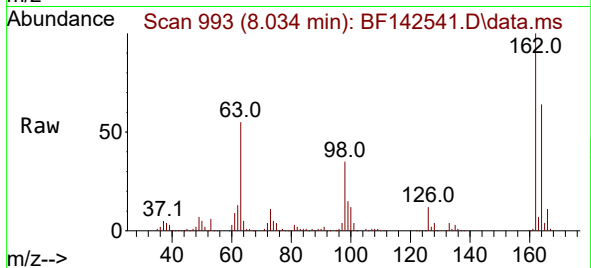
#29
2,4-Dichlorophenol
Concen: 36.617 ng
RT: 8.034 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

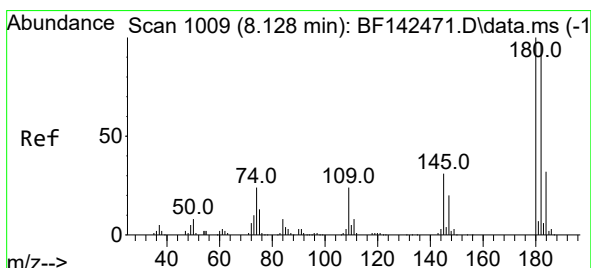
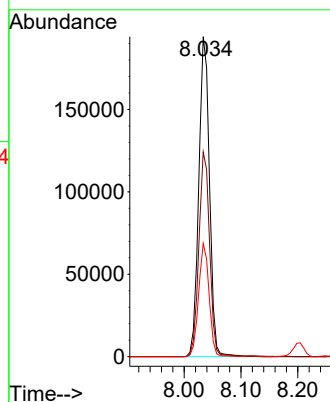
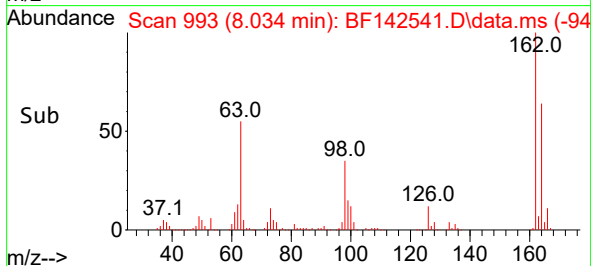


Tgt Ion:162 Resp: 255558
Ion Ratio Lower Upper
162 100
164 64.0 43.7 83.7
98 35.4 15.5 55.5

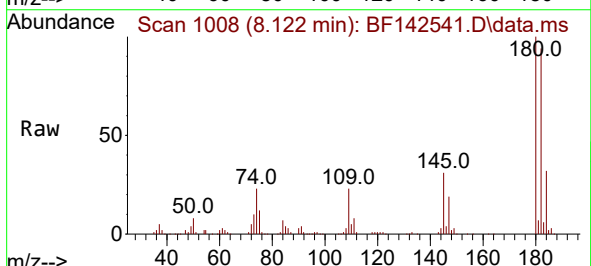
Manual Integrations

APPROVED

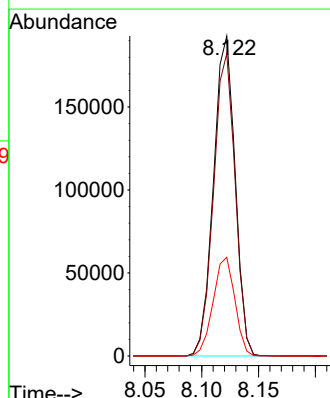
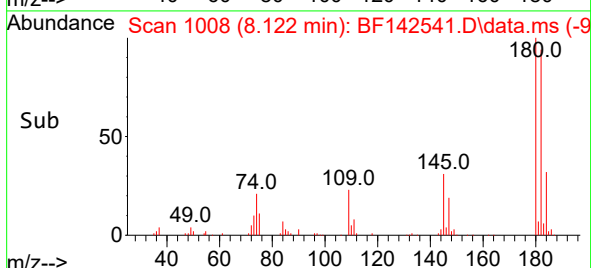
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

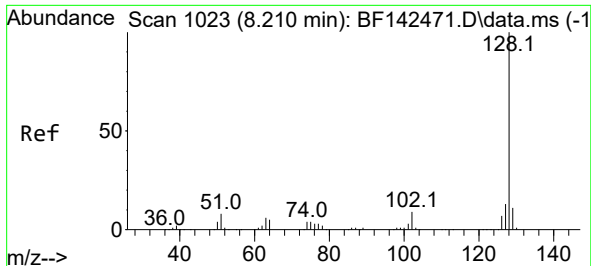


#30
1,2,4-Trichlorobenzene
Concen: 33.634 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



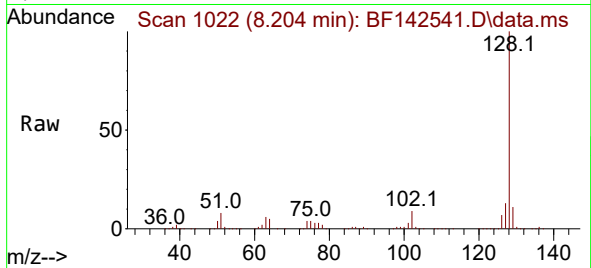
Tgt Ion:180 Resp: 254758
Ion Ratio Lower Upper
180 100
182 94.5 78.0 117.0
145 30.8 25.0 37.6





#31
Naphthalene
Concen: 34.317 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

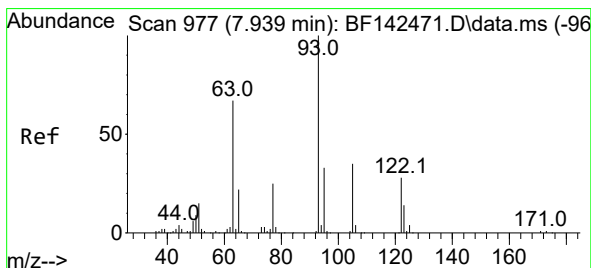
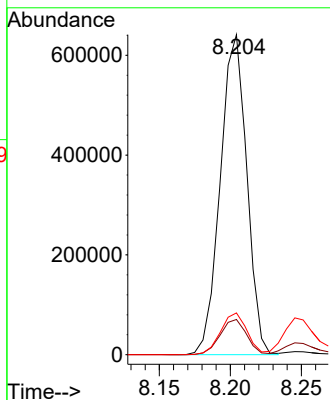
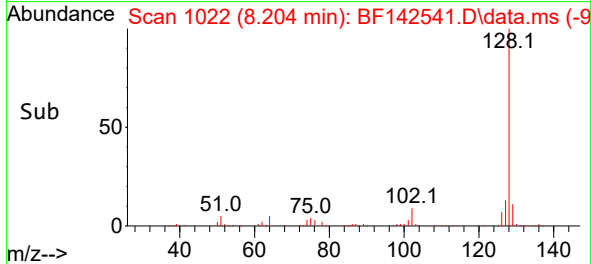
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:128 Resp: 83204
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7

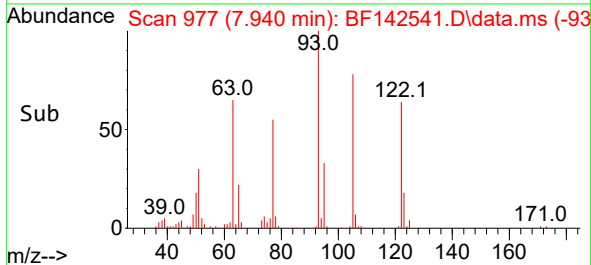
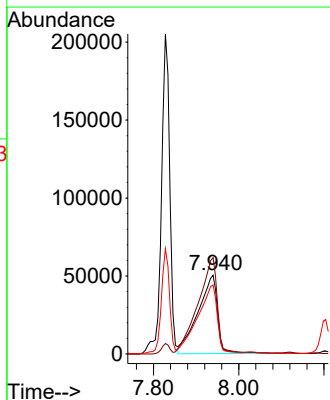
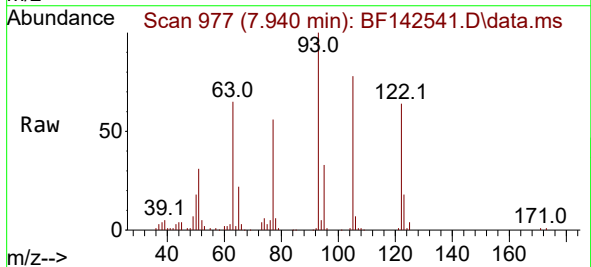
Manual Integrations
APPROVED

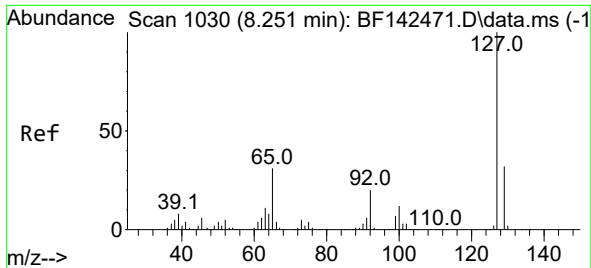
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 34.484 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:122 Resp: 161096
Ion Ratio Lower Upper
122 100
105 122.3 101.7 141.7
77 87.7 69.5 109.5





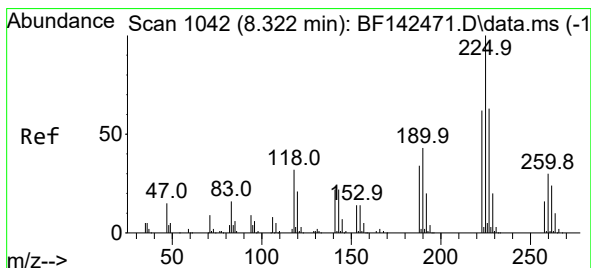
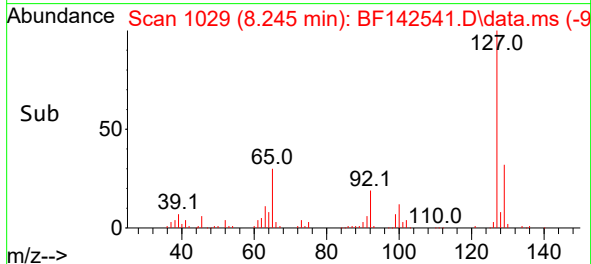
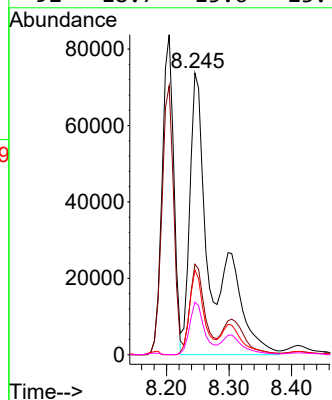
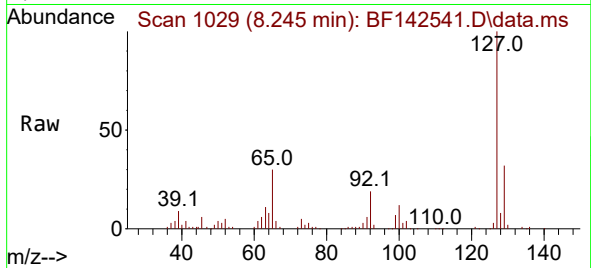
#33
4-Chloroaniline
Concen: 18.679 ng m
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:127 Resp: 18351
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 30.1 24.9 37.3
92 18.7 15.6 23.4

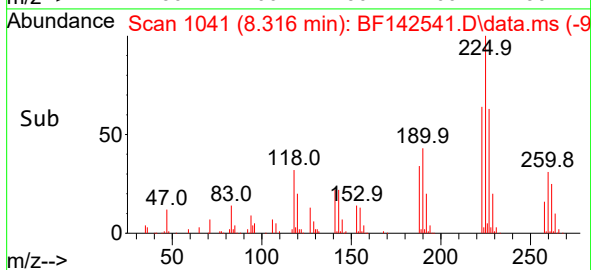
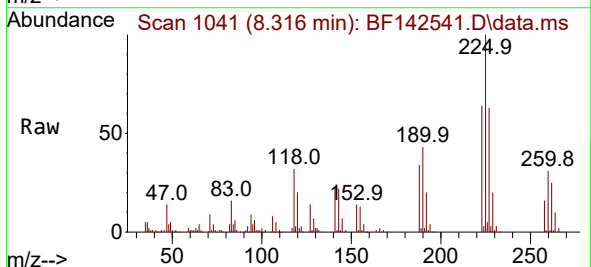
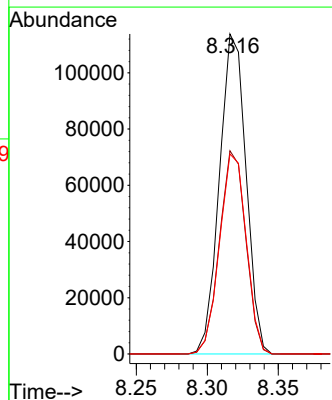
Manual Integrations
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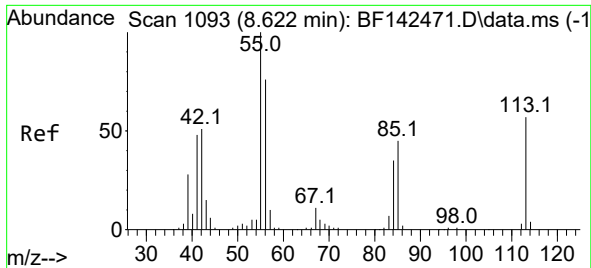
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#34
Hexachlorobutadiene
Concen: 31.319 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

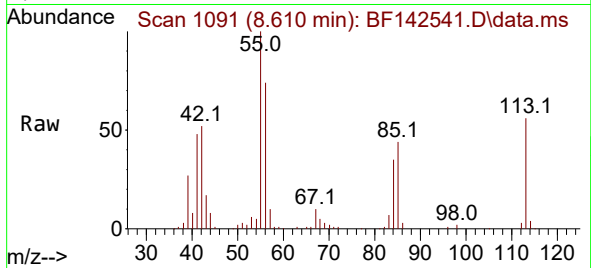
Tgt Ion:225 Resp: 148123
Ion Ratio Lower Upper
225 100
223 63.5 49.7 74.5
227 62.5 50.3 75.5





#35
 Caprolactam
 Concen: 33.640 ng m
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.035 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

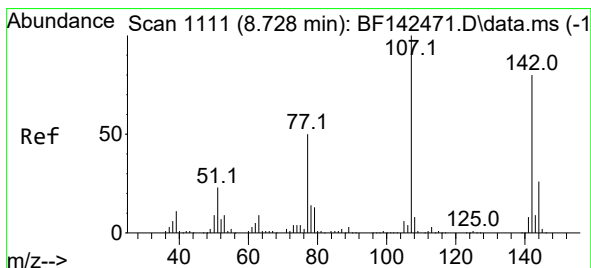
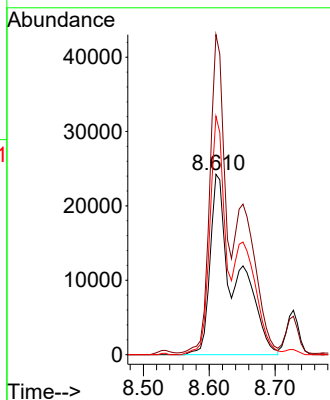
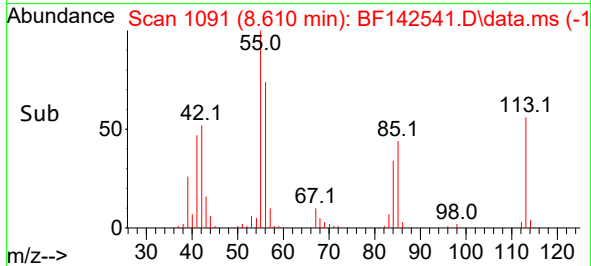
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD



Tgt Ion:113 Resp: 6594
 Ion Ratio Lower Upper
 113 100
 55 177.5 154.7 194.7
 56 132.2 113.2 153.2

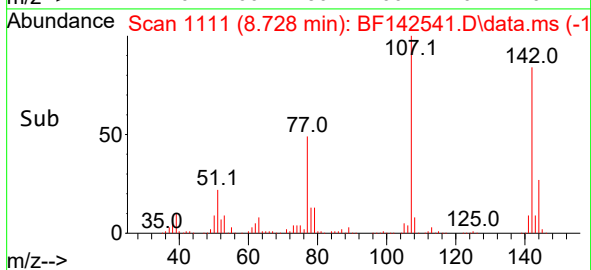
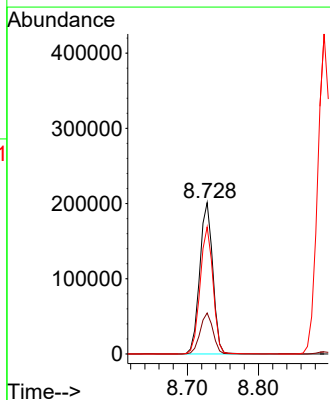
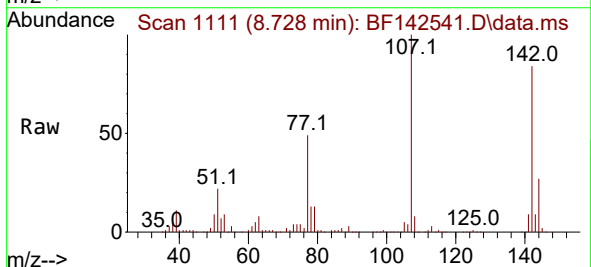
Manual Integrations
 APPROVED

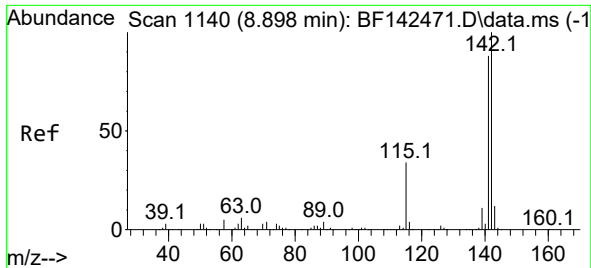
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 36.145 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

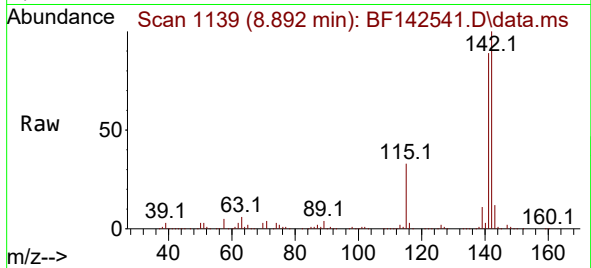
Tgt Ion:107 Resp: 258533
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.9 31.3
 142 83.9 64.2 96.2





#37
2-Methylnaphthalene
Concen: 35.103 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

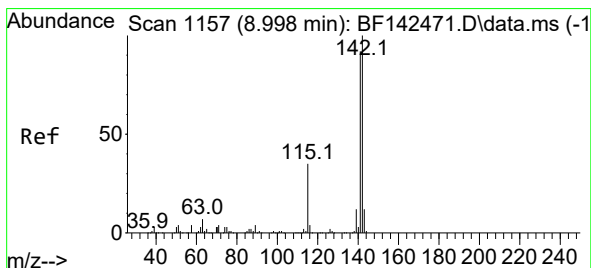
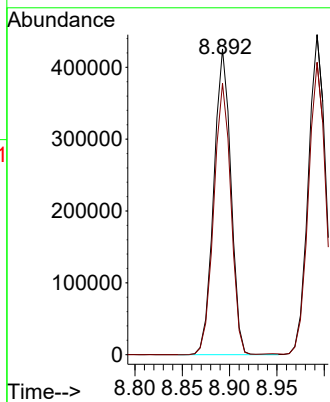
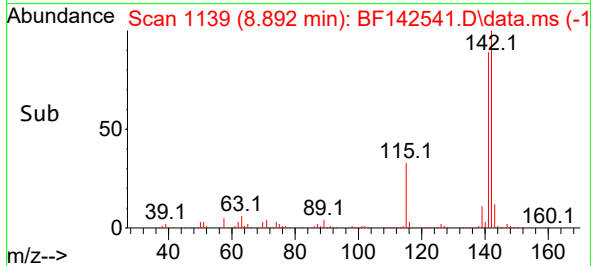
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:142 Resp: 53544
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1

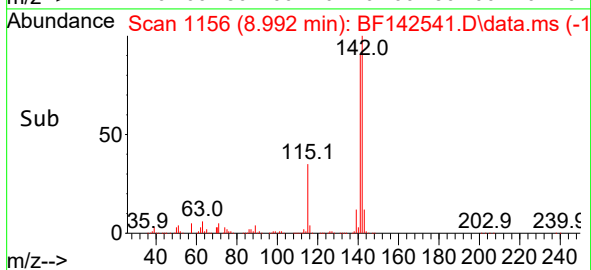
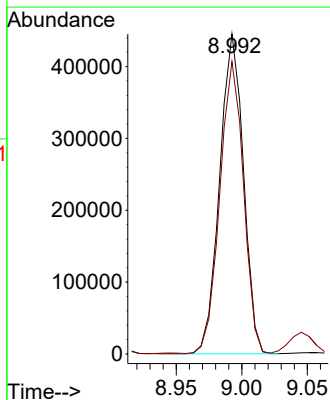
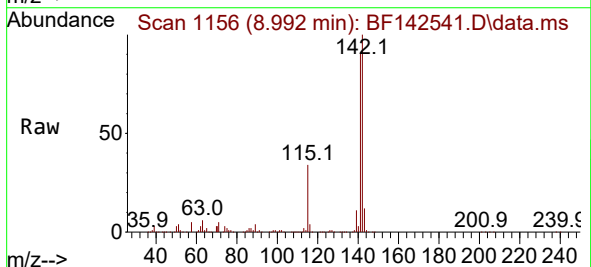
Manual Integrations
APPROVED

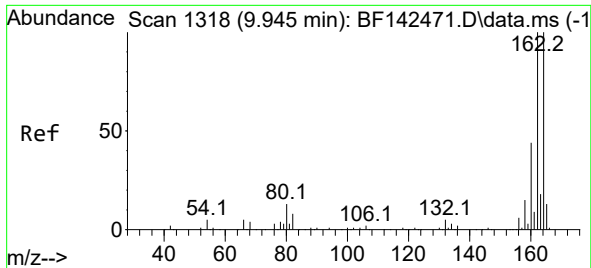
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 35.512 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

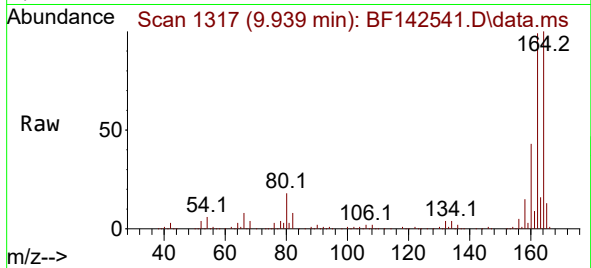
Tgt Ion:142 Resp: 560300
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

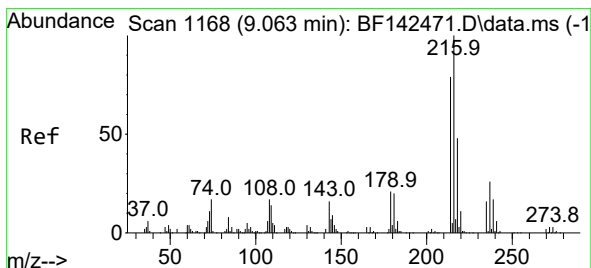
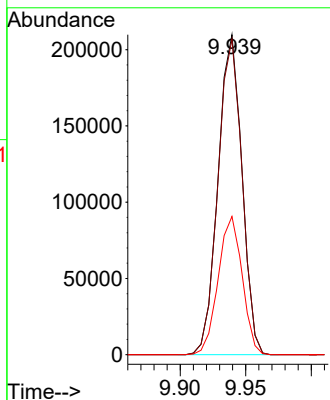
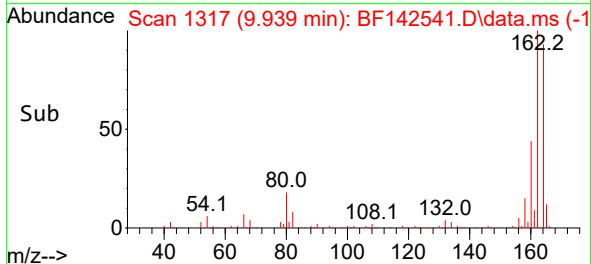
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:164 Resp: 265988
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.4
160 43.2 35.6 53.4

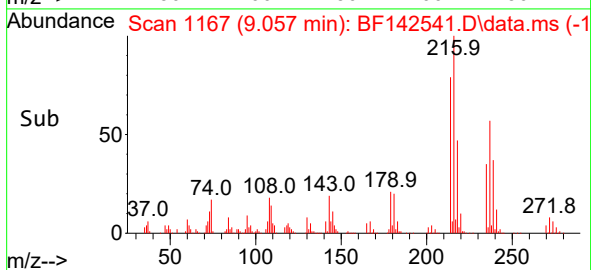
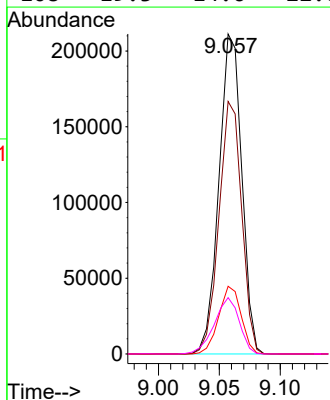
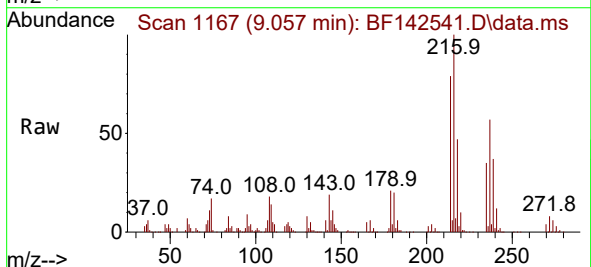
Manual Integrations
APPROVED

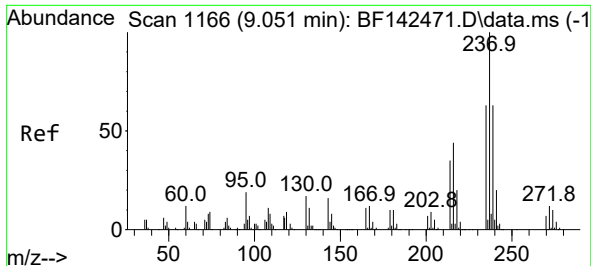
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.045 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

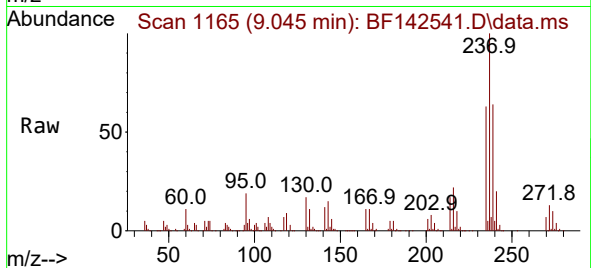
Tgt Ion:216 Resp: 275214
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 20.9 16.9 25.3
108 19.3 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 65.463 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

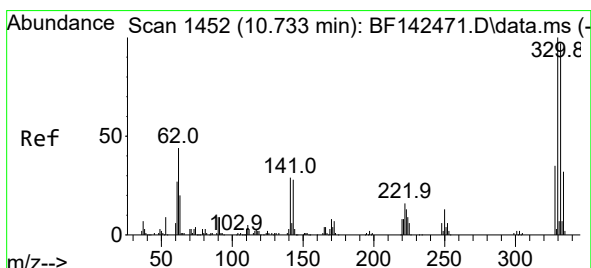
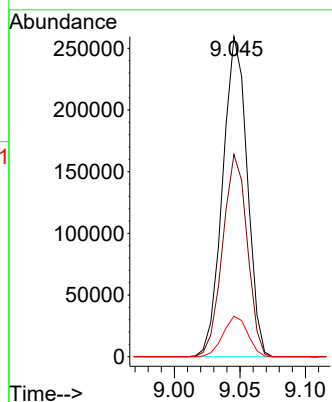
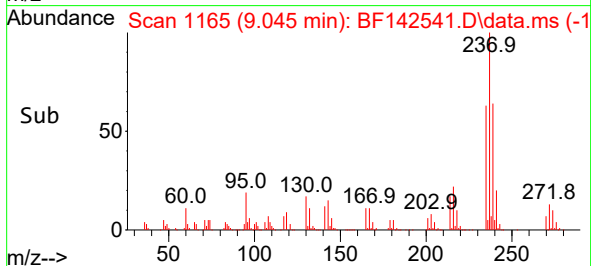
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



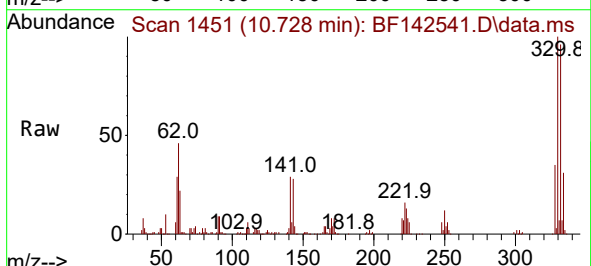
Tgt Ion:237 Resp: 337183
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.4

Manual Integrations
APPROVED

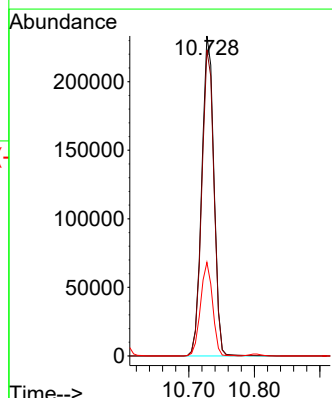
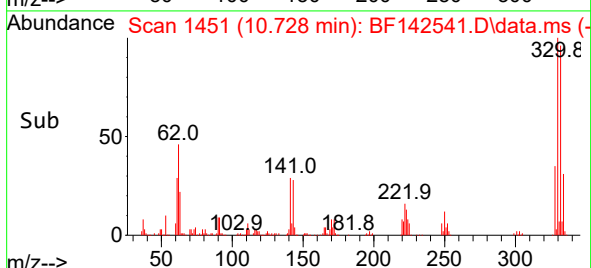
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#42
2,4,6-Tribromophenol
Concen: 102.149 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



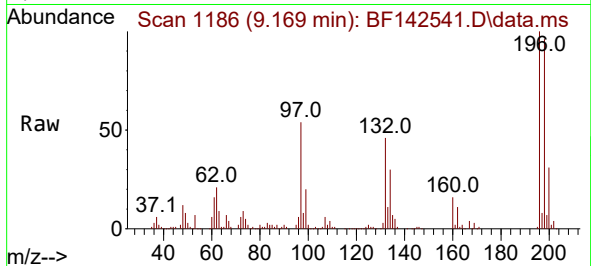
Tgt Ion:330 Resp: 301556
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 28.9 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 36.816 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

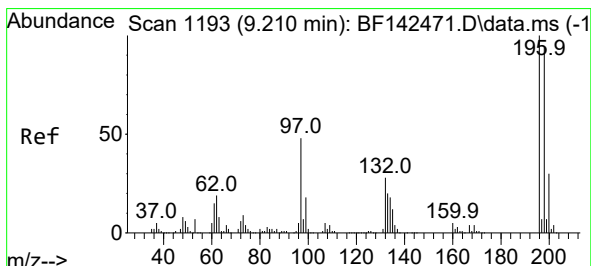
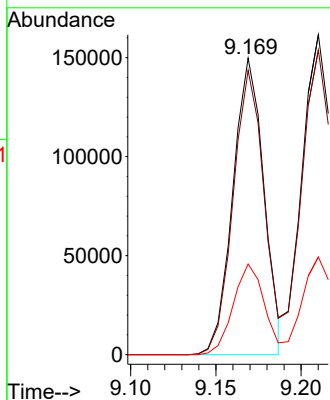
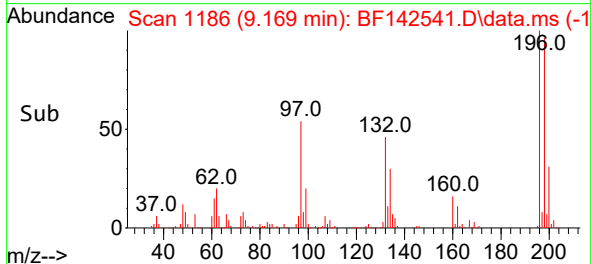
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



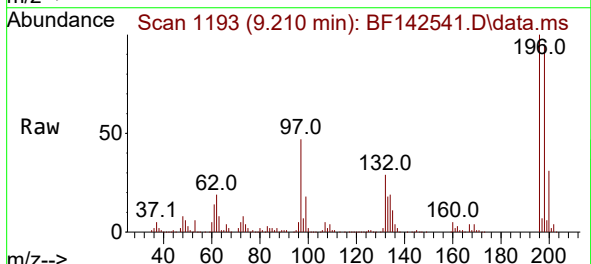
Tgt Ion:196 Resp: 18955
Ion Ratio Lower Upper
196 100
198 95.8 78.8 118.2
200 30.6 24.9 37.3

Manual Integrations
APPROVED

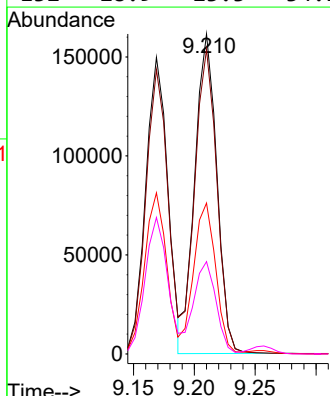
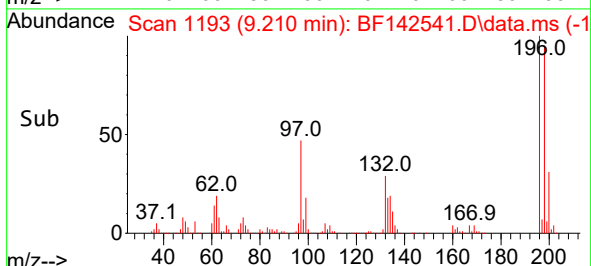
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

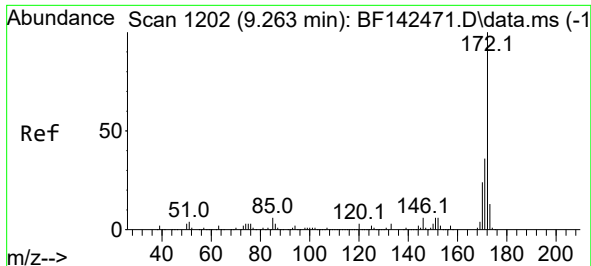


#44
2,4,5-Trichlorophenol
Concen: 37.402 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



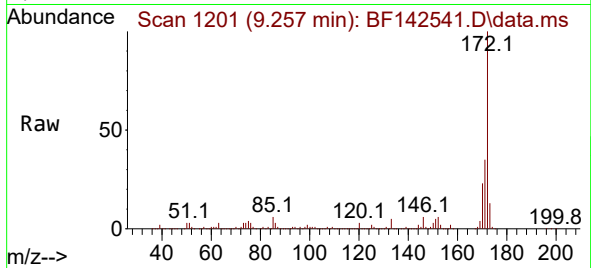
Tgt Ion:196 Resp: 203092
Ion Ratio Lower Upper
196 100
198 95.2 75.5 113.3
97 47.1 39.3 58.9
132 28.9 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 60.579 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

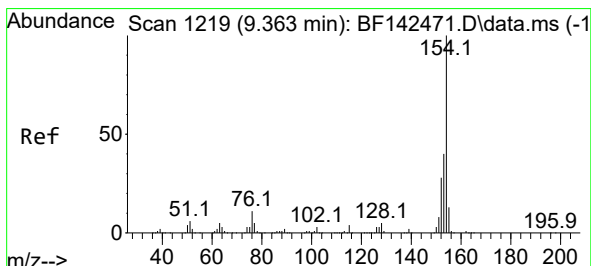
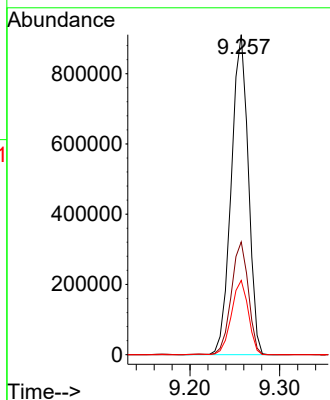
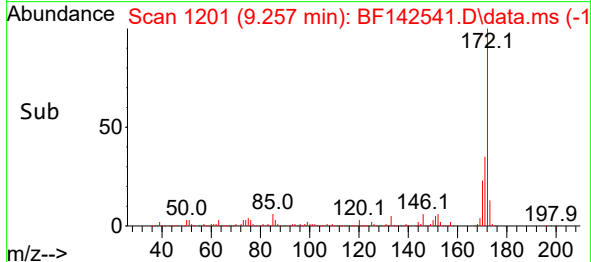
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



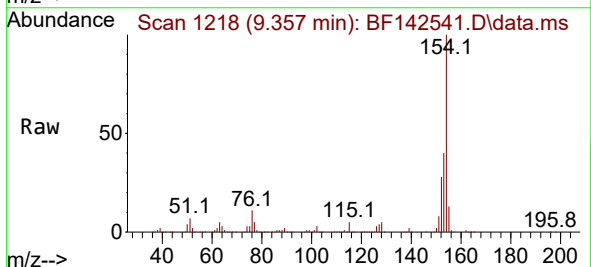
Tgt Ion:172 Resp: 1200818
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.9 28.3

Manual Integrations
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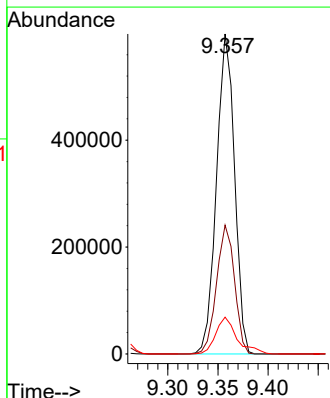
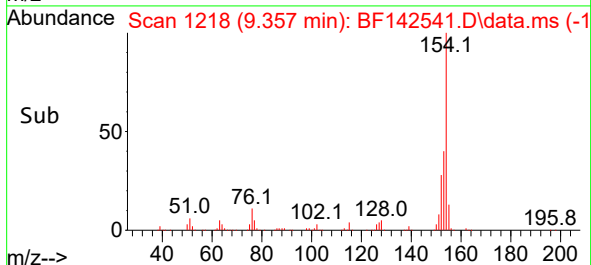
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

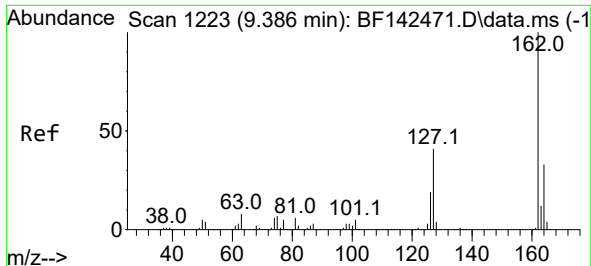


#46
1,1'-Biphenyl
Concen: 36.140 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



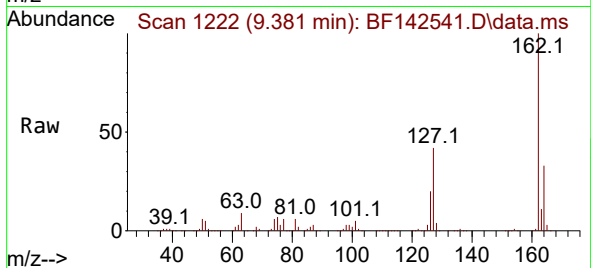
Tgt Ion:154 Resp: 745787
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.5 0.0 30.8





#47
2-Chloronaphthalene
Concen: 35.902 ng
RT: 9.381 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

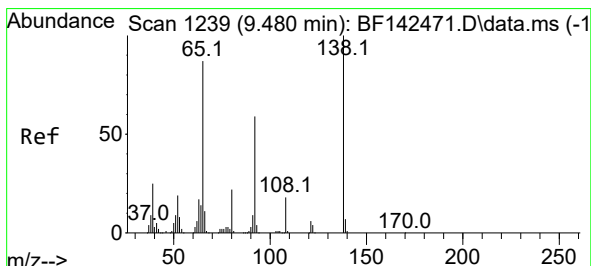
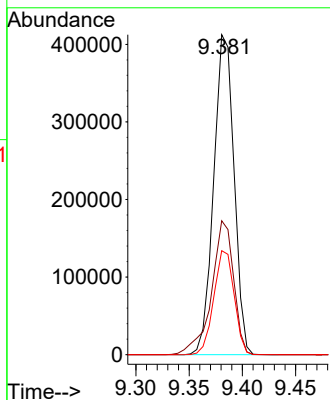
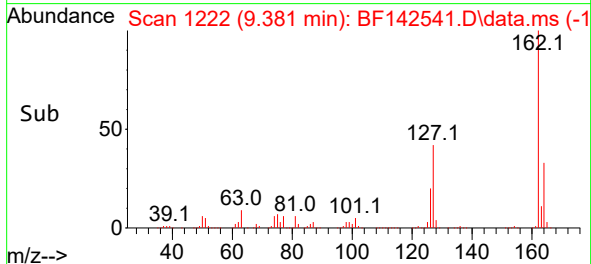
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:162 Resp: 54738
Ion Ratio Lower Upper
162 100
127 41.8 33.5 50.3
164 32.5 26.1 39.1

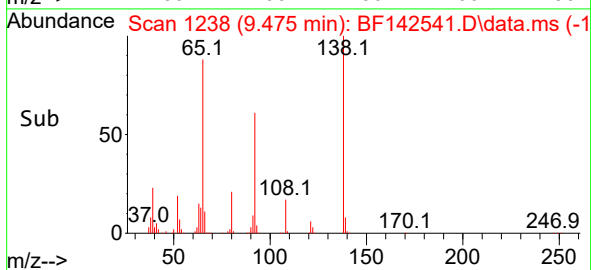
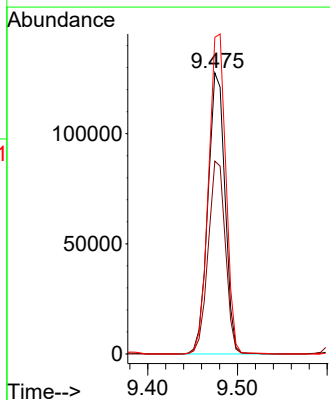
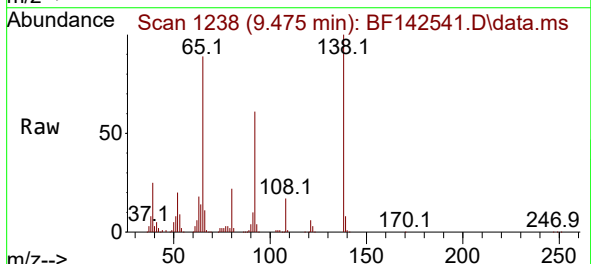
Manual Integrations
APPROVED

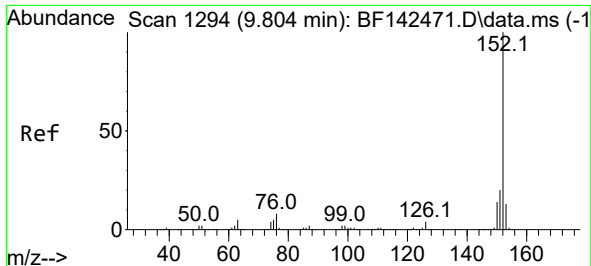
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#48
2-Nitroaniline
Concen: 38.291 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

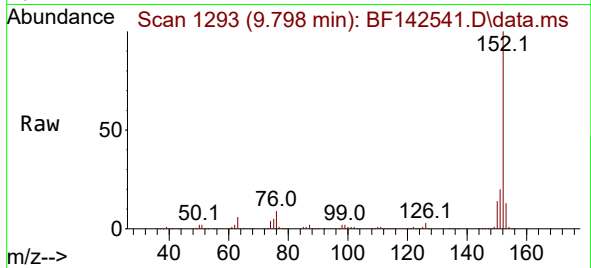
Tgt Ion: 65 Resp: 168745
Ion Ratio Lower Upper
65 100
92 68.6 54.4 81.6
138 112.6 91.4 137.2





#49
Acenaphthylene
Concen: 36.465 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

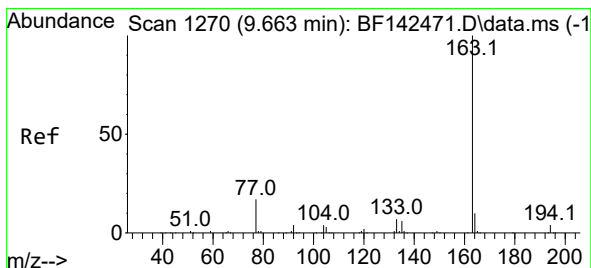
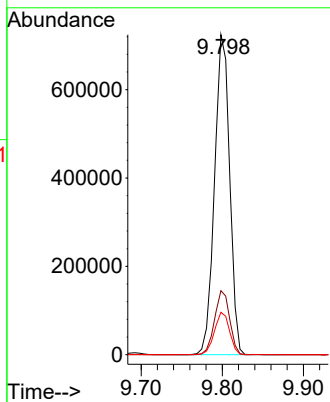
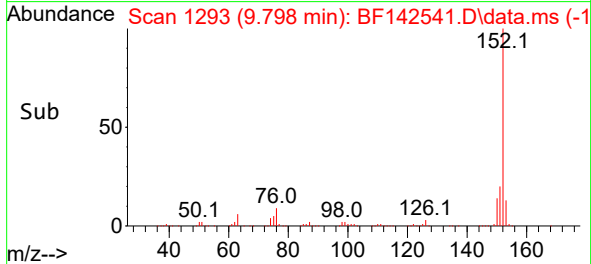
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



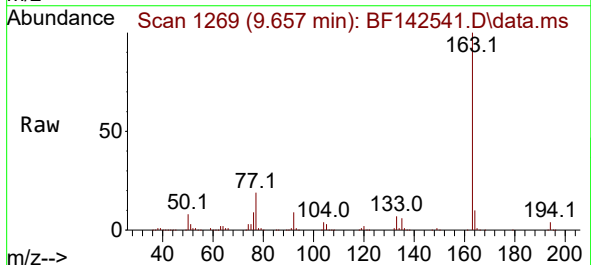
Tgt Ion:152 Resp: 938782
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.6 15.8

Manual Integrations
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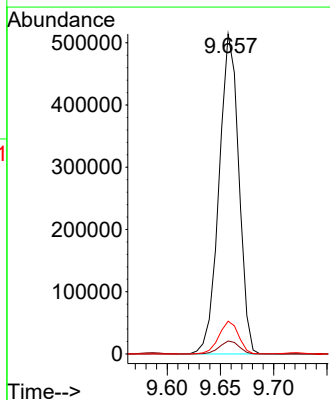
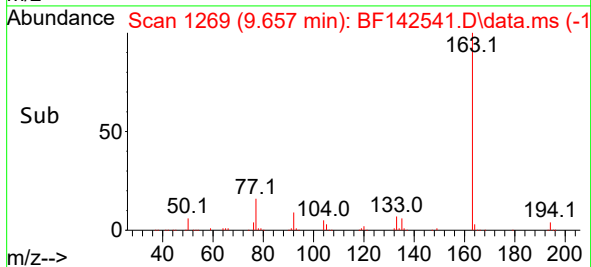
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

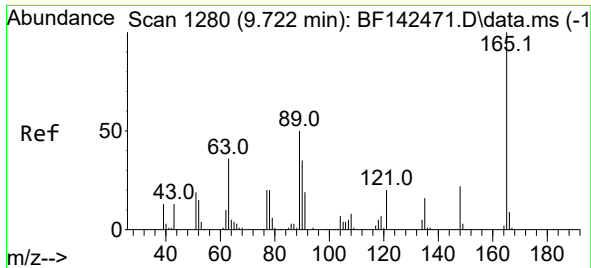


#50
Dimethylphthalate
Concen: 37.746 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



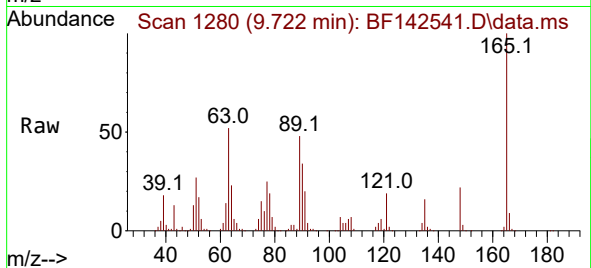
Tgt Ion:163 Resp: 662468
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 38.330 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

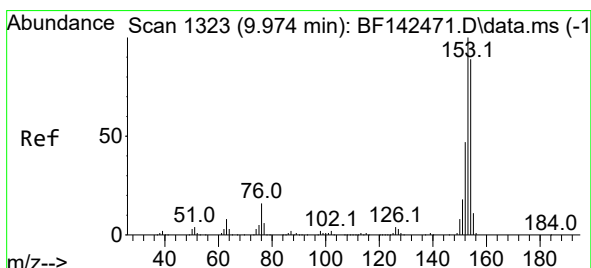
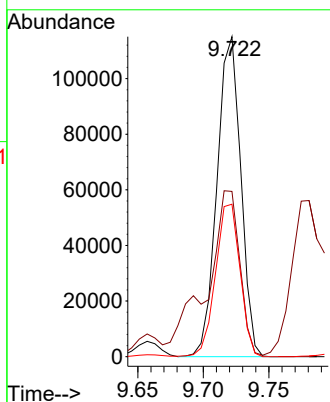
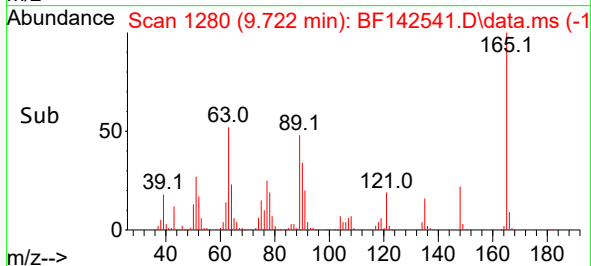
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:165 Resp: 145190
Ion Ratio Lower Upper
165 100
63 51.7 42.9 64.3
89 47.6 40.2 60.4

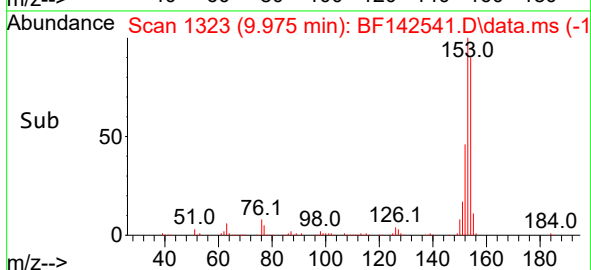
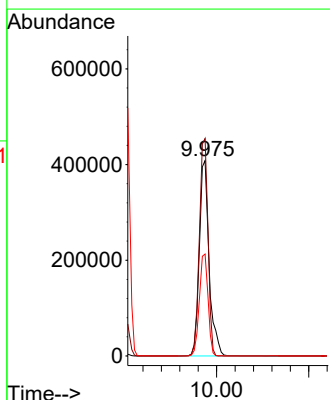
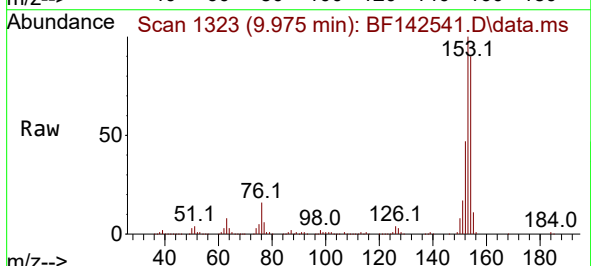
Manual Integrations
APPROVED

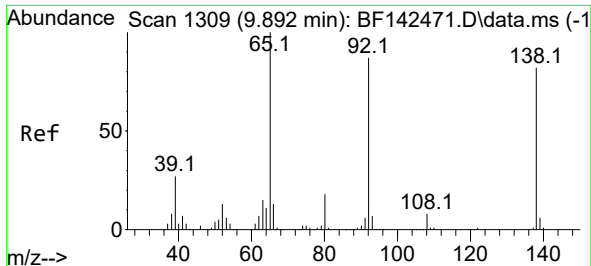
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#52
Acenaphthene
Concen: 38.512 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Tgt Ion:154 Resp: 605421
Ion Ratio Lower Upper
154 100
153 111.3 90.0 135.0
152 52.2 42.6 64.0





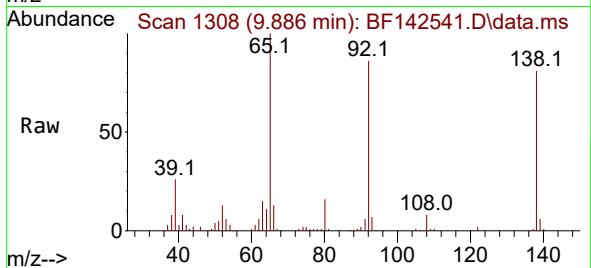
#53
3-Nitroaniline
Concen: 21.846 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD



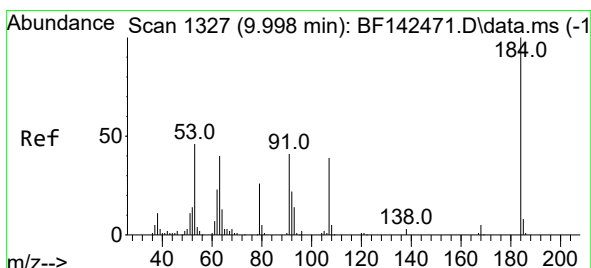
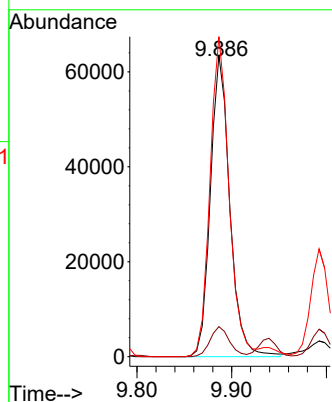
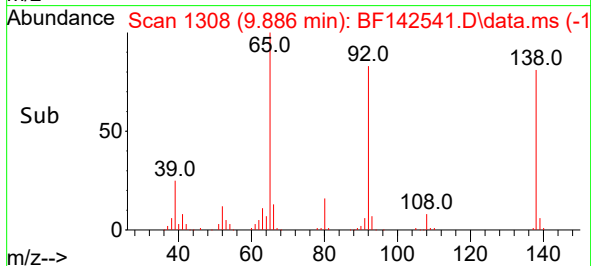
Tgt Ion:138 Resp: 90384
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.2 85.2 127.8

Manual Integrations

APPROVED

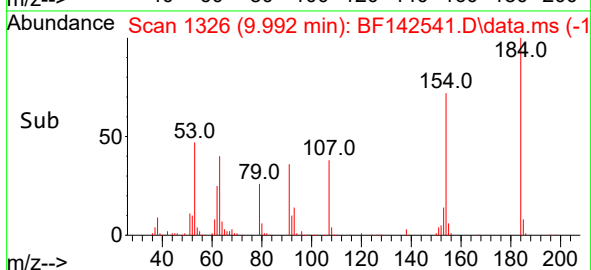
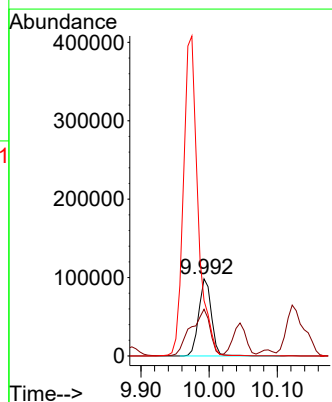
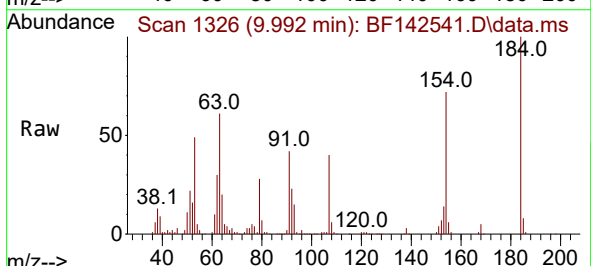
Reviewed By :Rahul Chavli 05/27/2025

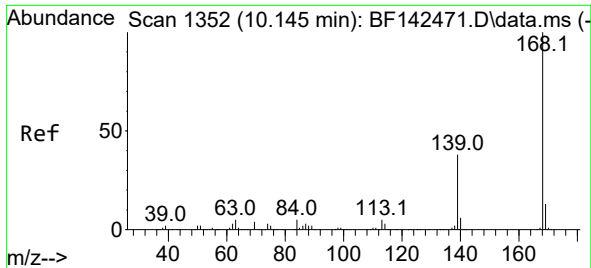
Supervised By :Jagrut Upadhyay 05/27/2025



#54
2,4-Dinitrophenol
Concen: 64.917 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

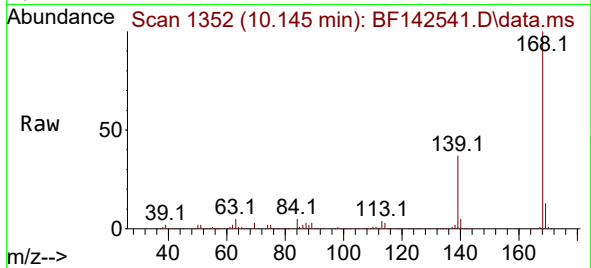
Tgt Ion:184 Resp: 127044
Ion Ratio Lower Upper
184 100
63 60.6 46.3 69.5
154 71.8 56.8 85.2





#55
Dibenzofuran
Concen: 36.451 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

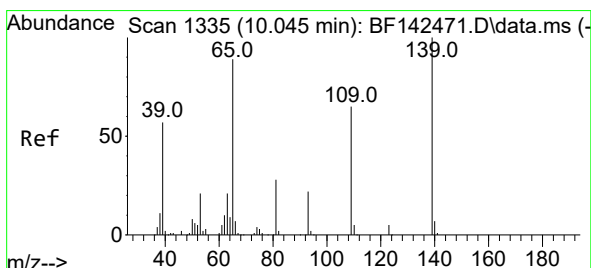
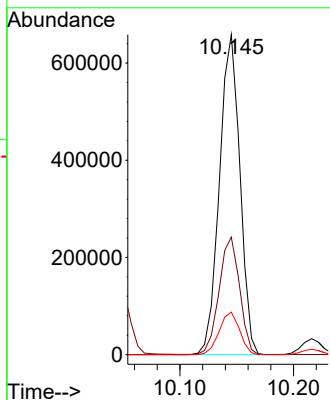
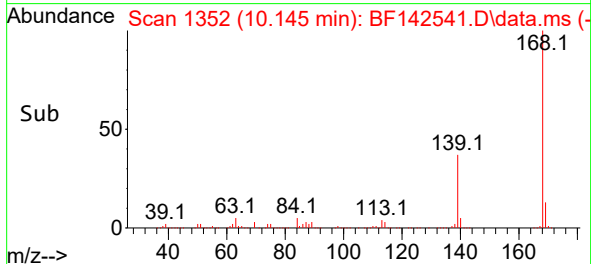
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



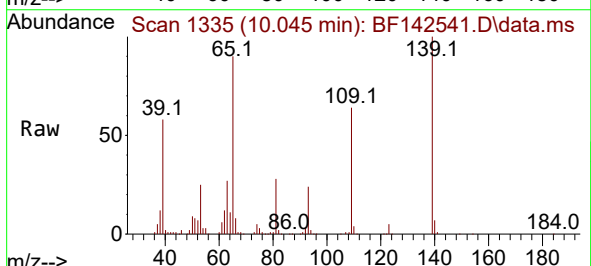
Tgt Ion:168 Resp: 824604
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.2
169 13.3 10.7 16.1

Manual Integrations
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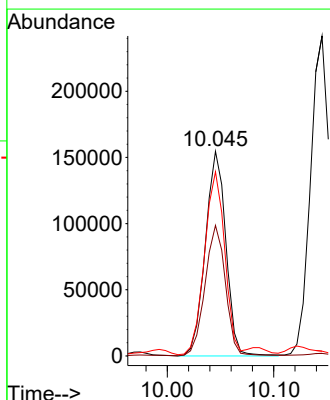
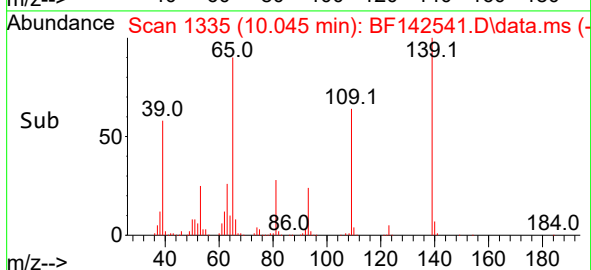
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

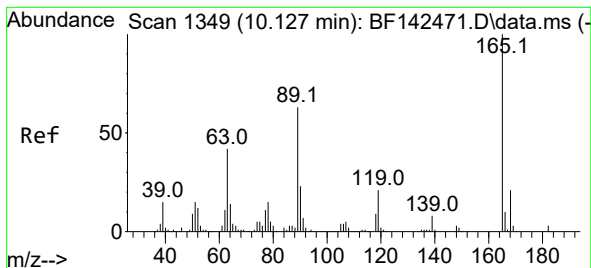


#56
4-Nitrophenol
Concen: 68.155 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



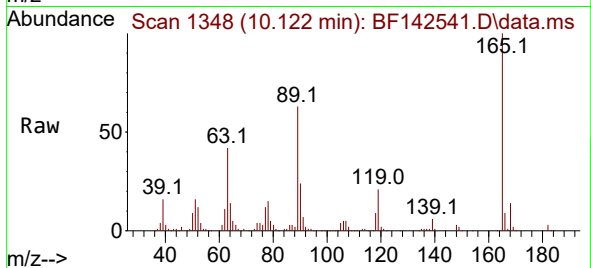
Tgt Ion:139 Resp: 208062
Ion Ratio Lower Upper
139 100
109 63.8 45.1 85.1
65 90.0 69.7 109.7





#57
2,4-Dinitrotoluene
Concen: 40.293 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

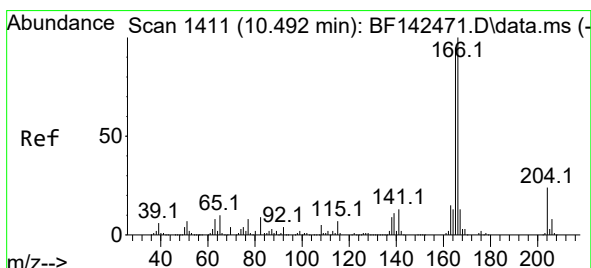
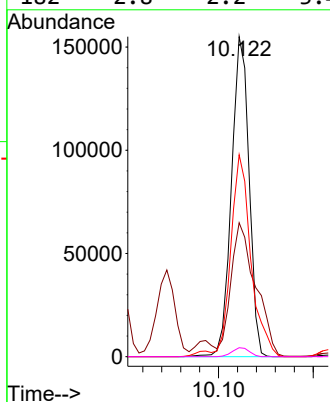
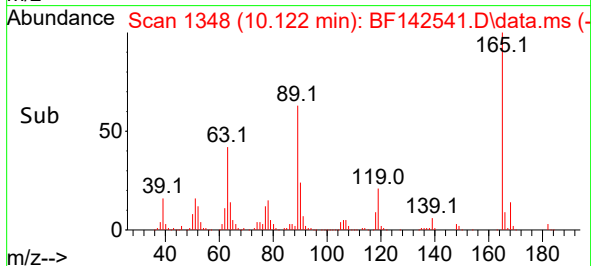
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



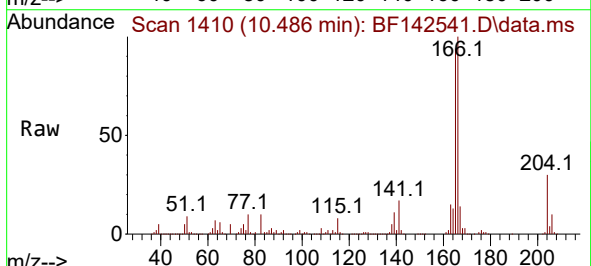
Tgt Ion:165 Resp: 199329
Ion Ratio Lower Upper
165 100
63 41.9 33.6 50.4
89 63.1 50.2 75.4
182 2.8 2.2 3.4

Manual Integrations
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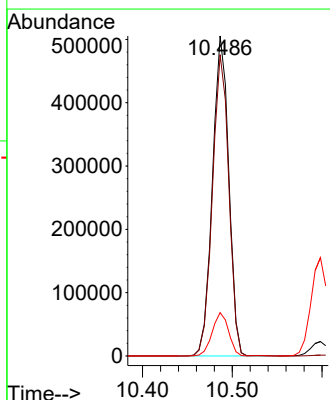
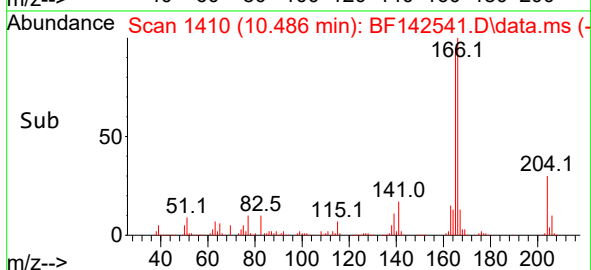
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

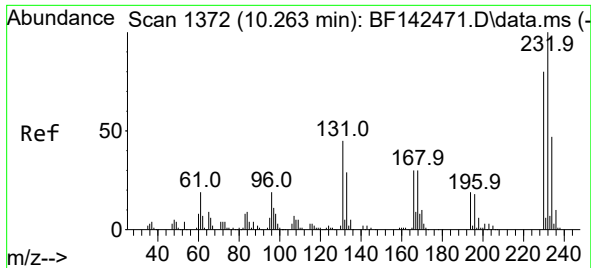


#58
Fluorene
Concen: 36.551 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



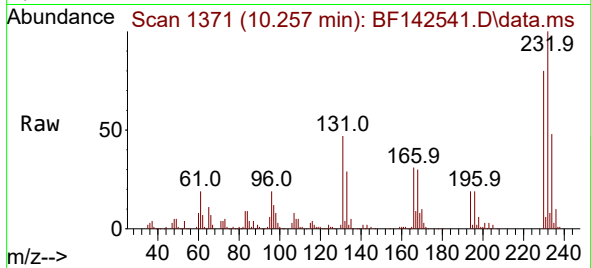
Tgt Ion:166 Resp: 638793
Ion Ratio Lower Upper
166 100
165 94.2 75.8 113.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.617 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

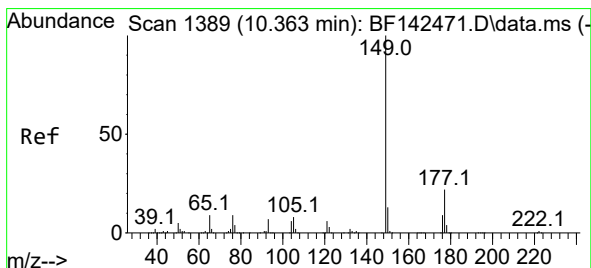
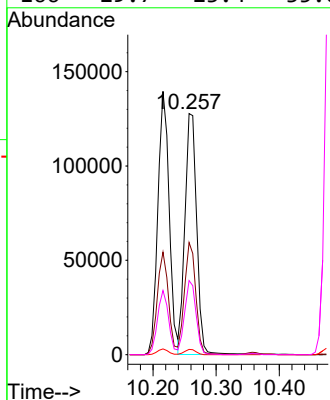
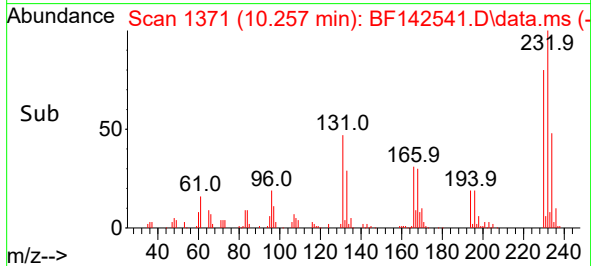
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



Tgt Ion:232 Resp: 165989
Ion Ratio Lower Upper
232 100
131 44.5 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0

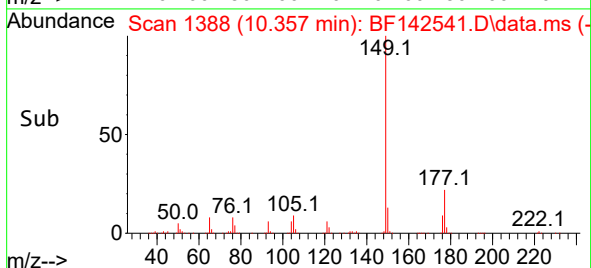
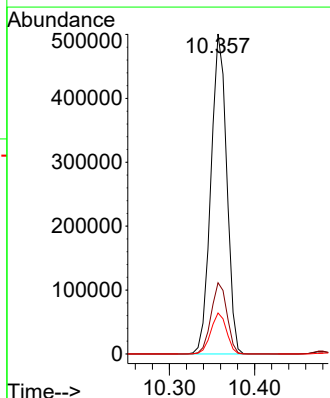
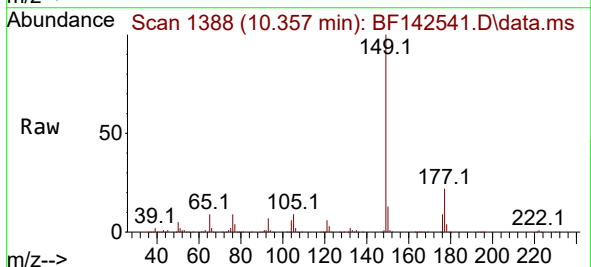
Manual Integrations
APPROVED

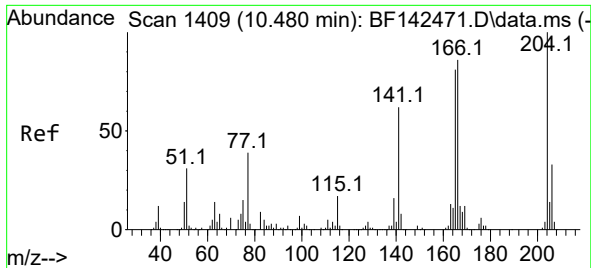
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#60
Diethylphthalate
Concen: 37.596 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

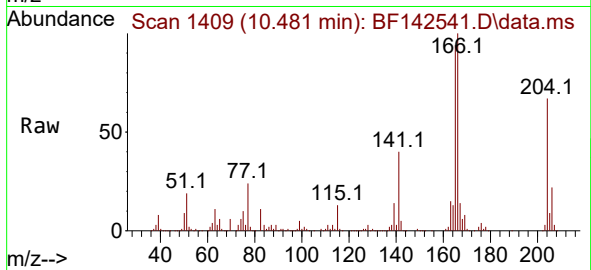
Tgt Ion:149 Resp: 644433
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.351 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

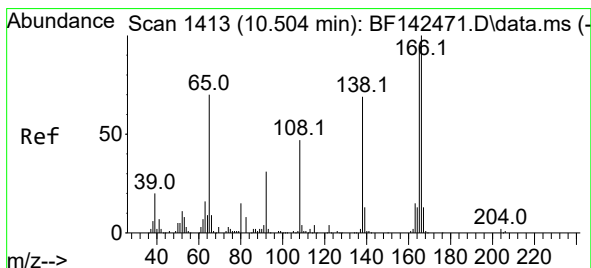
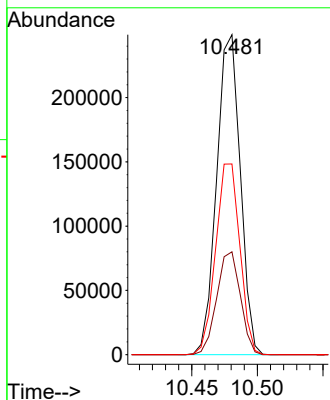
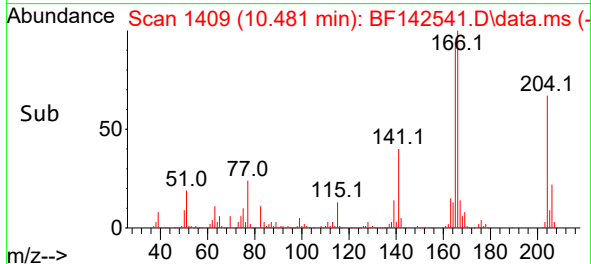
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



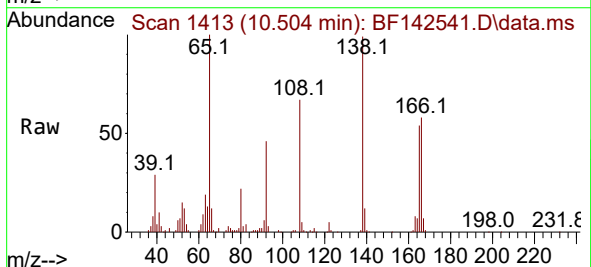
Tgt Ion:204 Resp: 31208
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 59.6 49.5 74.3

Manual Integrations
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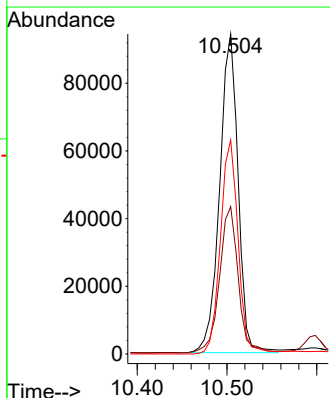
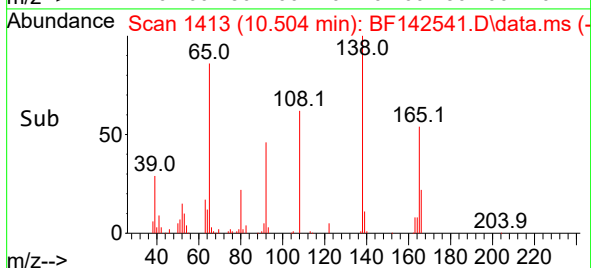
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

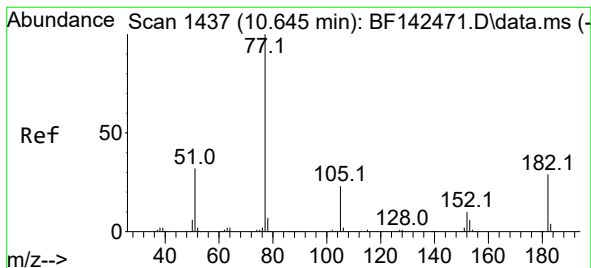


#62
4-Nitroaniline
Concen: 35.845 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



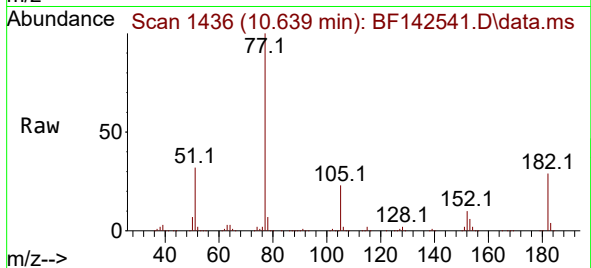
Tgt Ion:138 Resp: 134505
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 66.9 48.4 88.4





#63
Azobenzene
Concen: 36.787 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

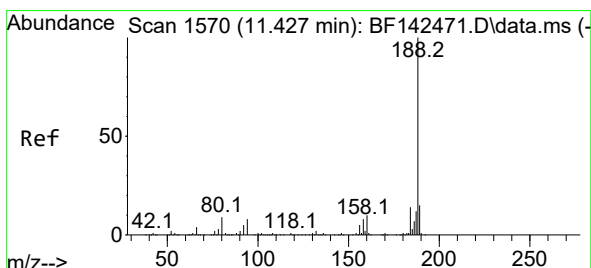
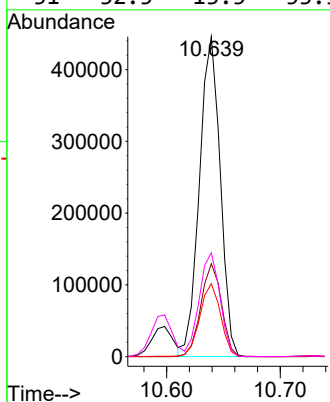
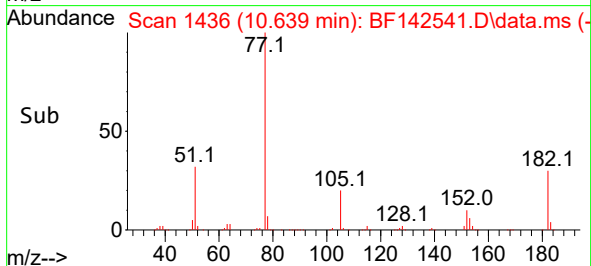
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



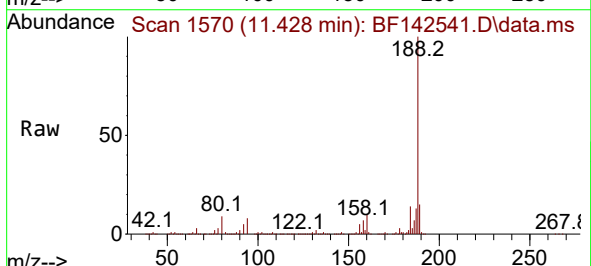
Tgt Ion: 77 Resp: 566358
Ion Ratio Lower Upper
77 100
182 29.1 9.0 49.0
105 22.8 2.4 42.4
51 32.5 13.5 53.5

Manual Integrations
APPROVED

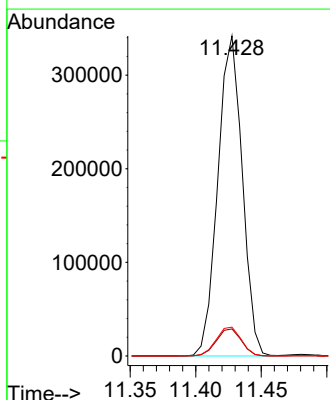
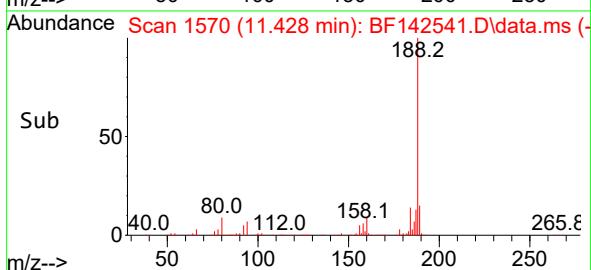
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

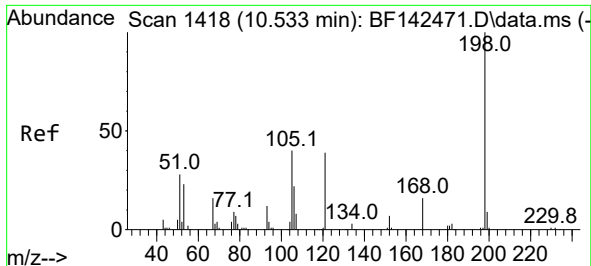


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:188 Resp: 442853
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.4 11.0





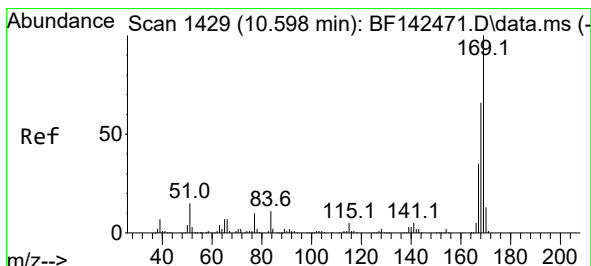
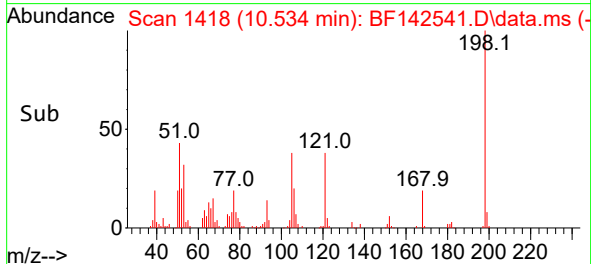
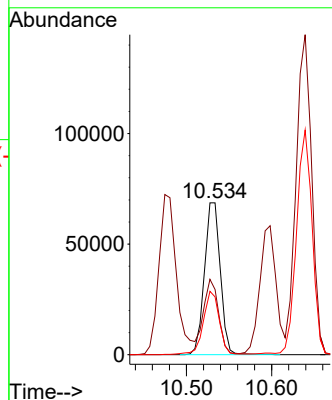
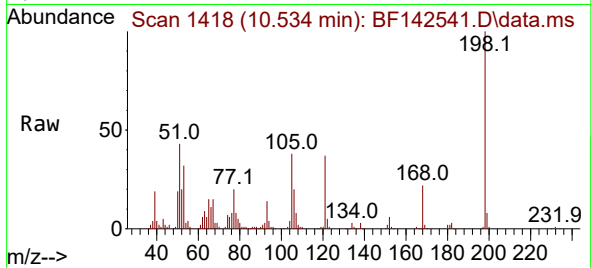
#65
4,6-Dinitro-2-methylphenol
Concen: 36.022 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD

Tgt Ion:198 Resp: 8902
Ion Ratio Lower Upper
198 100
51 42.9 28.3 68.3
105 38.0 21.3 61.3

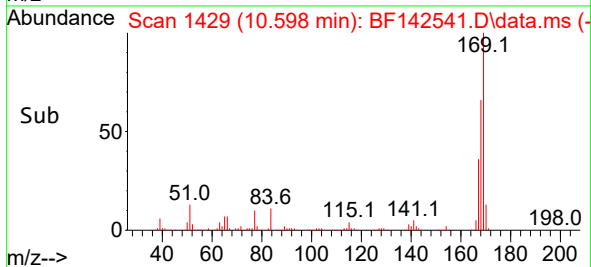
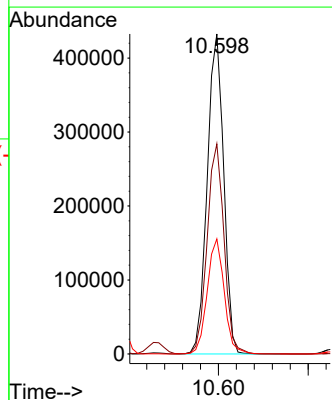
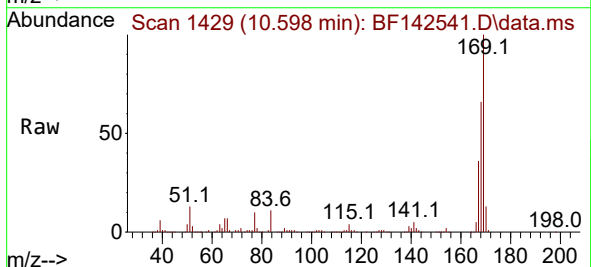
Manual Integrations
APPROVED

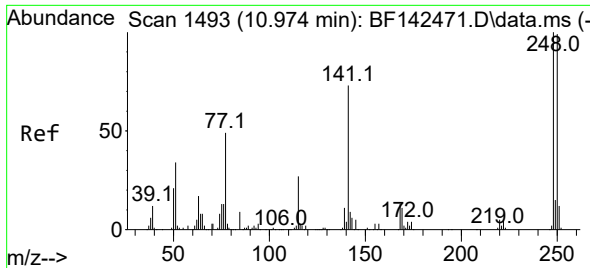
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#66
n-Nitrosodiphenylamine
Concen: 36.338 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

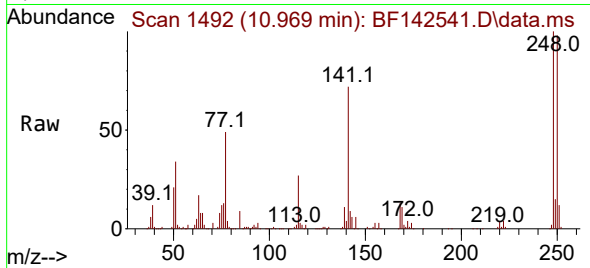
Tgt Ion:169 Resp: 550561
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 35.9 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 36.770 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

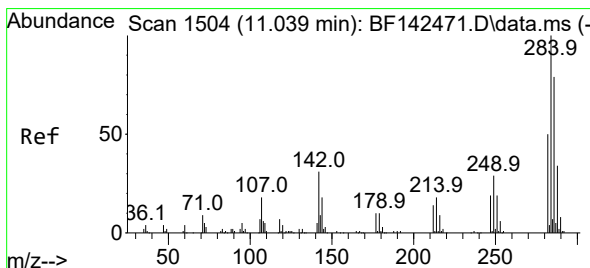
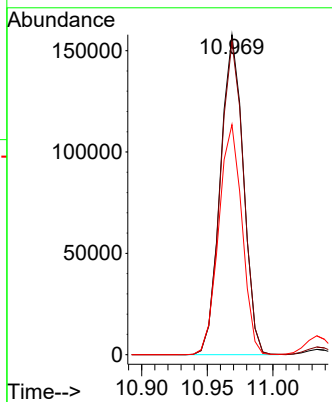
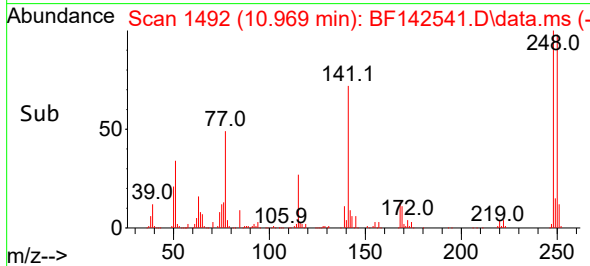
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



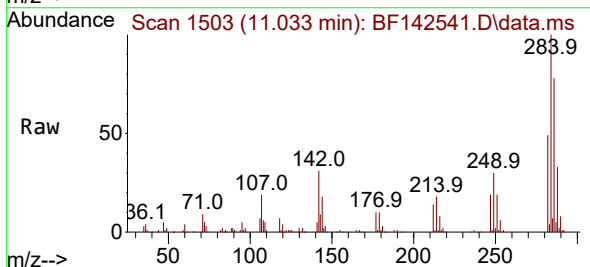
Tgt Ion:248 Resp: 19254
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 71.9 58.4 87.6

Manual Integrations
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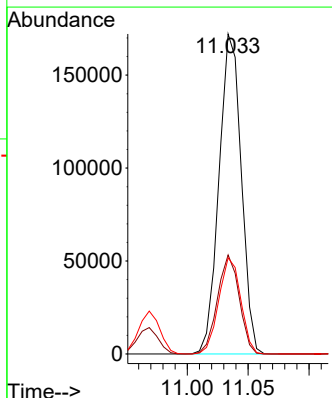
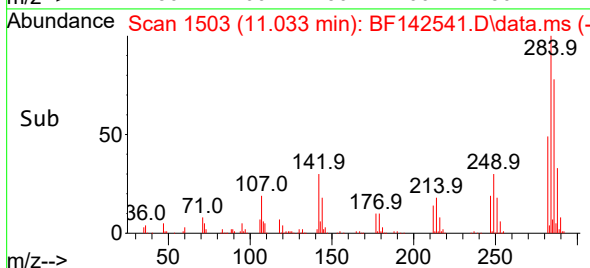
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

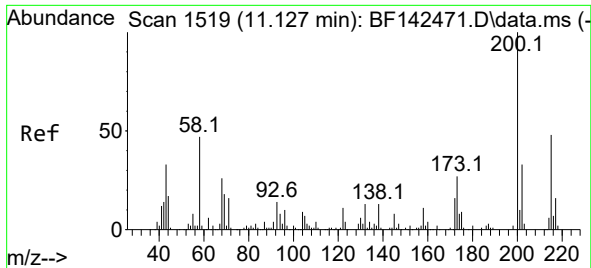


#68
Hexachlorobenzene
Concen: 37.852 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



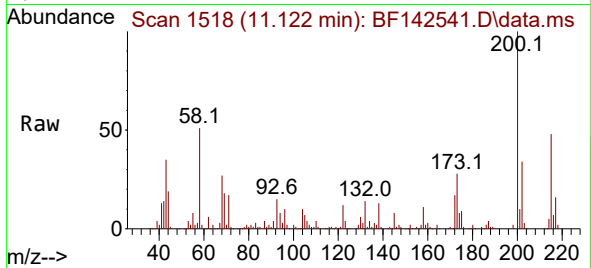
Tgt Ion:284 Resp: 219226
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.1 23.6 35.4





#69
 Atrazine
 Concen: 42.761 ng
 RT: 11.122 min Scan# 1518
 Delta R.T. -0.005 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

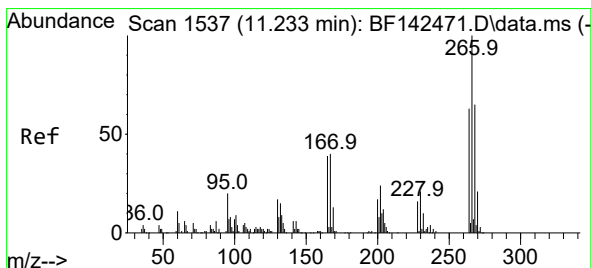
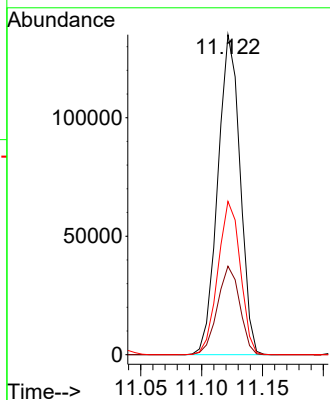
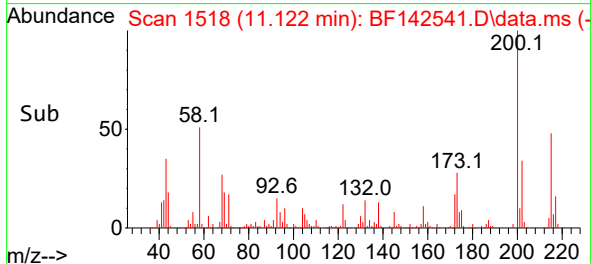
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD



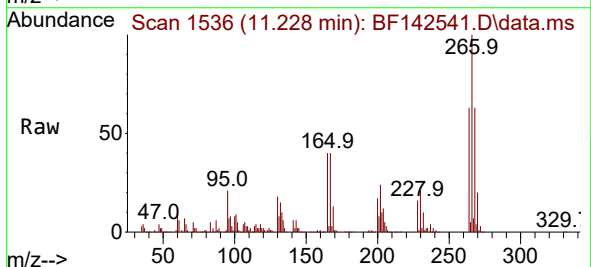
Tgt Ion:200 Resp: 172050
 Ion Ratio Lower Upper
 200 100
 173 27.7 7.4 47.4
 215 47.9 28.5 68.5

Manual Integrations
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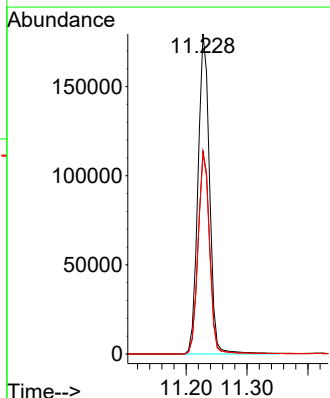
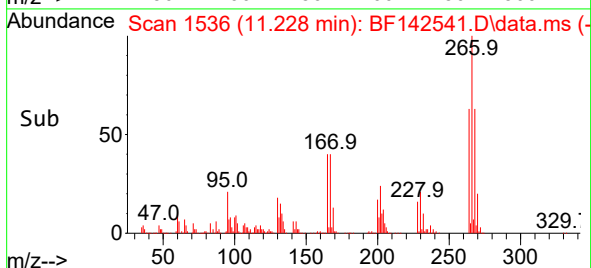
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

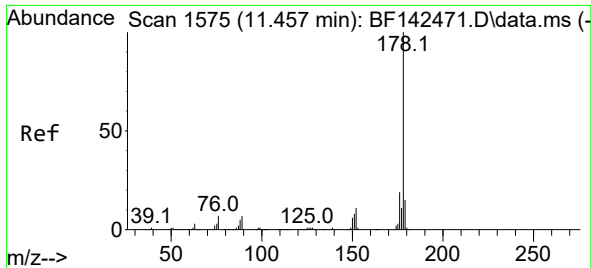


#70
 Pentachlorophenol
 Concen: 72.490 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01



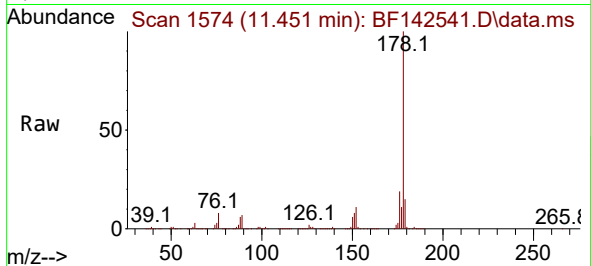
Tgt Ion:266 Resp: 237031
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.7 77.5
 264 62.7 50.4 75.6





#71
Phenanthrene
Concen: 37.175 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

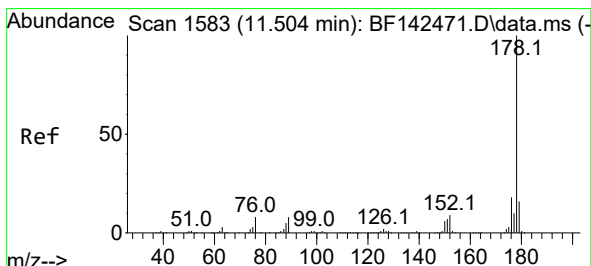
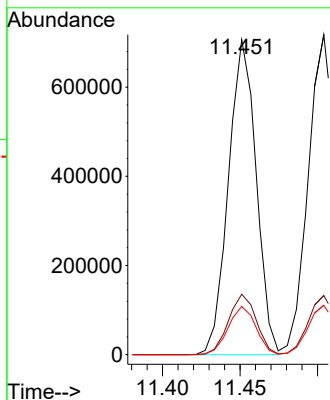
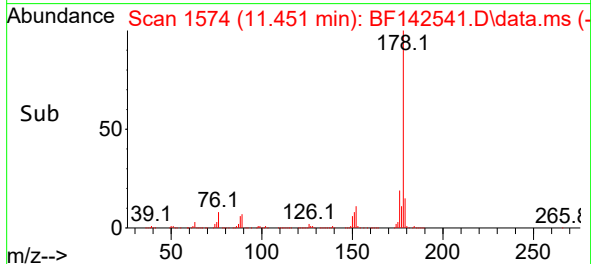
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



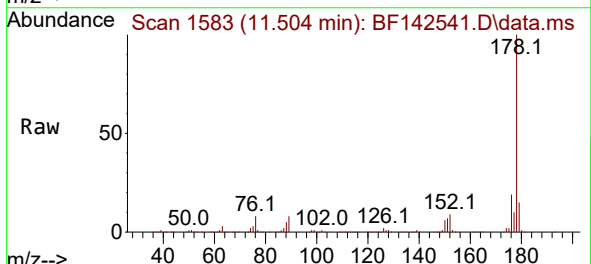
Tgt Ion:178 Resp: 879820
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.3 18.5

Manual Integrations
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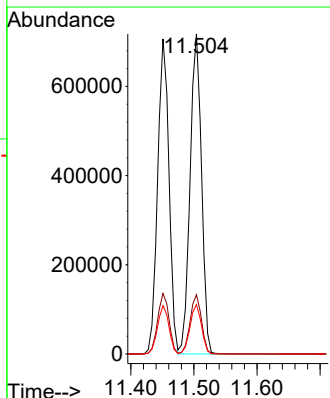
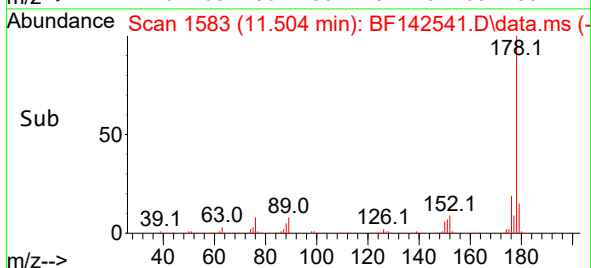
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

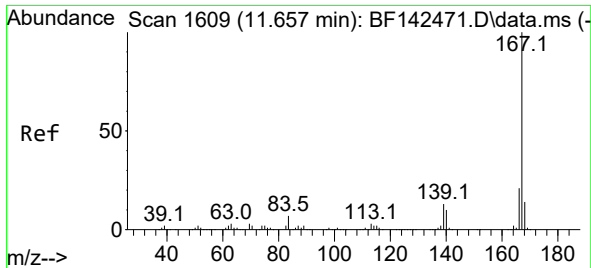


#72
Anthracene
Concen: 37.430 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



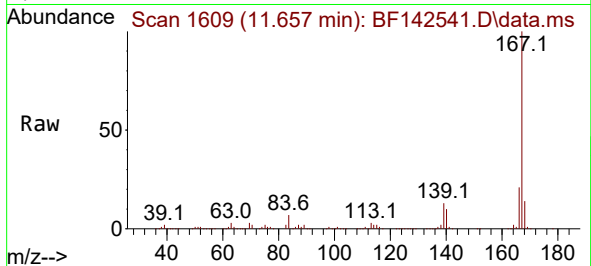
Tgt Ion:178 Resp: 904085
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 38.202 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

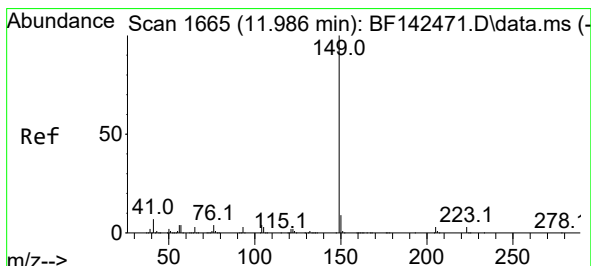
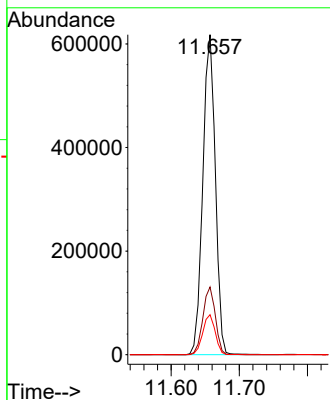
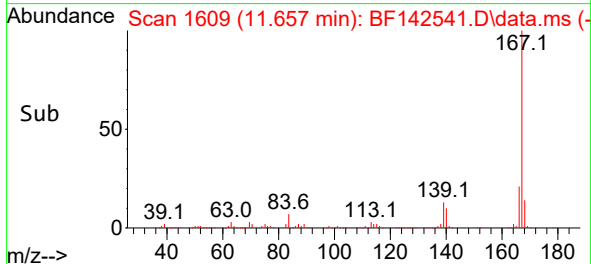
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MSD



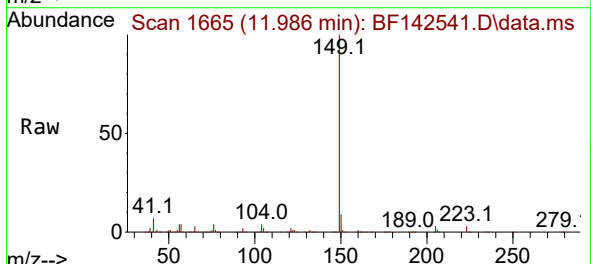
Tgt Ion:167 Resp: 788835
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.5 10.2 15.4

Manual Integrations
 APPROVED

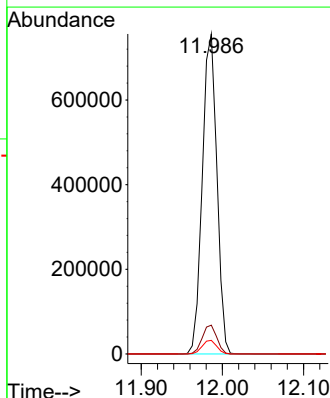
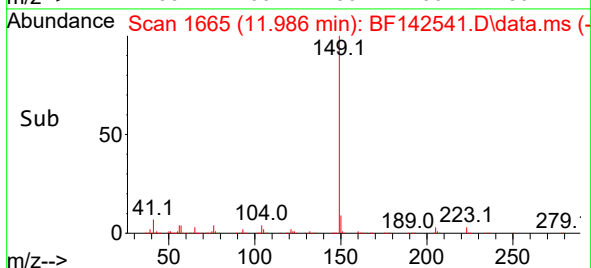
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

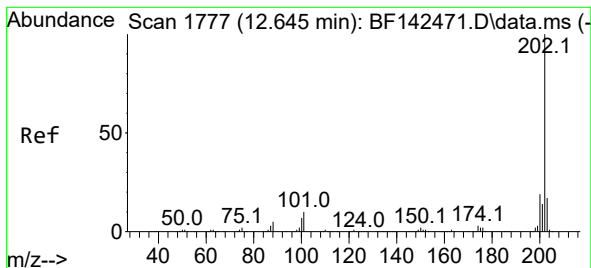


#74
 Di-n-butylphthalate
 Concen: 41.605 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01



Tgt Ion:149 Resp: 940370
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 38.031 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:202 Resp: 84102

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.6

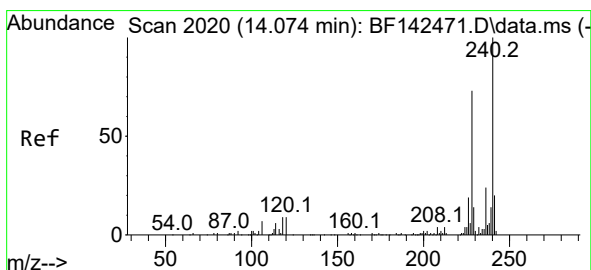
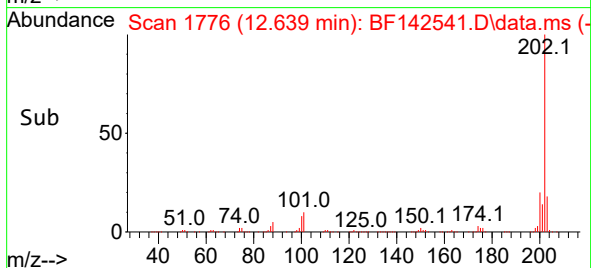
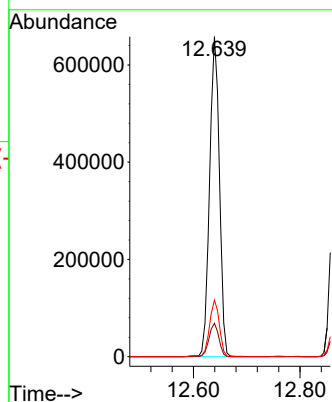
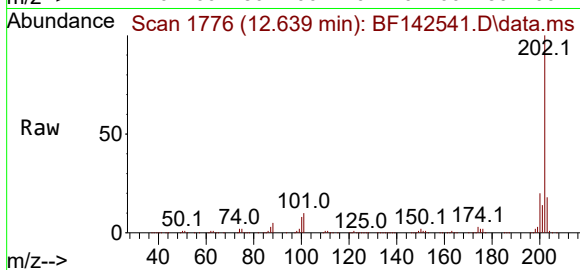
203 17.7 0.0 37.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

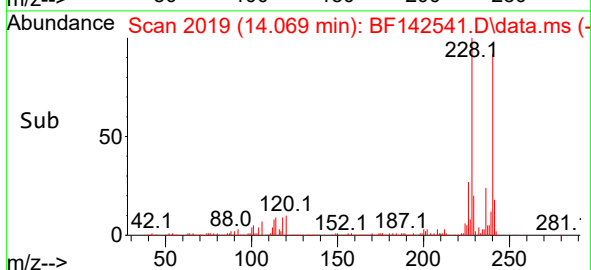
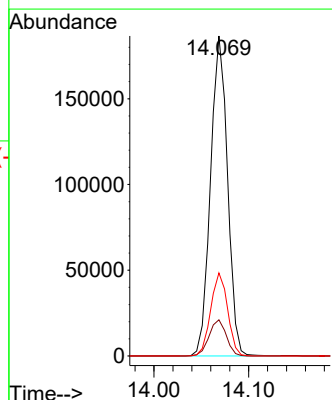
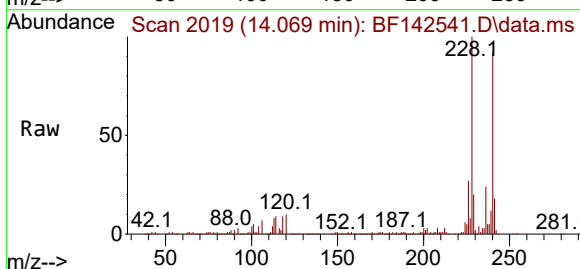
Tgt Ion:240 Resp: 233207

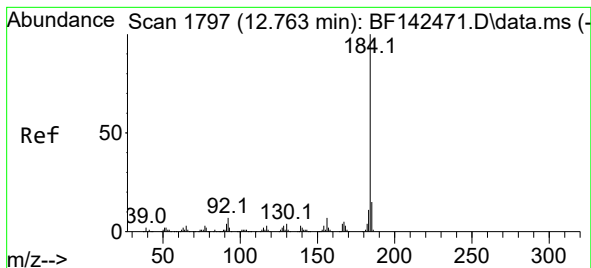
Ion Ratio Lower Upper

240 100

120 11.3 7.5 11.3#

236 25.9 19.6 29.4





#77

Benzidine

Concen: 24.647 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

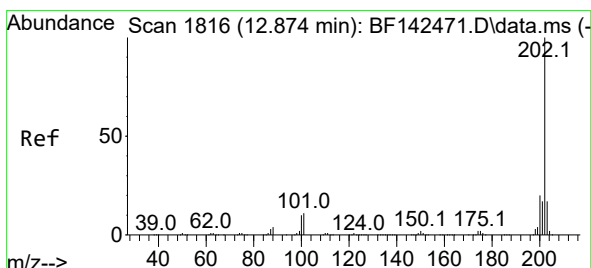
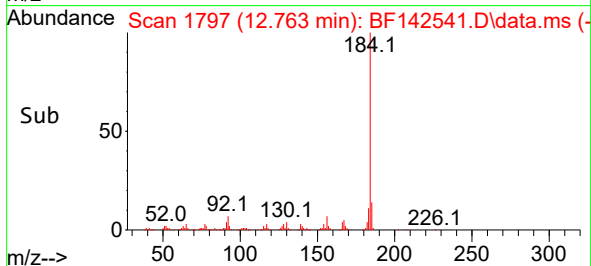
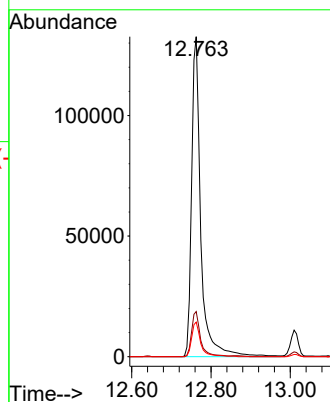
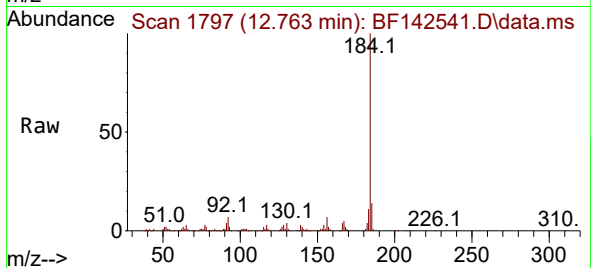
Tgt Ion:184 Resp: 21389
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.6 17.4
 183 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#78

Pyrene

Concen: 37.755 ng

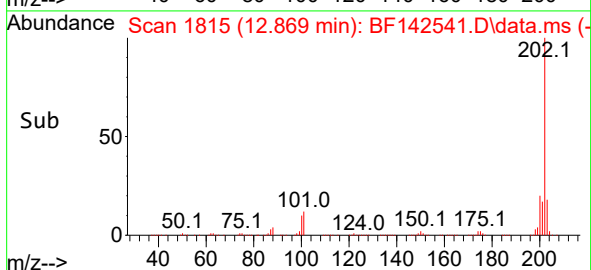
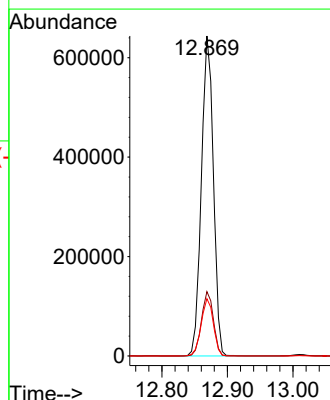
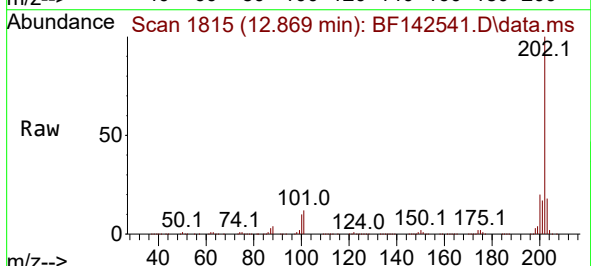
RT: 12.869 min Scan# 1815

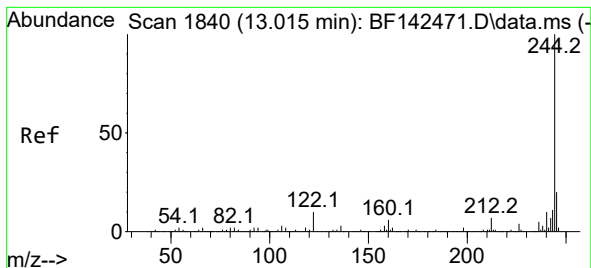
Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Tgt Ion:202 Resp: 821359
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.1 24.1
 203 17.9 13.9 20.9





#79
 Terphenyl-d14
 Concen: 65.373 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

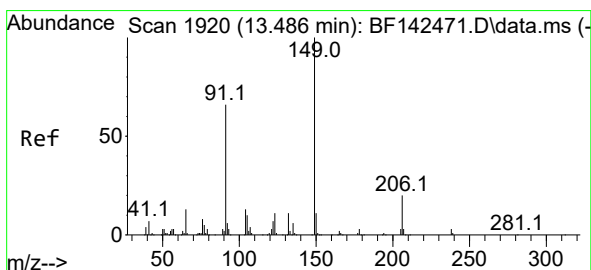
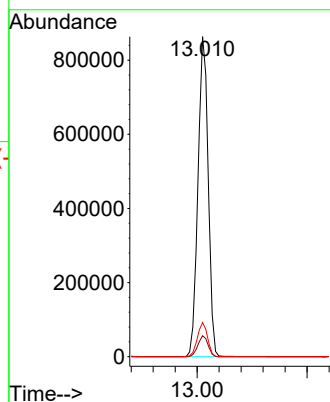
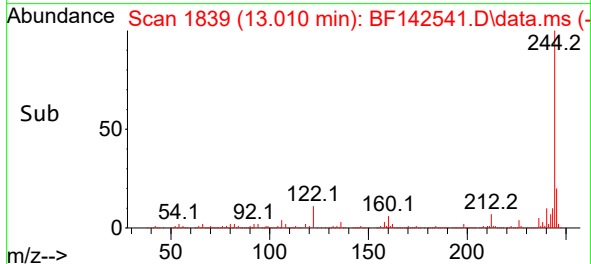
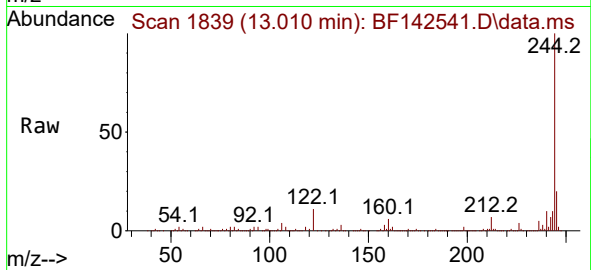
WCS-TP1MSD

Tgt Ion:244 Resp: 111561
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.7 8.2 12.2

Manual Integrations

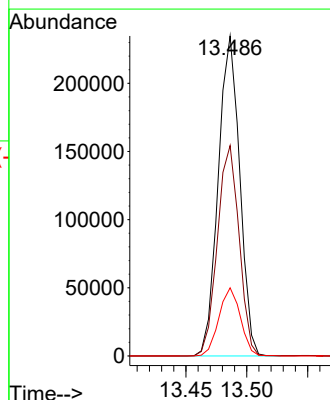
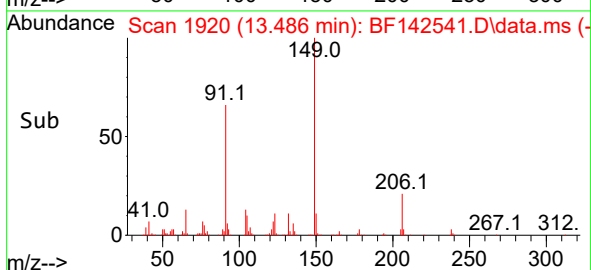
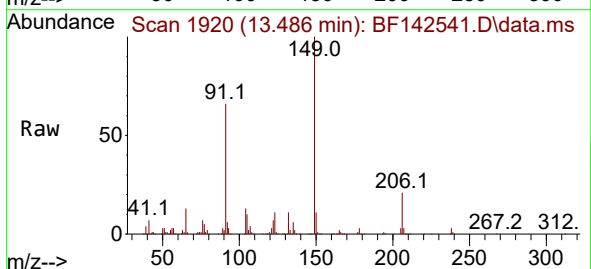
APPROVED

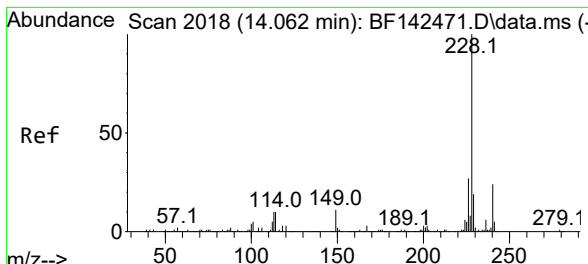
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#80
 Butylbenzylphthalate
 Concen: 48.012 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion:149 Resp: 288610
 Ion Ratio Lower Upper
 149 100
 91 65.7 52.9 79.3
 206 21.3 16.2 24.2





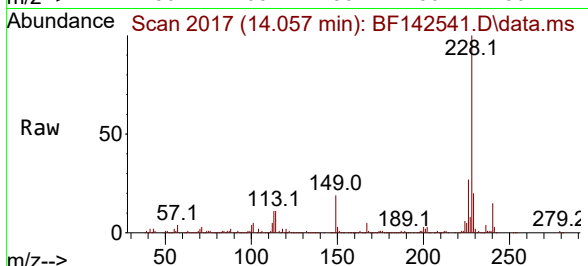
#81
 Benzo(a)anthracene
 Concen: 38.209 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

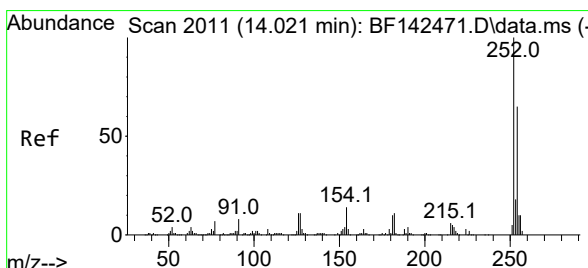
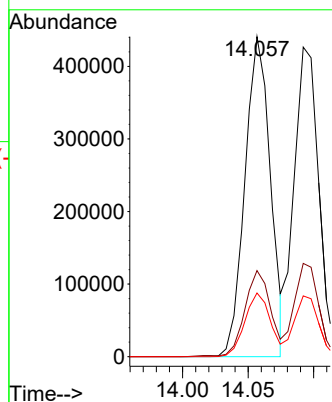
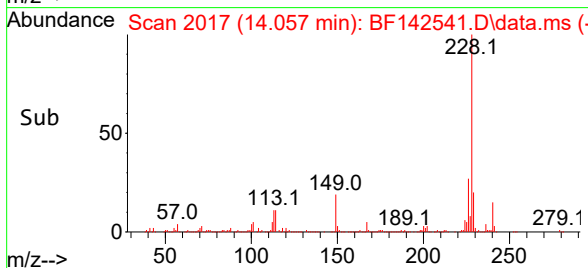


Tgt Ion:228 Resp: 595014
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.2 31.8
 229 19.9 15.5 23.3

Manual Integrations

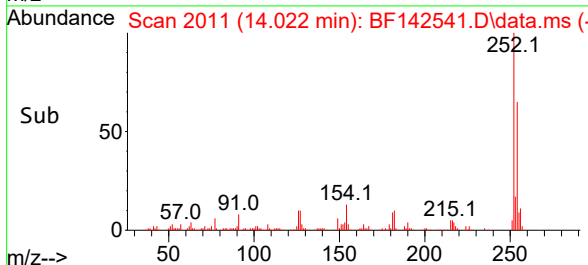
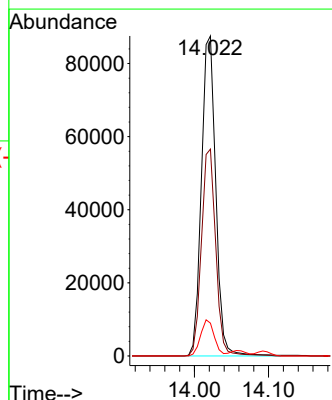
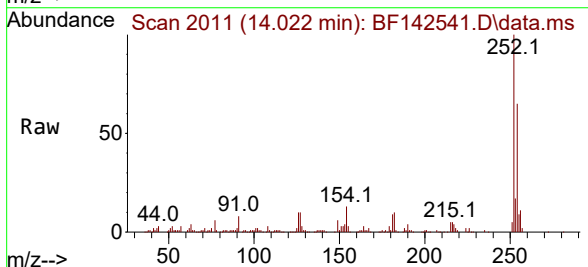
APPROVED

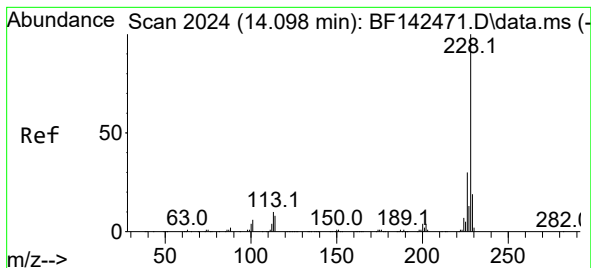
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#82
 3,3'-Dichlorobenzidine
 Concen: 24.919 ng
 RT: 14.022 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF142541.D
 Acq: 23 May 2025 18:01

Tgt Ion:252 Resp: 117697
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.0 78.0
 126 10.2 8.9 13.3





#83

Chrysene

Concen: 39.559 ng

RT: 14.092 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:228 Resp: 553540

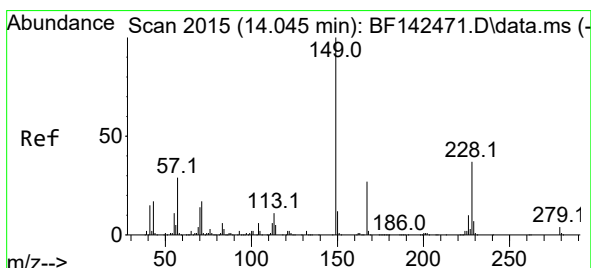
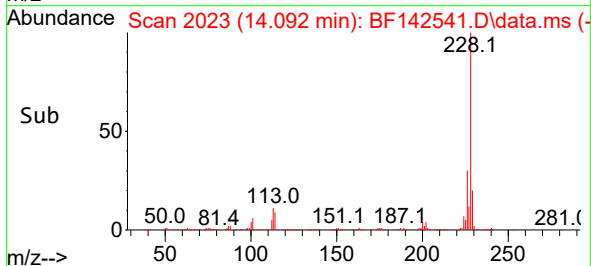
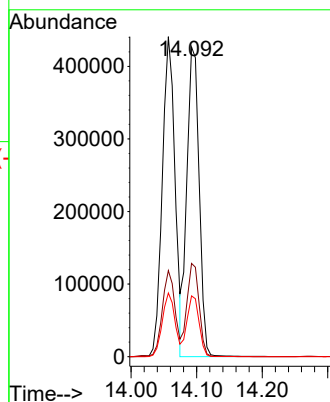
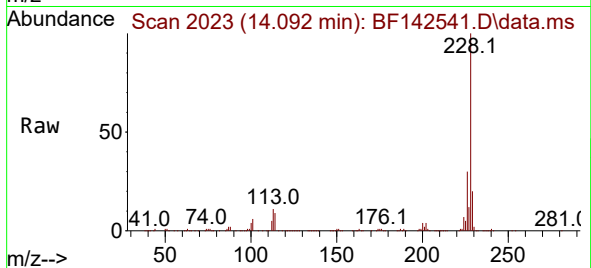
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.6	15.4	23.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.364 ng

RT: 14.045 min Scan# 2015

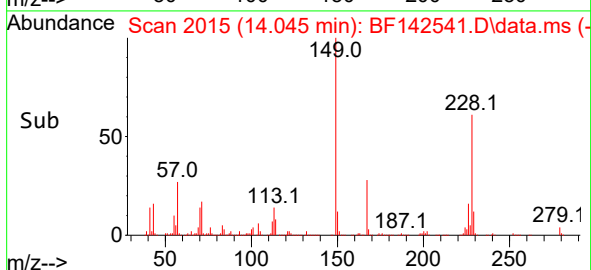
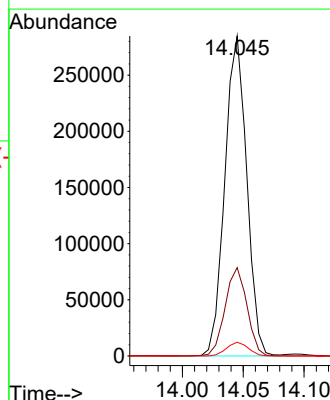
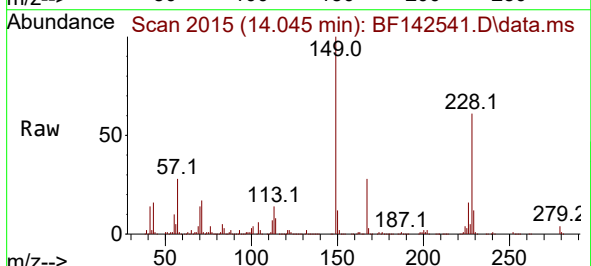
Delta R.T. -0.006 min

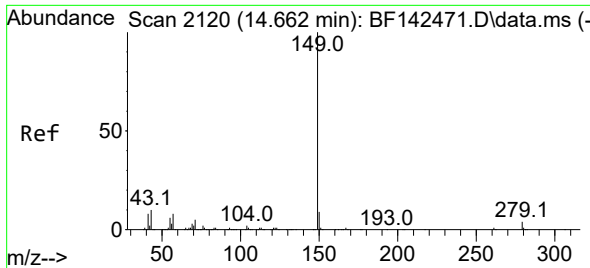
Lab File: BF142541.D

Acq: 23 May 2025 18:01

Tgt Ion:149 Resp: 356784

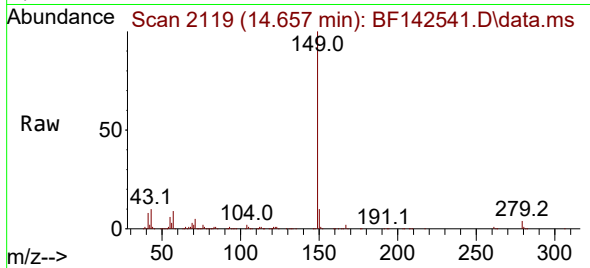
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 37.037 ng
RT: 14.657 min Scan# 2120
Delta R.T. -0.011 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01

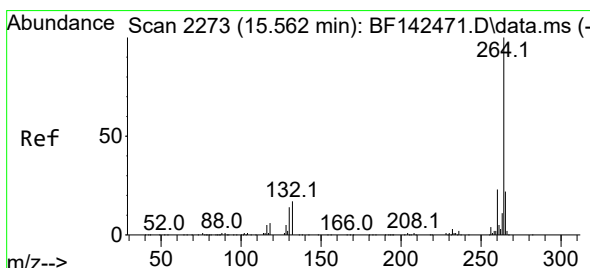
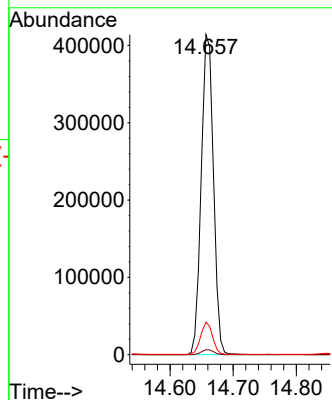
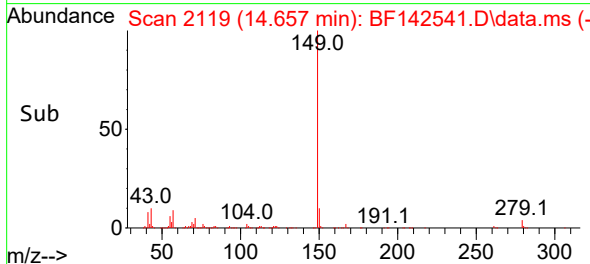
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MSD



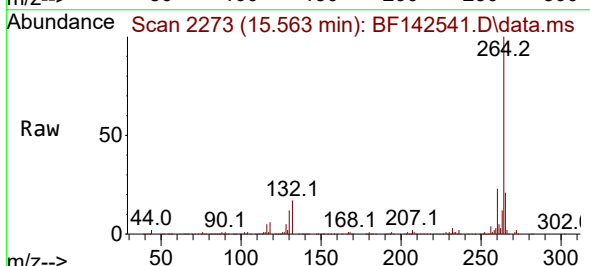
Tgt Ion:149 Resp: 55728
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 7.9 11.9

Manual Integrations
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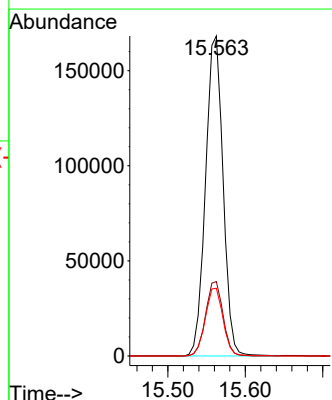
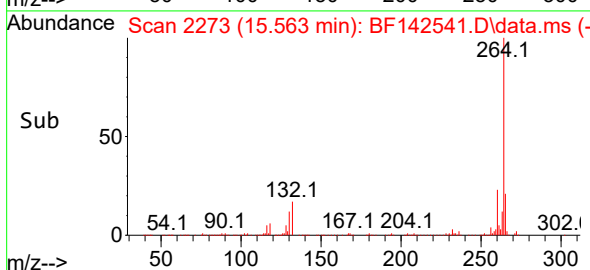
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

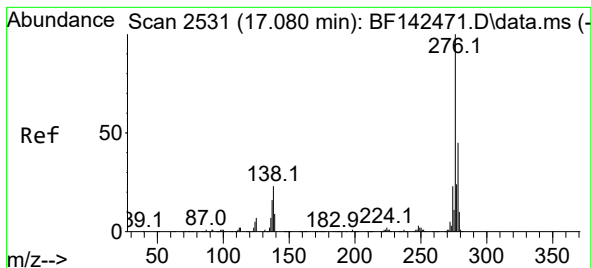


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142541.D
Acq: 23 May 2025 18:01



Tgt Ion:264 Resp: 264236
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.429 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.017 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:276 Resp: 722649

Ion Ratio Lower Upper

276 100

138 25.6 19.9 29.9

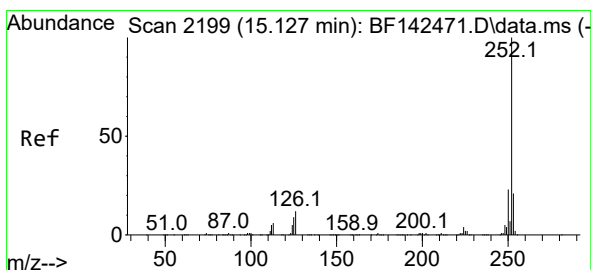
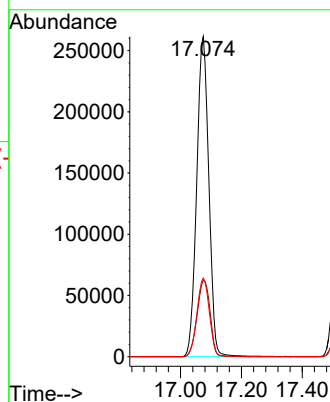
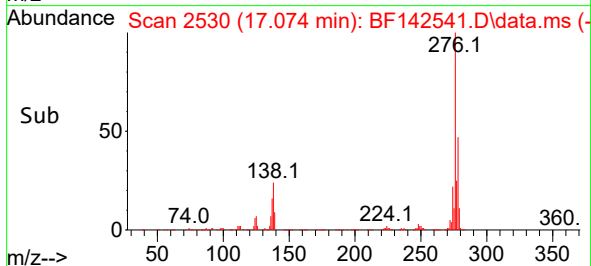
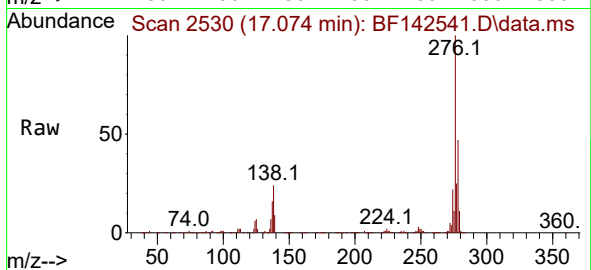
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#88

Benzo(b)fluoranthene

Concen: 36.024 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

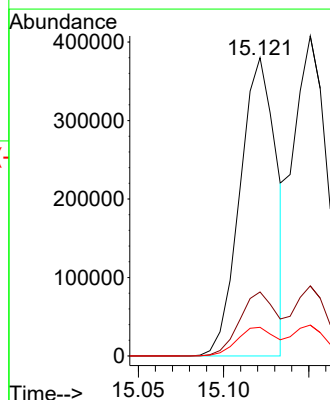
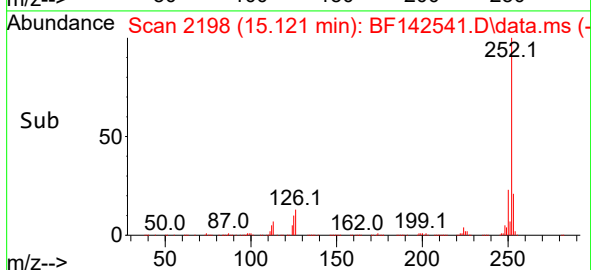
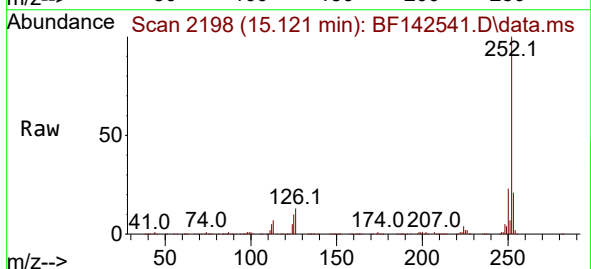
Tgt Ion:252 Resp: 563373

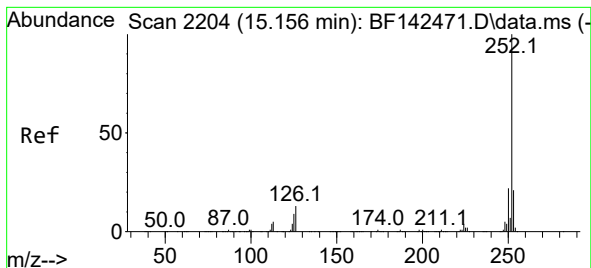
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 38.627 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:252 Resp: 565780

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

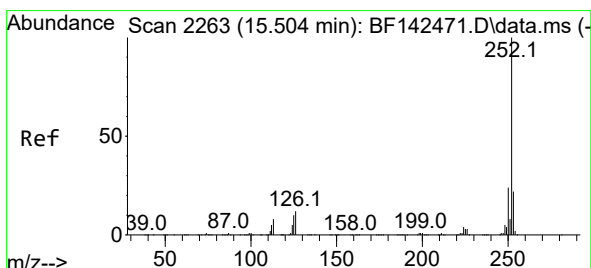
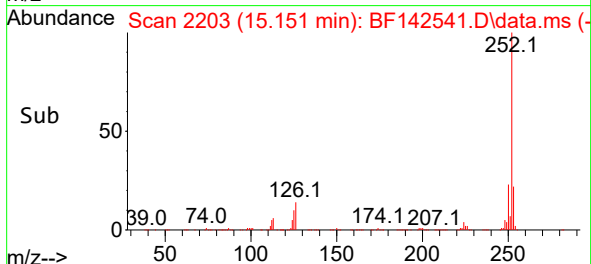
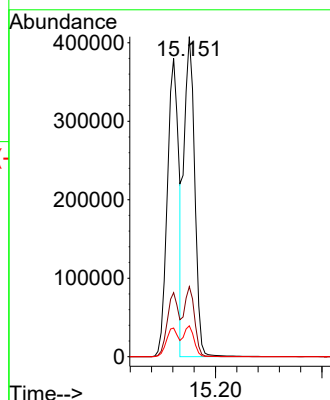
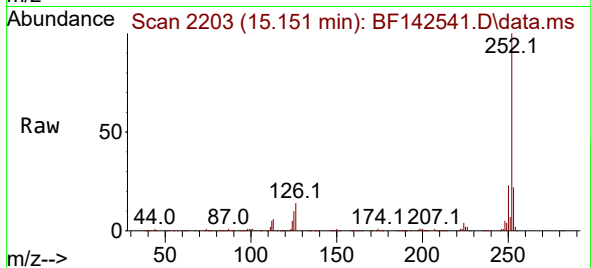
125 9.6 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#90

Benzo(a)pyrene

Concen: 38.004 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

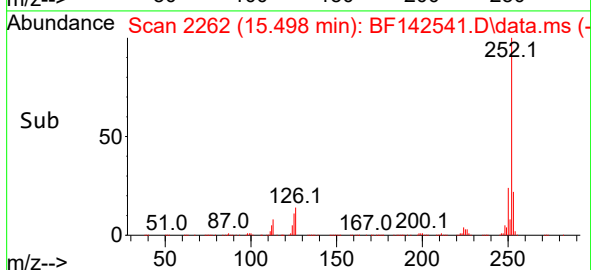
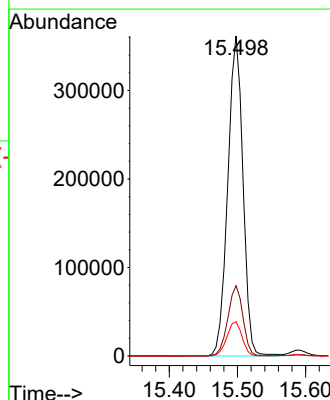
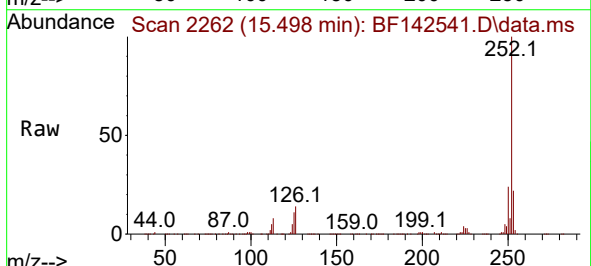
Tgt Ion:252 Resp: 560218

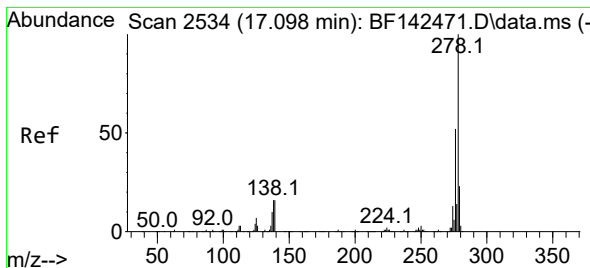
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.7 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 36.450 ng

RT: 17.092 min Scan# 2533

Delta R.T. -0.023 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MSD

Tgt Ion:278 Resp: 58644

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

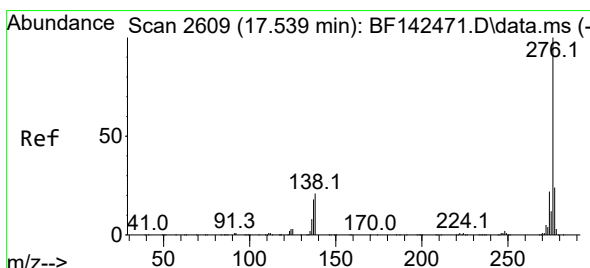
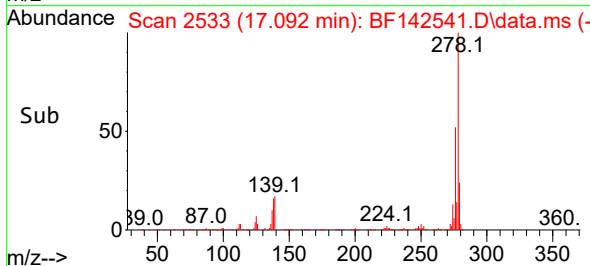
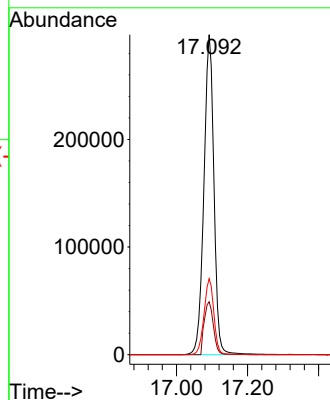
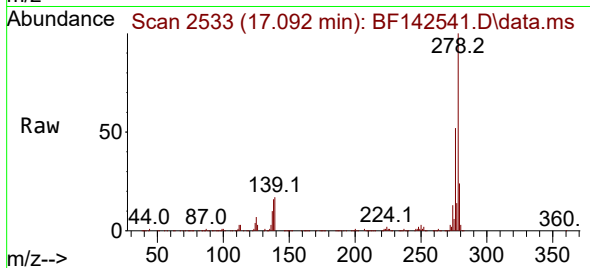
279 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#92

Benzo(g,h,i)perylene

Concen: 36.251 ng

RT: 17.533 min Scan# 2608

Delta R.T. -0.023 min

Lab File: BF142541.D

Acq: 23 May 2025 18:01

Tgt Ion:276 Resp: 583368

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 22.1 16.8 25.2

