

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142629.D
 Acq On : 05 Jun 2025 12:38
 Operator : RC/JU
 Sample : Q2194-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 13:04:30 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122190	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	451779	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	216895	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	322012	20.000	ng	0.00
76) Chrysene-d12	14.069	240	234738	20.000	ng	0.00
86) Perylene-d12	15.563	264	279656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	599856	82.708	ng	0.00
7) Phenol-d6	6.528	99	713873	81.768	ng	0.00
23) Nitrobenzene-d5	7.457	82	438378	52.911	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	189404	78.680	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	836201	51.733	ng	-0.01
79) Terphenyl-d14	13.010	244	631979	36.791	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	116544	40.157	ng	98
3) Pyridine	3.493	79	317907	43.015	ng	97
4) n-Nitrosodimethylamine	3.446	42	166389	43.360	ng	90
6) Aniline	6.557	93	418548	35.655	ng	98
8) 2-Chlorophenol	6.681	128	349653	44.261	ng	99
9) Benzaldehyde	6.446	77	185164	35.262	ng	99
10) Phenol	6.540	94	420223	42.777	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	315563	44.625	ng	100
12) 1,3-Dichlorobenzene	6.840	146	381689	43.300	ng	98
13) 1,4-Dichlorobenzene	6.916	146	390667	43.997	ng	98
14) 1,2-Dichlorobenzene	7.069	146	373469	43.956	ng	99
15) Benzyl Alcohol	7.034	79	273858	42.447	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511374	43.062	ng	98
17) 2-Methylphenol	7.146	107	260125	42.175	ng	98
18) Hexachloroethane	7.410	117	135471	43.693	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	214353	39.616	ng	100
20) 3+4-Methylphenols	7.298	107	319353	40.433	ng	97
22) Acetophenone	7.304	105	434580	43.454	ng	98
24) Nitrobenzene	7.481	77	329327	44.072	ng	98
25) Isophorone	7.716	82	586760	42.359	ng	98
26) 2-Nitrophenol	7.793	139	187399	46.934	ng	98
27) 2,4-Dimethylphenol	7.834	122	305696	43.415	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	380803	44.007	ng	99
29) 2,4-Dichlorophenol	8.040	162	277852	43.390	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	312724	44.999	ng	98
31) Naphthalene	8.204	128	974716	43.817	ng	100
32) Benzoic acid	7.945	122	193944m	45.248	ng	
33) 4-Chloroaniline	8.251	127	227971	25.291	ng	98
34) Hexachlorobutadiene	8.316	225	191565	44.147	ng	100
35) Caprolactam	8.616	113	78313m	43.544	ng	
36) 4-Chloro-3-methylphenol	8.728	107	261506	39.848	ng	97
37) 2-Methylnaphthalene	8.892	142	591729	42.281	ng	100
38) 1-Methylnaphthalene	8.992	142	600790	41.502	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	297227	47.739	ng	98
41) Hexachlorocyclopentadiene	9.045	237	375230	89.339	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	194738	46.384	ng	97

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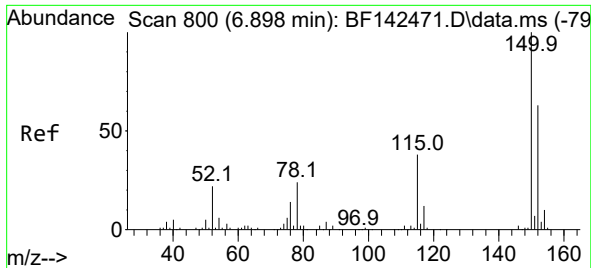
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	199277	45.006	ng	98
46) 1,1'-Biphenyl	9.357	154	780991	46.413	ng	99
47) 2-Chloronaphthalene	9.387	162	577402	46.443	ng	97
48) 2-Nitroaniline	9.481	65	160805	44.748	ng	95
49) Acenaphthylene	9.798	152	939256	44.741	ng	100
50) Dimethylphthalate	9.657	163	622374	43.488	ng	99
51) 2,6-Dinitrotoluene	9.722	165	136634	44.234	ng	95
52) Acenaphthene	9.975	154	623337	48.626	ng	99
53) 3-Nitroaniline	9.887	138	101002	29.937	ng	98
54) 2,4-Dinitrophenol	9.998	184	158196	99.131	ng	92
55) Dibenzofuran	10.145	168	807247	43.761	ng	98
56) 4-Nitrophenol	10.051	139	219710	88.260	ng	96
57) 2,4-Dinitrotoluene	10.122	165	180624	44.776	ng	99
58) Fluorene	10.486	166	608304	42.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	157768	42.681	ng	98
60) Diethylphthalate	10.357	149	579733	41.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	295911	42.269	ng	96
62) 4-Nitroaniline	10.504	138	134386	43.919	ng	95
63) Azobenzene	10.639	77	589364	46.946	ng	95
65) 4,6-Dinitro-2-methylph...	10.534	198	95910	53.370	ng	97
66) n-Nitrosodiphenylamine	10.598	169	517819	47.003	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	177063	46.503	ng	98
68) Hexachlorobenzene	11.034	284	196279	46.608	ng	99
69) Atrazine	11.122	200	147925	50.560	ng	99
70) Pentachlorophenol	11.233	266	215378	90.586	ng	98
71) Phenanthrene	11.451	178	776660	45.131	ng	100
72) Anthracene	11.504	178	801110	45.613	ng	100
73) Carbazole	11.657	167	688286	45.841	ng	100
74) Di-n-butylphthalate	11.981	149	789814	48.057	ng	99
75) Fluoranthene	12.639	202	747653	46.496	ng	99
77) Benzidine	12.763	184	344316	39.417	ng	99
78) Pyrene	12.869	202	746029	34.069	ng	99
80) Butylbenzylphthalate	13.486	149	301575	49.841	ng	96
81) Benzo(a)anthracene	14.057	228	725686	46.297	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	165303	34.769	ng	98
83) Chrysene	14.098	228	623470	44.266	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	424459	54.798	ng	99
85) Di-n-octyl phthalate	14.657	149	755517	49.884	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	903860	43.052	ng	99
88) Benzo(b)fluoranthene	15.121	252	773424	46.729	ng	98
89) Benzo(k)fluoranthene	15.157	252	673810	43.465	ng	99
90) Benzo(a)pyrene	15.504	252	713699	45.746	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	735502	43.194	ng	98
92) Benzo(g,h,i)perylene	17.545	276	730836	42.911	ng	99

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



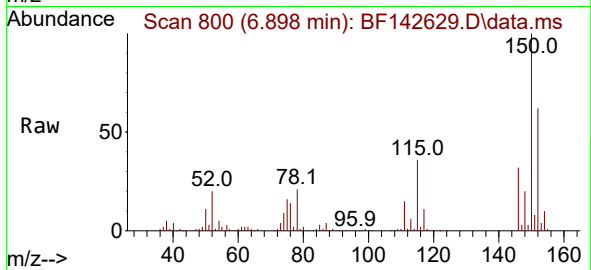
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

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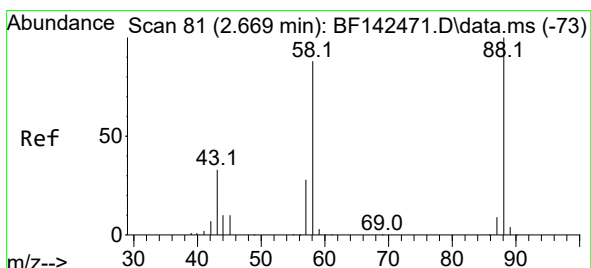
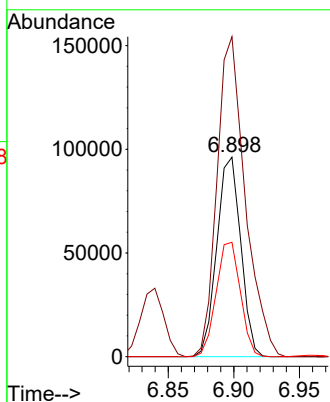
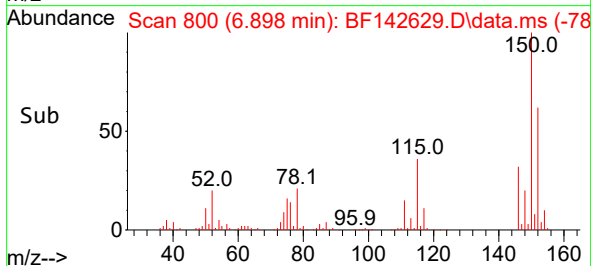
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Ion Ratio Lower Upper
152 100
150 160.4 128.2 192.4
115 57.3 48.3 72.5

Manual Integrations

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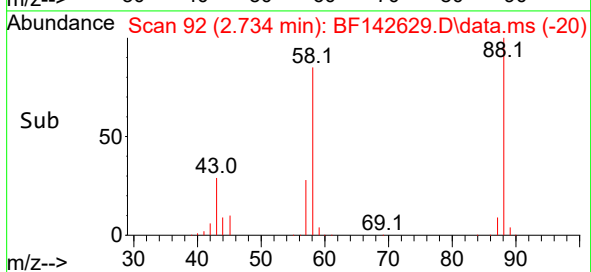
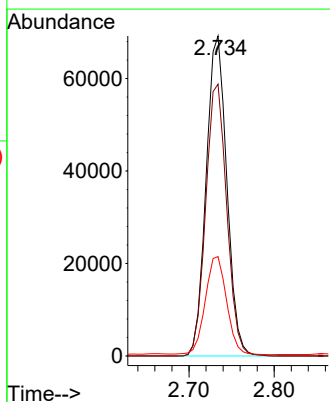
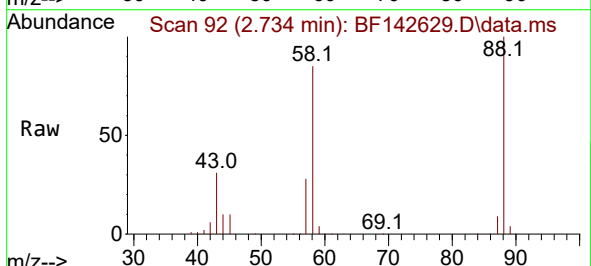
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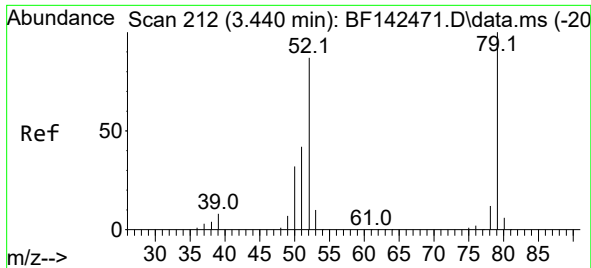
Supervised By :Jagrut Upadhyay 06/06/2025



#2
1,4-Dioxane
Concen: 40.157 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.071 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion: 88 Resp: 116544
Ion Ratio Lower Upper
88 100
58 86.5 70.8 106.2
43 31.9 26.6 40.0





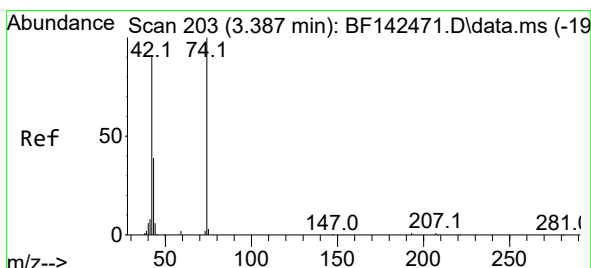
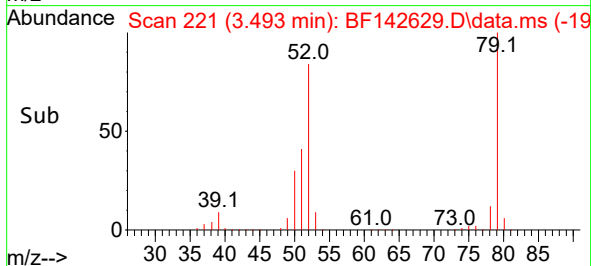
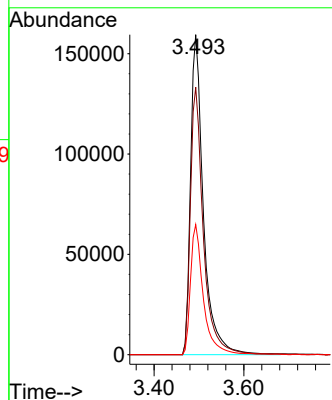
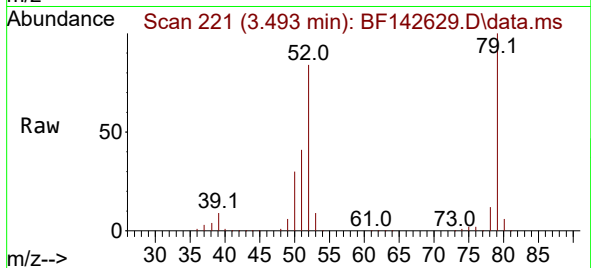
#3
Pyridine
Concen: 43.015 ng
RT: 3.493 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

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BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 31790
Ion Ratio Lower Upper
79 100
52 83.6 69.2 103.8
51 40.7 33.3 49.9

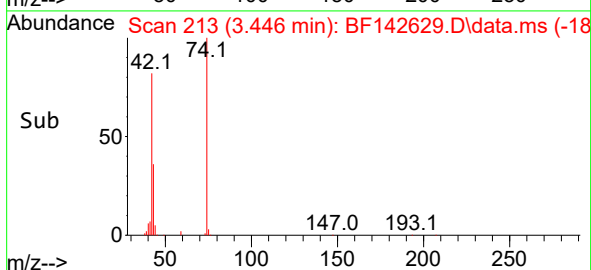
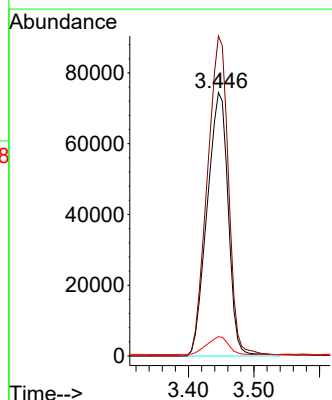
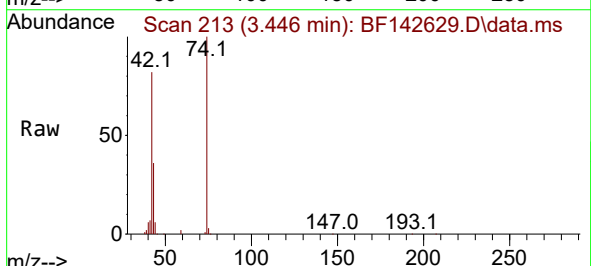
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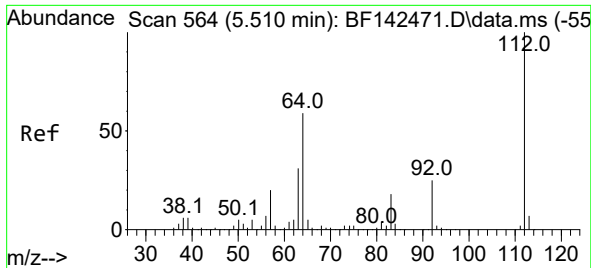
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#4
n-Nitrosodimethylamine
Concen: 43.360 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion: 42 Resp: 166389
Ion Ratio Lower Upper
42 100
74 121.5 88.2 132.4
44 7.3 5.4 8.2





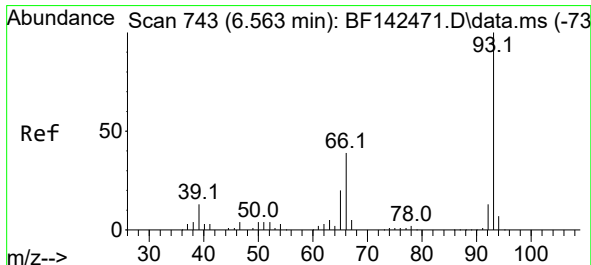
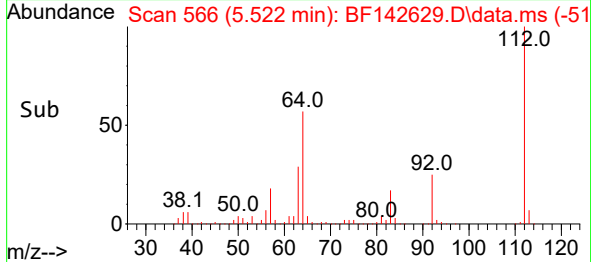
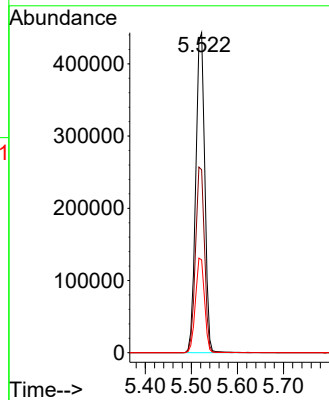
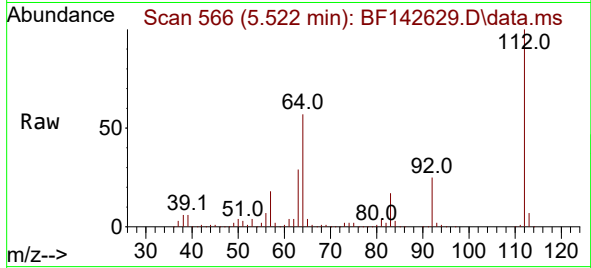
#5
2-Fluorophenol
Concen: 82.708 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

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Tgt Ion:112 Resp: 599850
Ion Ratio Lower Upper
112 100
64 57.1 47.5 71.3
63 29.0 24.9 37.3

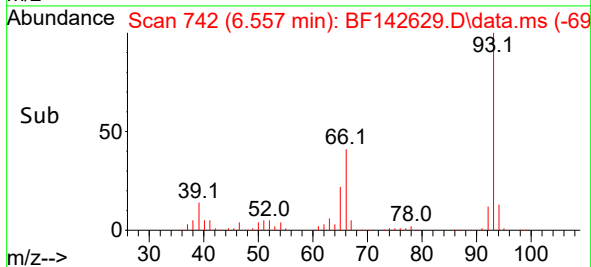
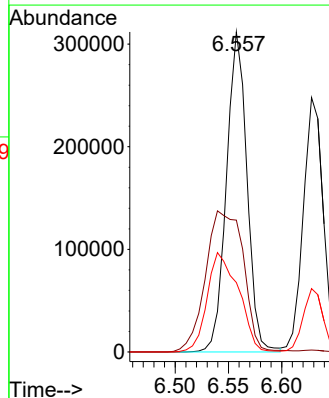
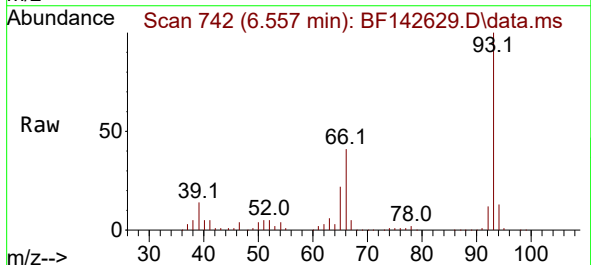
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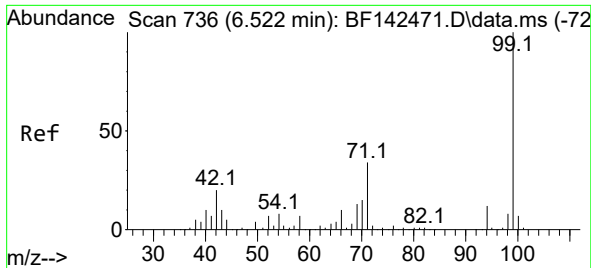
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Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 35.655 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion: 93 Resp: 418548
Ion Ratio Lower Upper
93 100
66 41.2 32.0 48.0
65 21.7 16.1 24.1





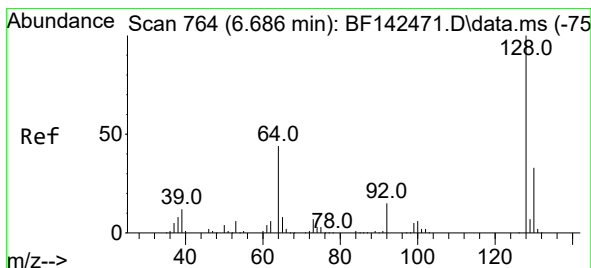
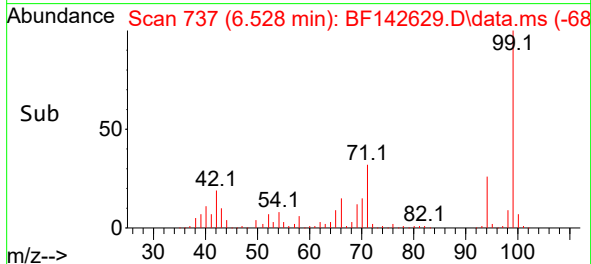
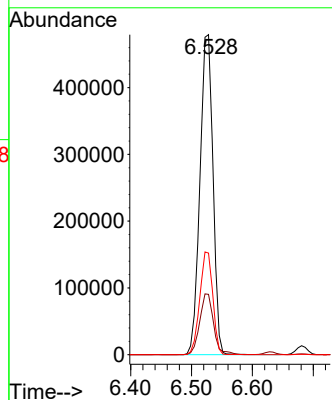
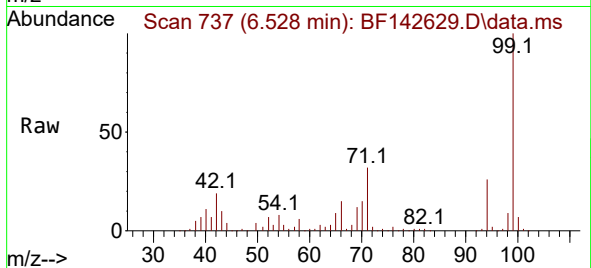
#7
Phenol-d6
Concen: 81.768 ng
RT: 6.528 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :
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Tgt Ion: 99 Resp: 71387
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 31.8 27.3 40.9

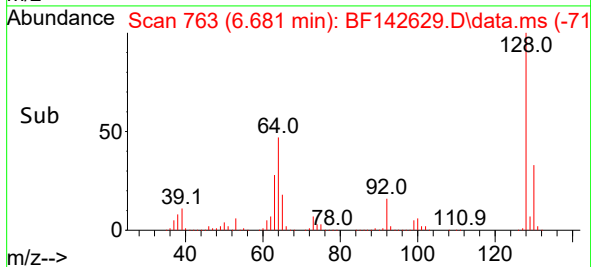
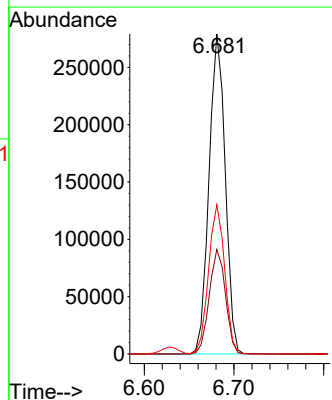
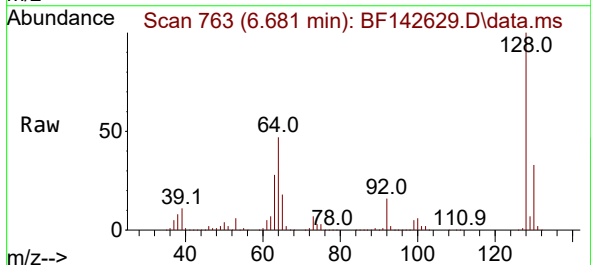
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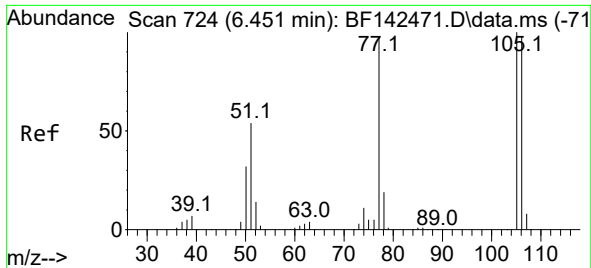
Reviewed By :Rahul Chavli 06/06/2025
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#8
2-Chlorophenol
Concen: 44.261 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:128 Resp: 349653
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.6 25.1 65.1





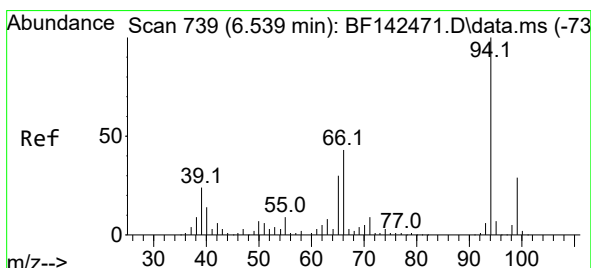
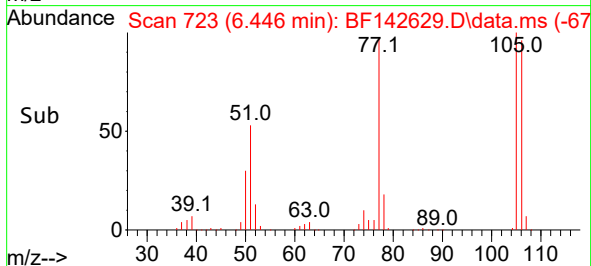
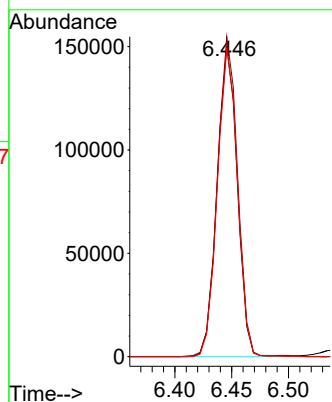
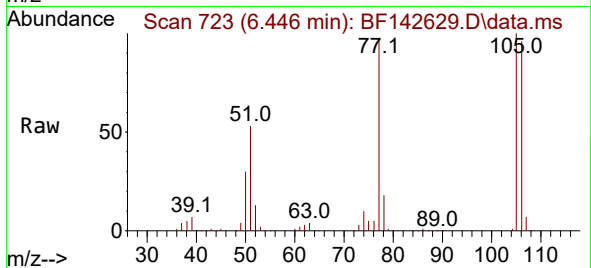
#9
Benzaldehyde
Concen: 35.262 ng
RT: 6.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142629.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 185164
Ion Ratio Lower Upper
77 100
105 102.9 82.5 122.5
106 99.1 80.0 120.0

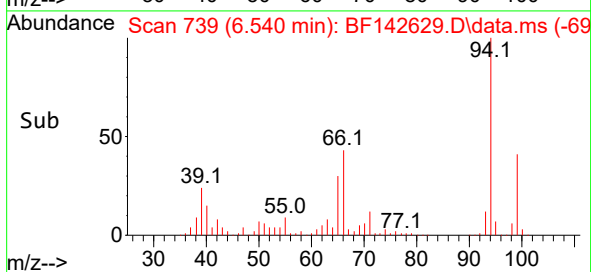
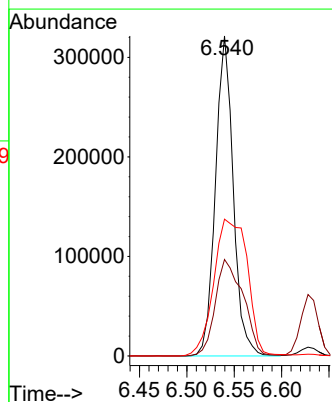
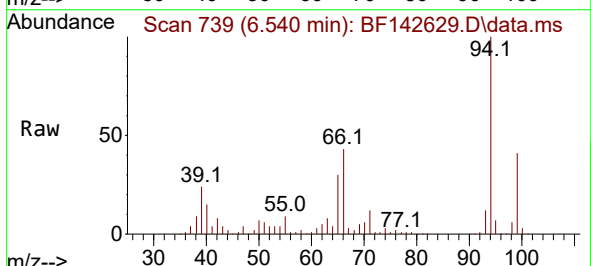
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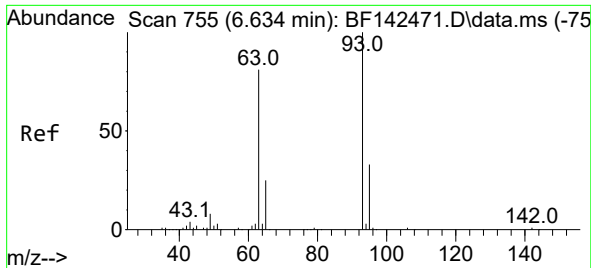
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 42.777 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

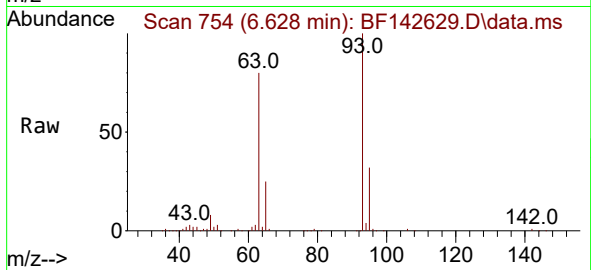
Tgt Ion: 94 Resp: 420223
Ion Ratio Lower Upper
94 100
65 30.1 10.3 50.3
66 42.8 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 44.625 ng
RT: 6.628 min Scan# 755
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

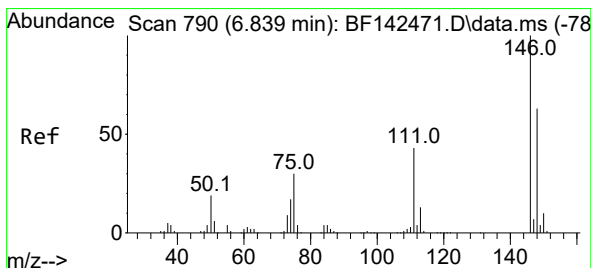
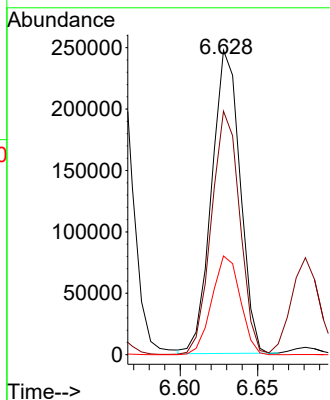
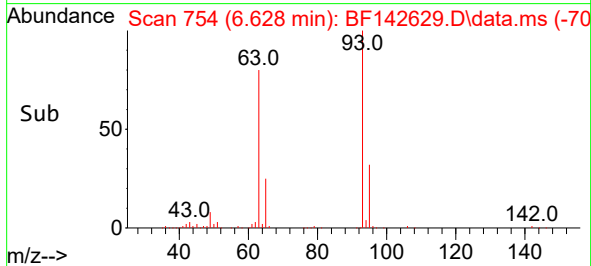
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion: 93 Resp: 31556
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.4 12.3 52.3

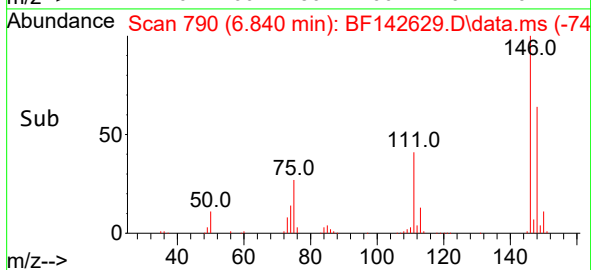
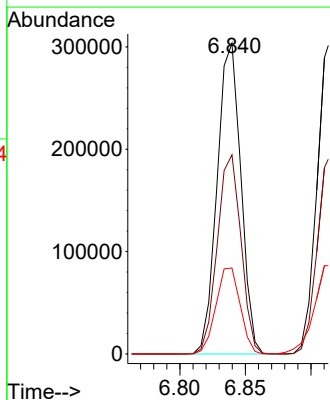
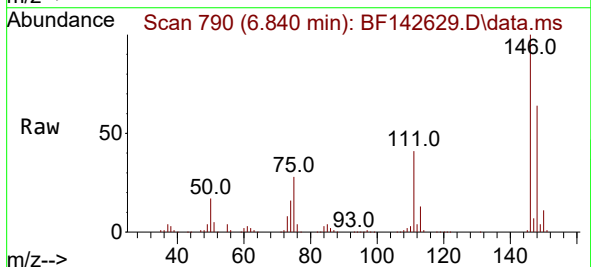
Manual Integrations
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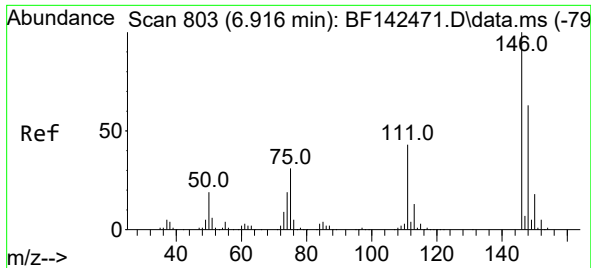
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 43.300 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:146 Resp: 381689
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 27.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 43.997 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:146 Resp: 39066

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

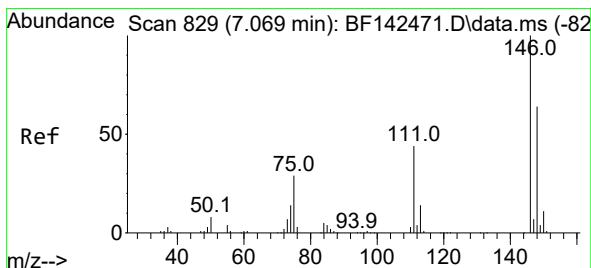
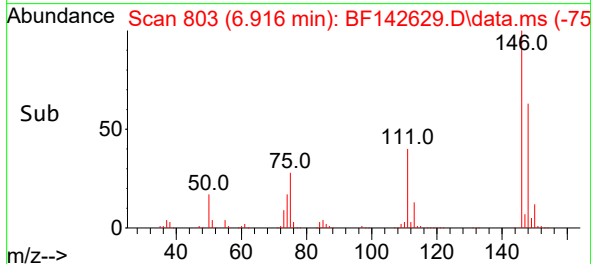
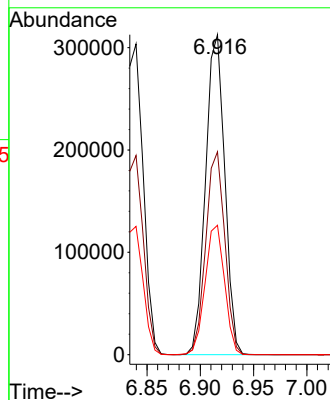
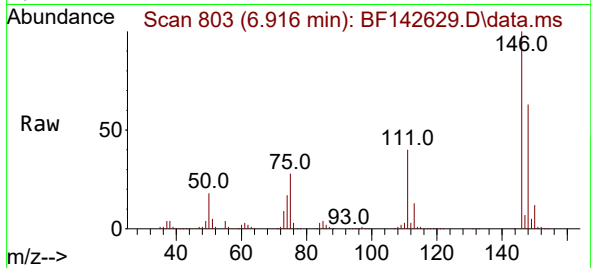
111 40.5 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 43.956 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

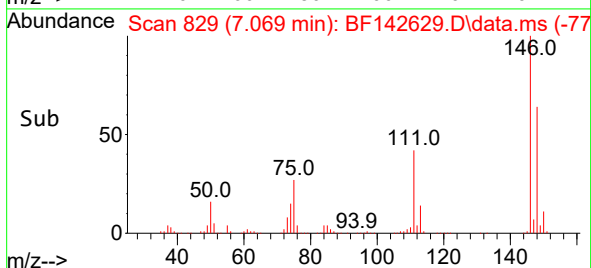
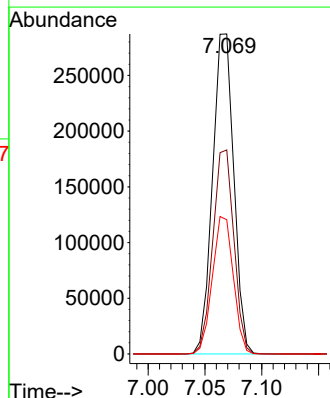
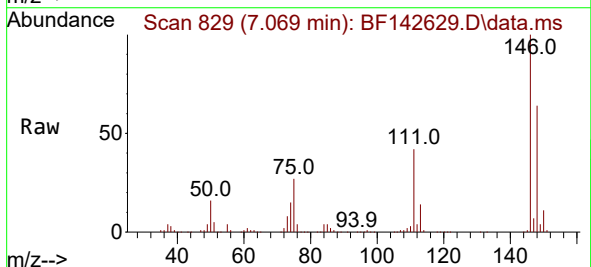
Tgt Ion:146 Resp: 373469

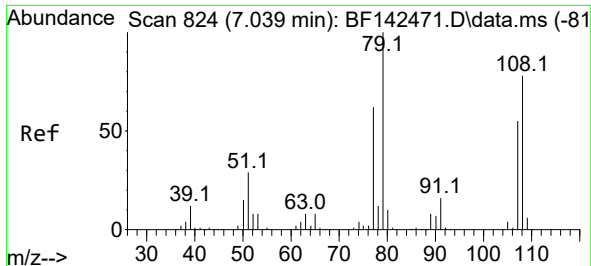
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

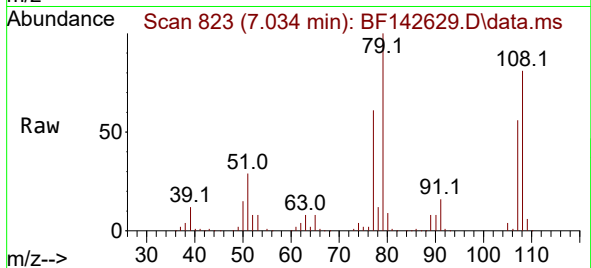
111 41.9 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.447 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

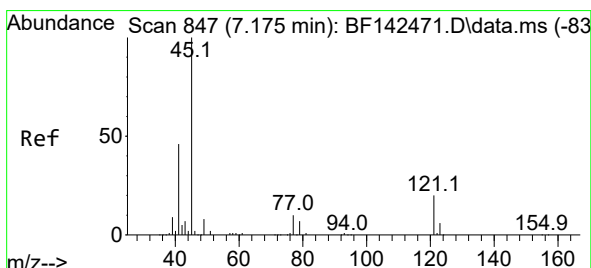
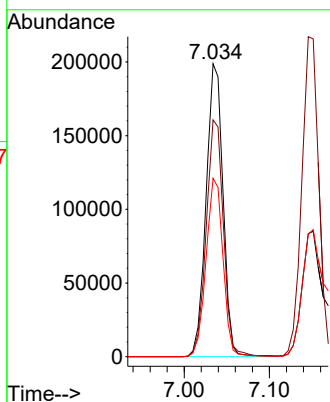
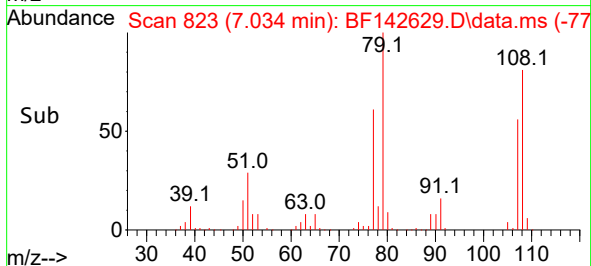
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion: 79 Resp: 27385
Ion Ratio Lower Upper
79 100
108 80.8 62.1 93.1
77 60.9 49.5 74.3

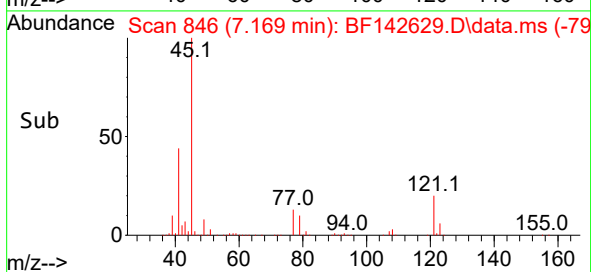
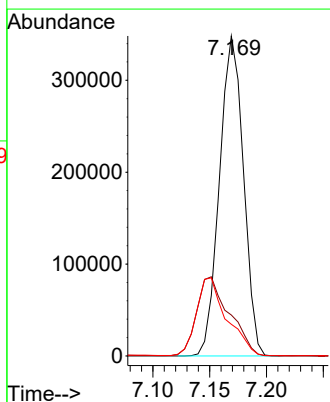
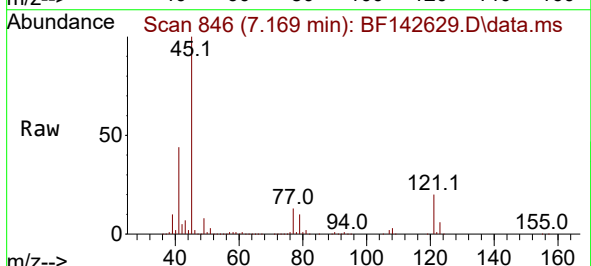
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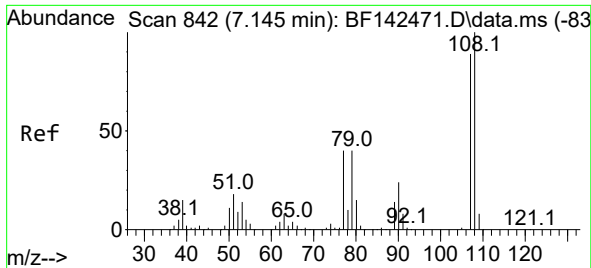
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.062 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion: 45 Resp: 511374
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.0
79 9.9 0.0 29.2





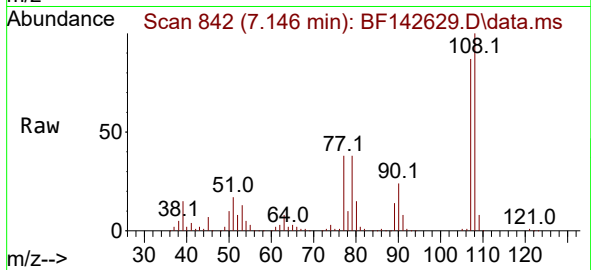
#17
2-Methylphenol
Concen: 42.175 ng
RT: 7.146 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

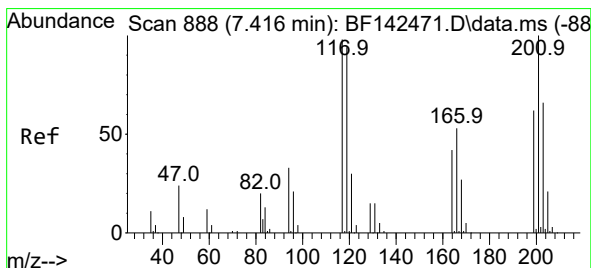
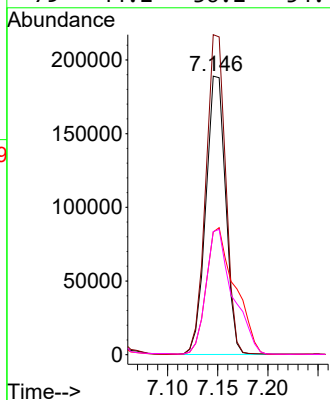
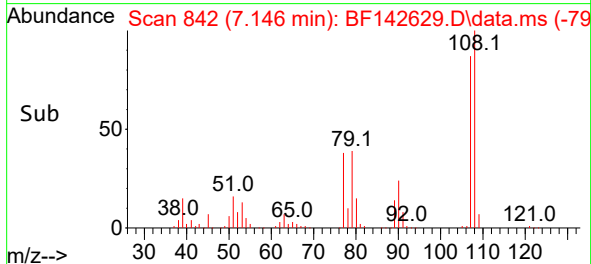


Tgt Ion:107 Resp: 260125
Ion Ratio Lower Upper
107 100
108 114.9 90.2 135.2
77 44.0 36.1 54.1
79 44.2 36.2 54.4

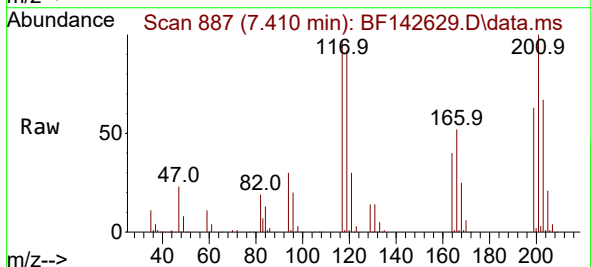
Manual Integrations

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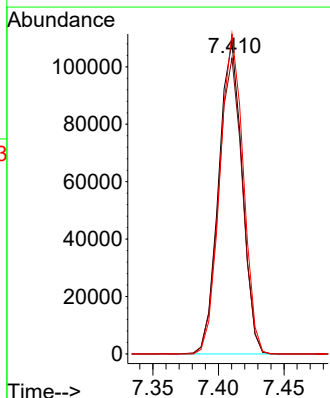
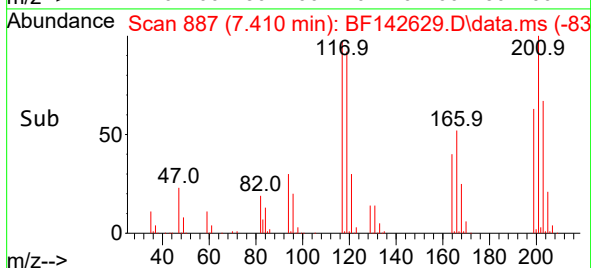
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

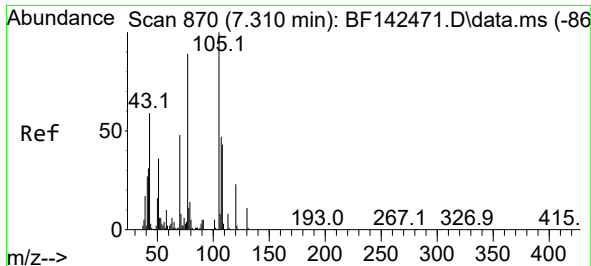


#18
Hexachloroethane
Concen: 43.693 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:117 Resp: 135471
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8
201 102.6 81.3 121.9





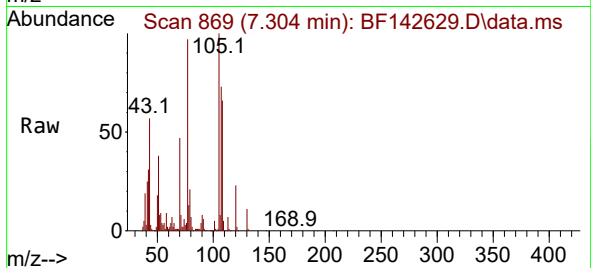
#19
n-Nitroso-di-n-propylamine
Concen: 39.616 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



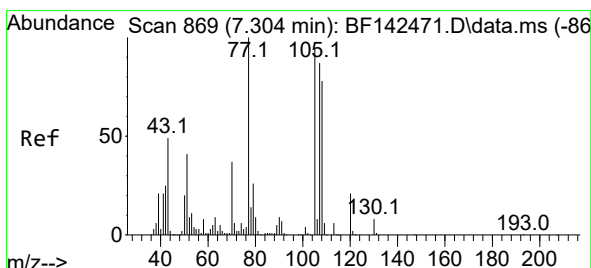
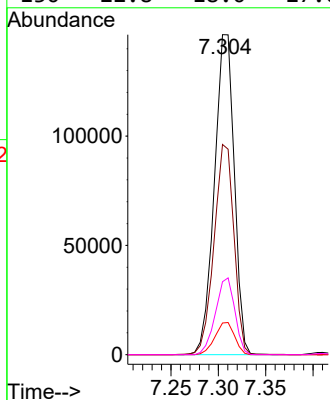
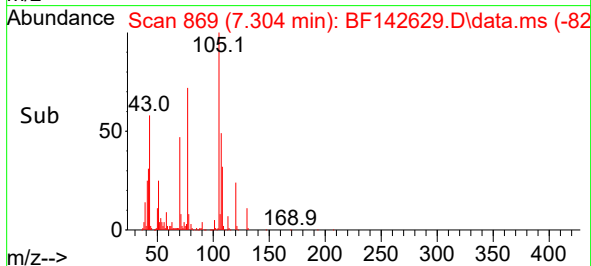
Tgt Ion: 70 Resp: 21435
Ion Ratio Lower Upper
70 100
42 65.7 52.4 78.6
101 9.9 7.8 11.8
130 22.8 18.0 27.0

Manual Integrations

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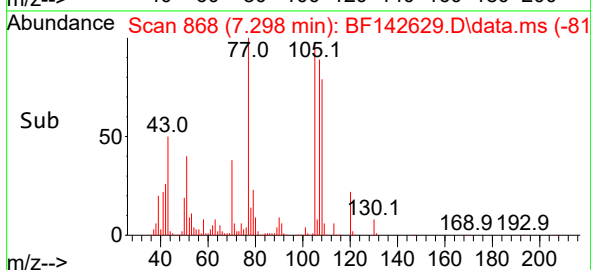
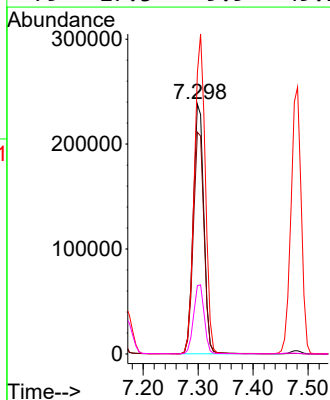
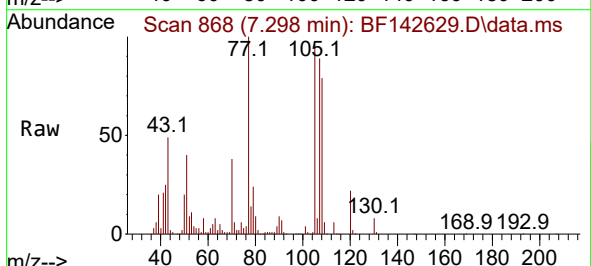
Reviewed By :Rahul Chavli 06/06/2025

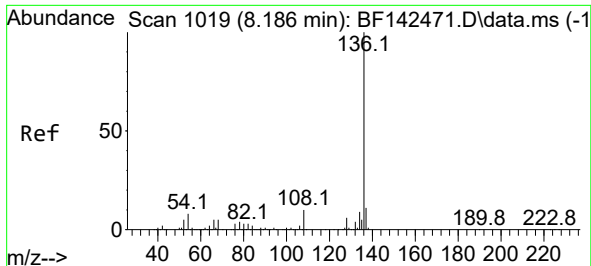
Supervised By :Jagrut Upadhyay 06/06/2025



#20
3+4-Methylphenols
Concen: 40.433 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:107 Resp: 319353
Ion Ratio Lower Upper
107 100
108 88.8 70.4 110.4
77 112.6 95.4 135.4
79 27.3 9.9 49.9





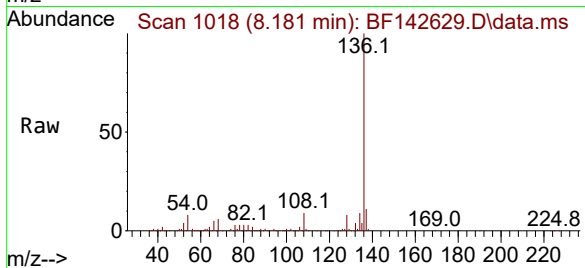
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

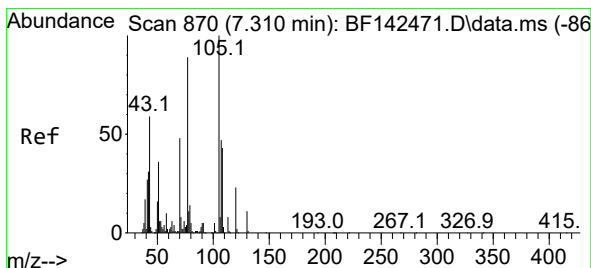
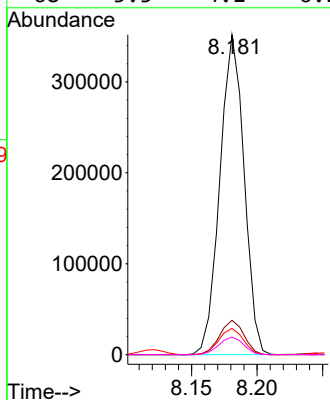
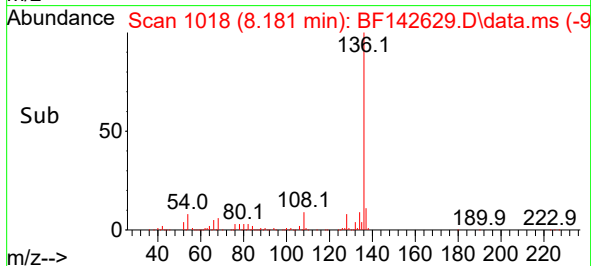


Tgt Ion:136 Resp: 451779
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.5 4.1 6.1

Manual Integrations

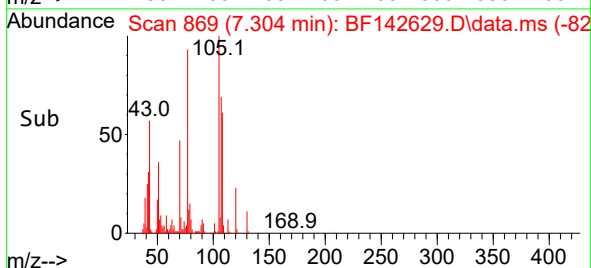
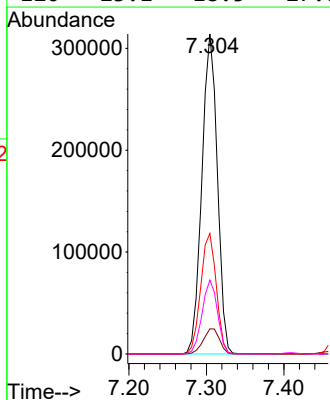
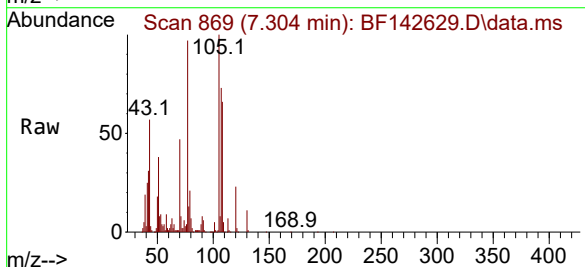
APPROVED

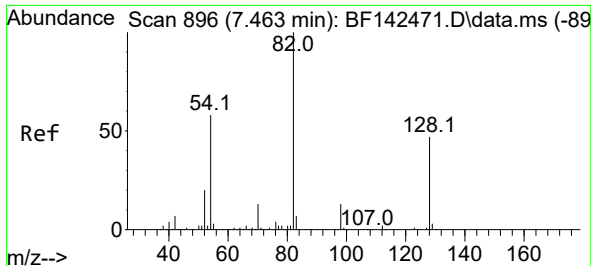
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 43.454 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:105 Resp: 434580
Ion Ratio Lower Upper
105 100
71 7.8 6.4 9.6
51 37.7 28.6 42.8
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 52.911 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion: 82 Resp: 438378

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

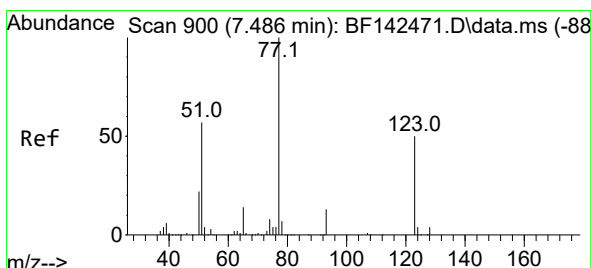
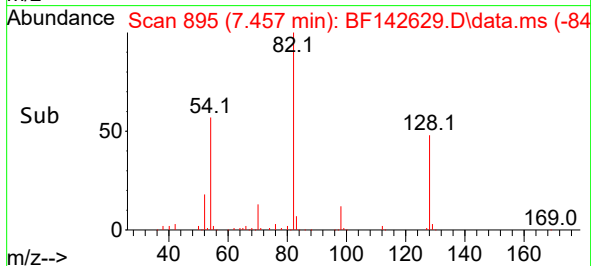
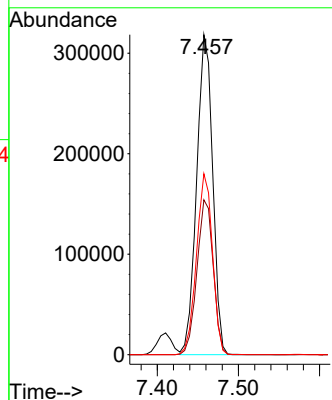
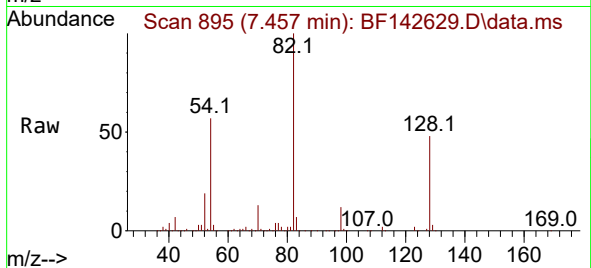
54 56.6 46.6 70.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Nitrobenzene

Concen: 44.072 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.011 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

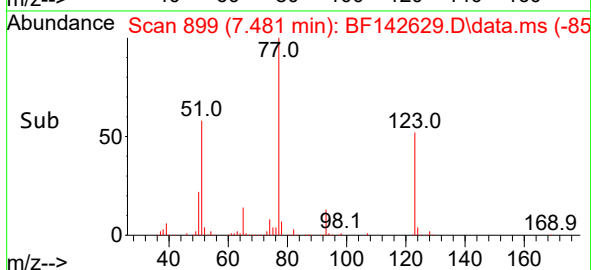
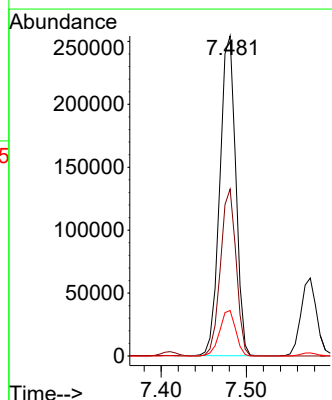
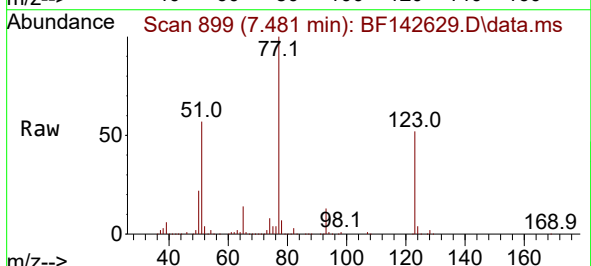
Tgt Ion: 77 Resp: 329327

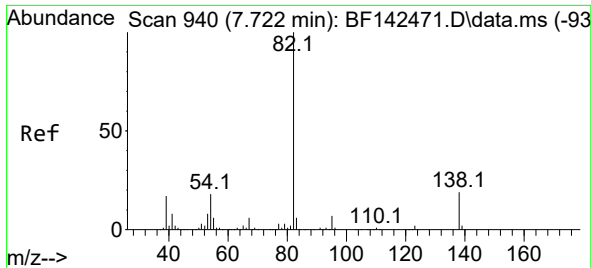
Ion Ratio Lower Upper

77 100

123 52.2 40.6 61.0

65 14.2 11.4 17.2





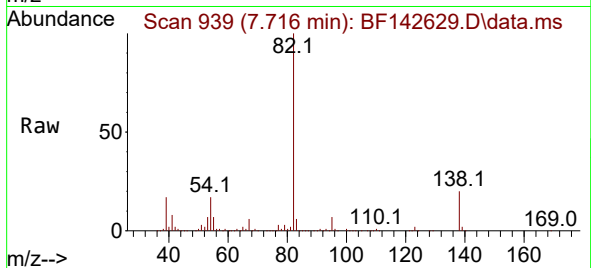
#25
Isophorone
Concen: 42.359 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

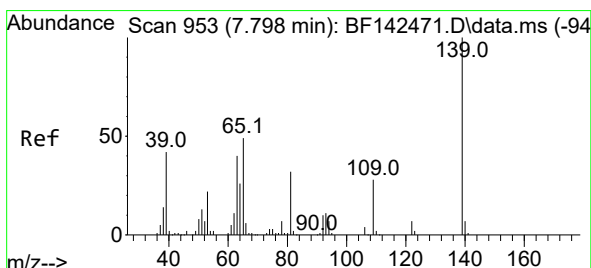
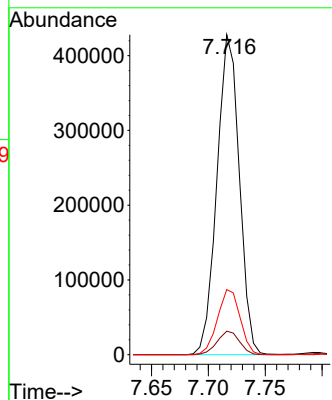
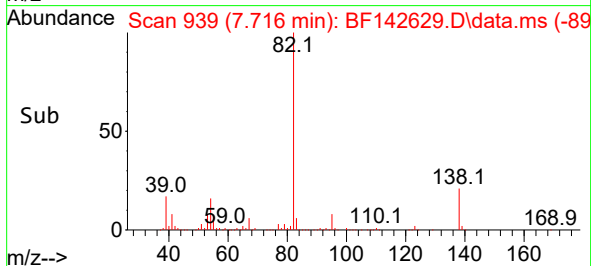


Tgt Ion: 82 Resp: 586760
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.4 15.5 23.3

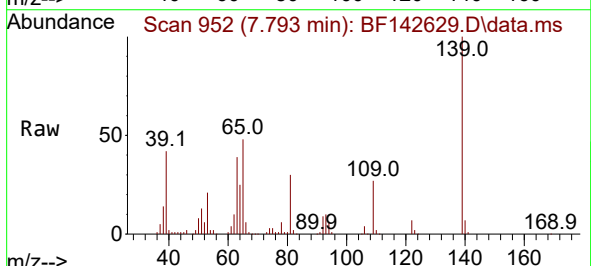
Manual Integrations

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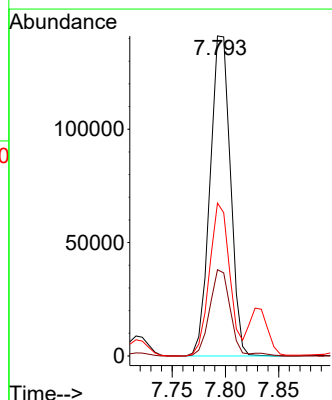
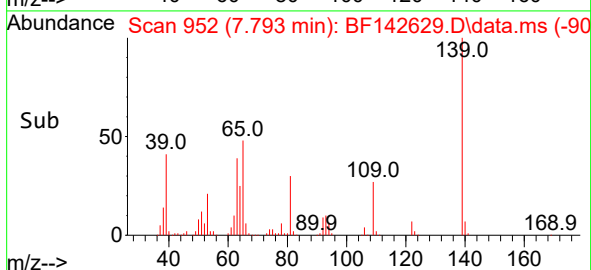
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

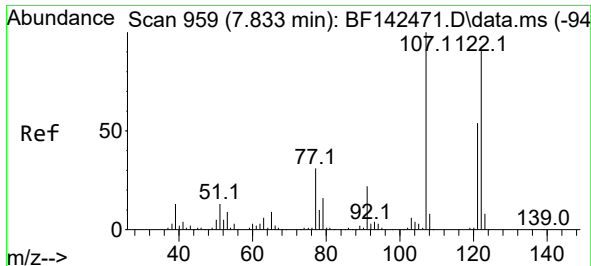


#26
2-Nitrophenol
Concen: 46.934 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:139 Resp: 187399
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 47.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.415 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:122 Resp: 305690

Ion Ratio Lower Upper

122 100

107 107.2 88.1 132.1

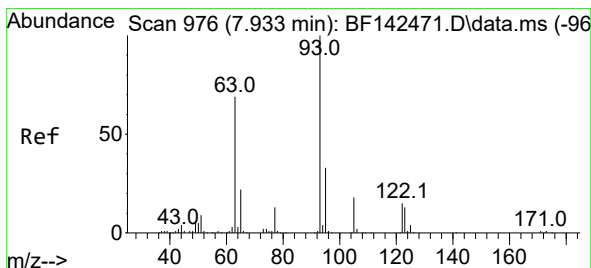
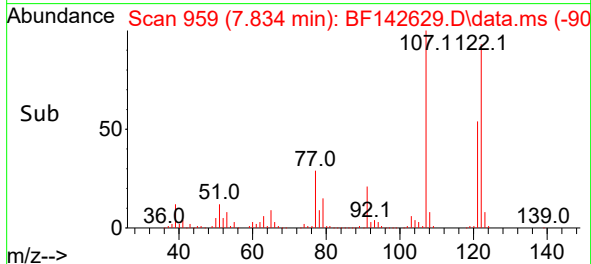
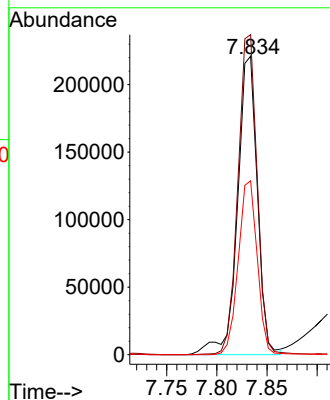
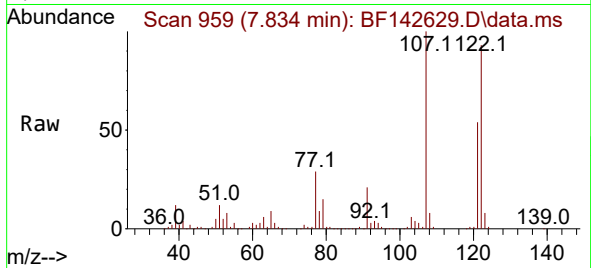
121 58.2 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.007 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.011 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

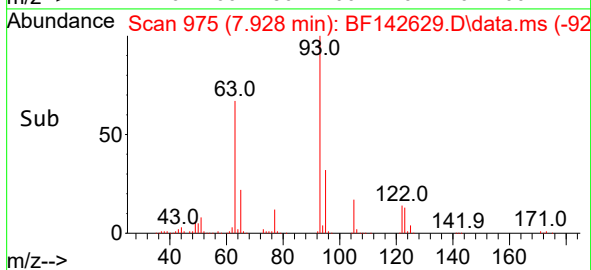
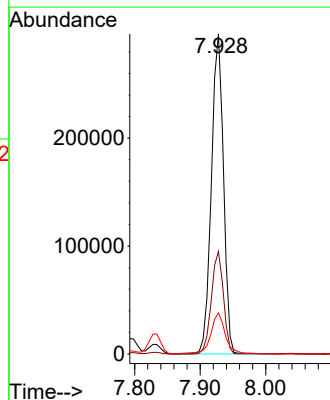
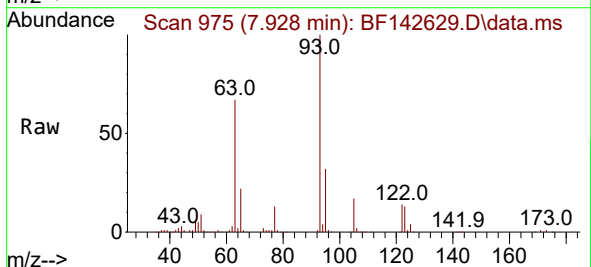
Tgt Ion: 93 Resp: 380803

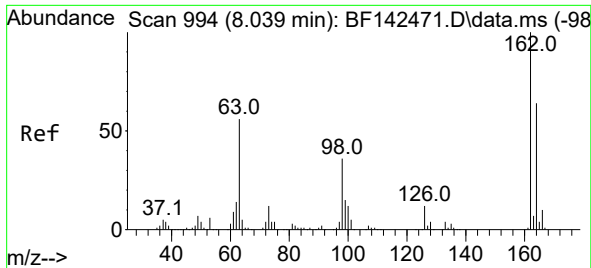
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.390 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142629.D

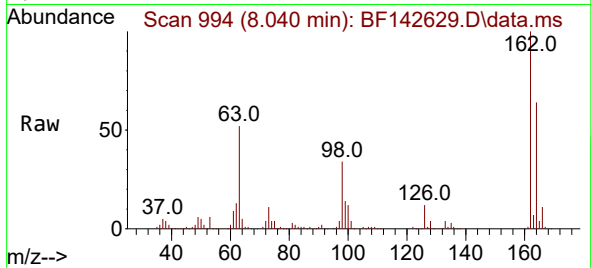
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



Tgt Ion:162 Resp: 277852

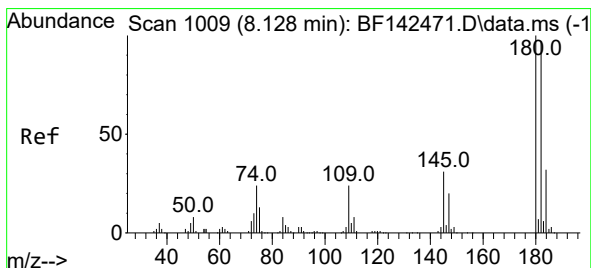
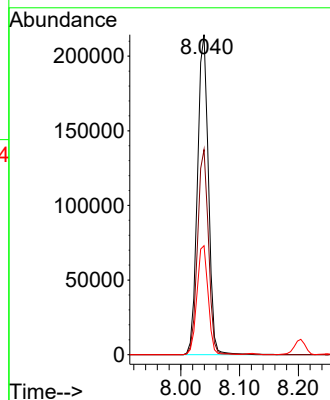
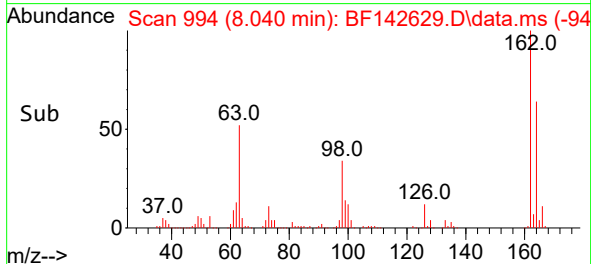
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	34.1	15.5	55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.999 ng

RT: 8.122 min Scan# 1008

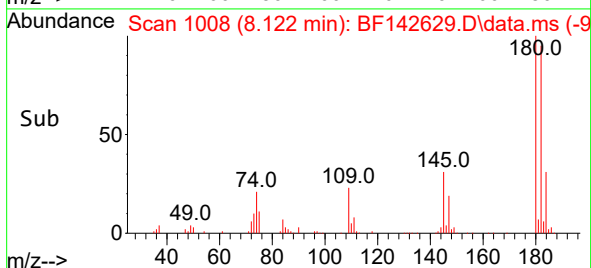
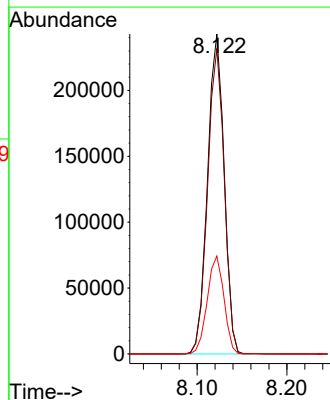
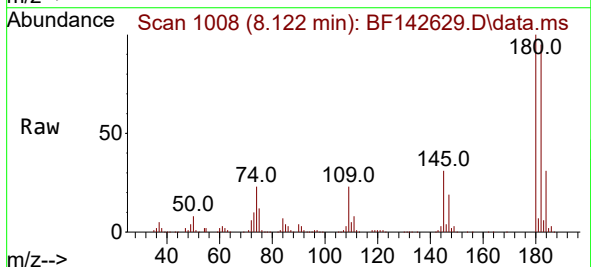
Delta R.T. -0.006 min

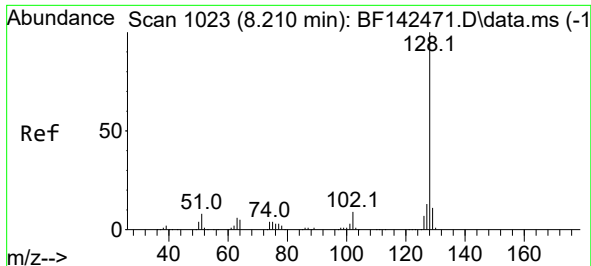
Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Tgt Ion:180 Resp: 312724

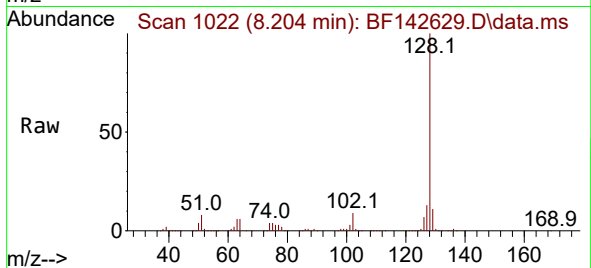
Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	30.6	25.0	37.6





#31
Naphthalene
Concen: 43.817 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

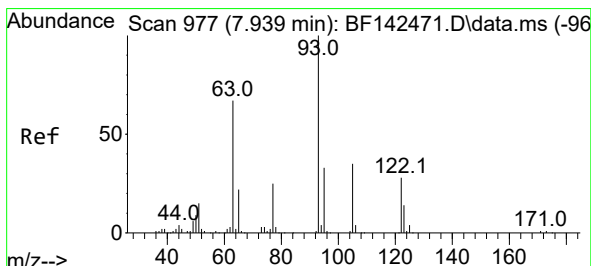
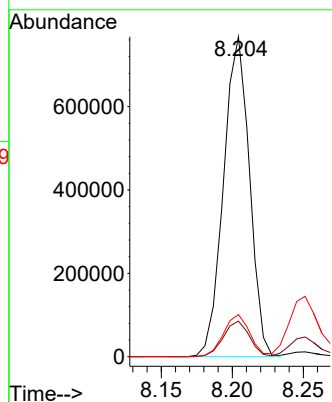
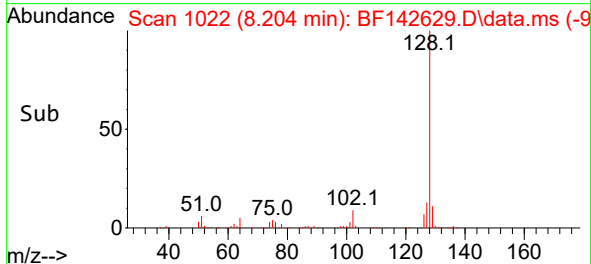
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion:128 Resp: 974710
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7

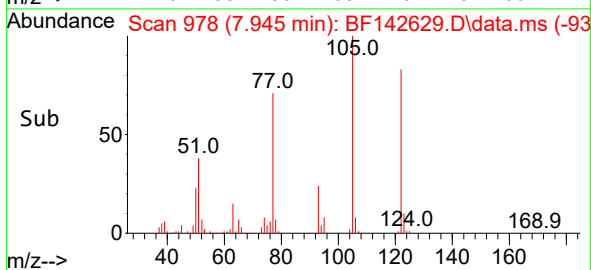
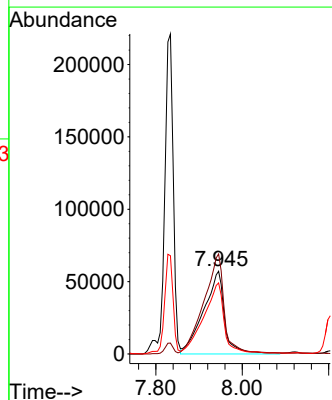
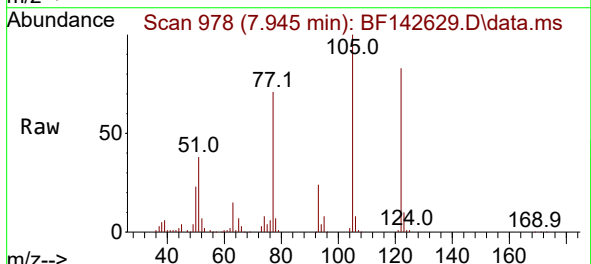
Manual Integrations
APPROVED

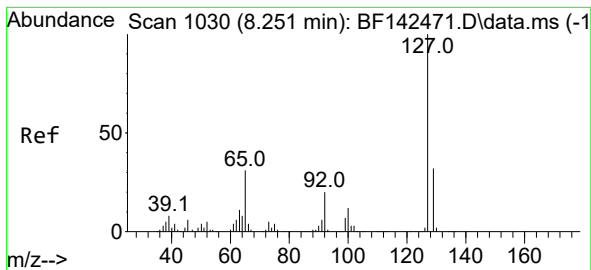
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#32
Benzoic acid
Concen: 45.248 ng m
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:122 Resp: 193944
Ion Ratio Lower Upper
122 100
105 120.8 101.7 141.7
77 85.7 69.5 109.5





#33
4-Chloroaniline
Concen: 25.291 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

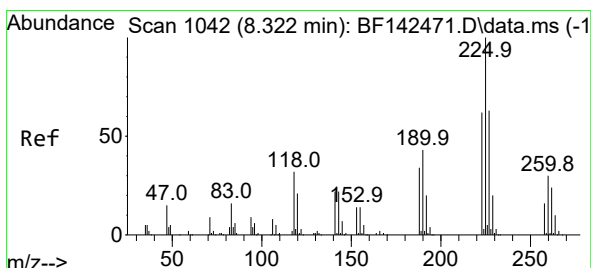
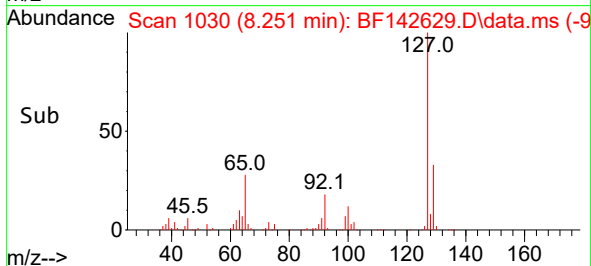
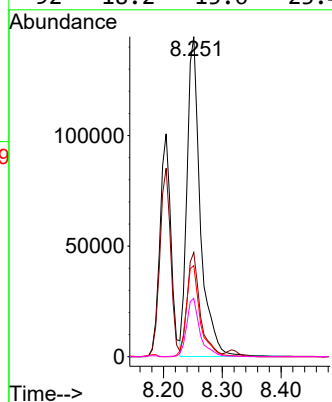
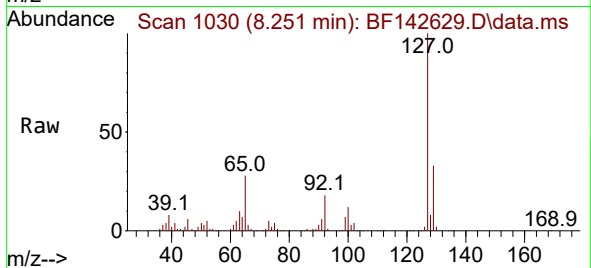
COMP-13MS

Tgt Ion:127 Resp: 22797
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 28.5 24.9 37.3
92 18.2 15.6 23.4

Manual Integrations

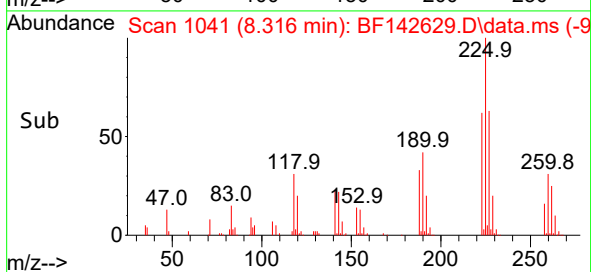
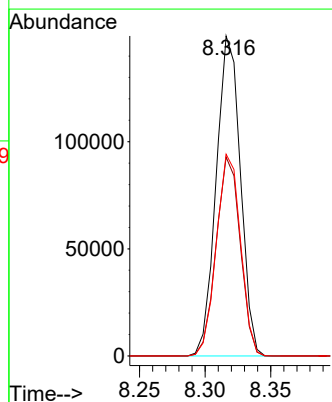
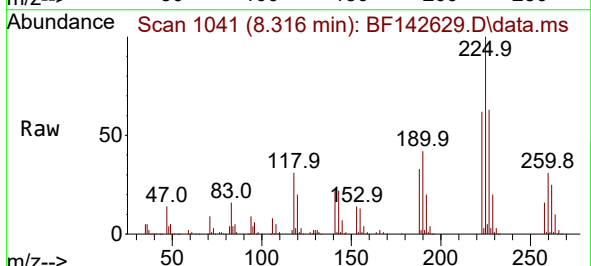
APPROVED

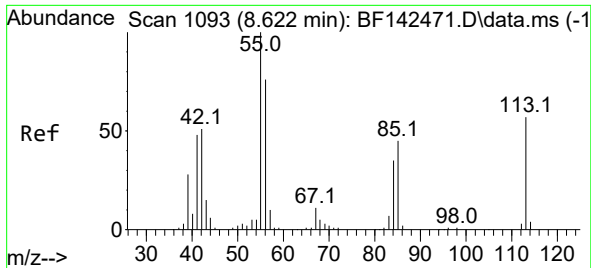
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#34
Hexachlorobutadiene
Concen: 44.147 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:225 Resp: 191565
Ion Ratio Lower Upper
225 100
223 62.1 49.7 74.5
227 63.0 50.3 75.5





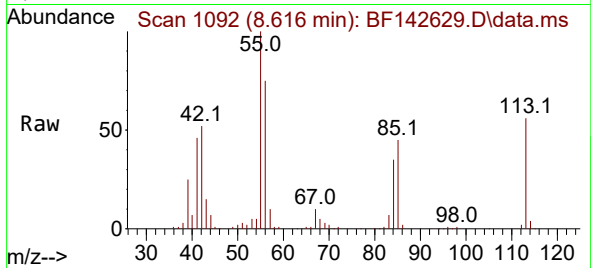
#35
 Caprolactam
 Concen: 43.544 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142629.D
 Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

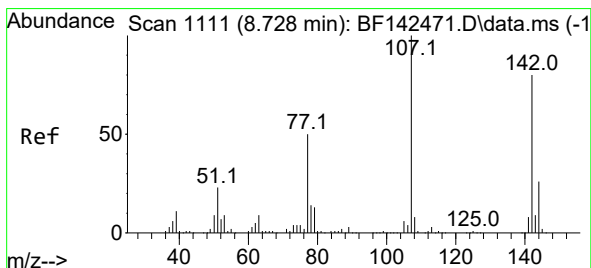
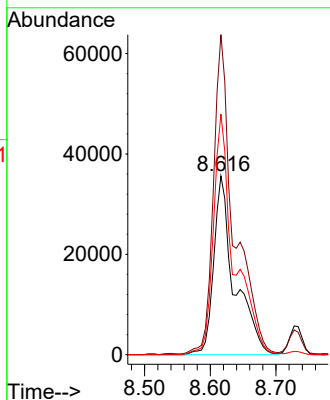
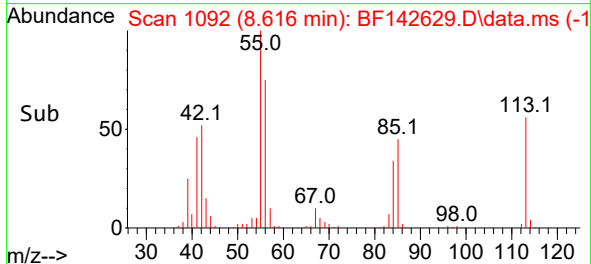


Tgt Ion:113 Resp: 7831
 Ion Ratio Lower Upper
 113 100
 55 179.1 154.7 194.7
 56 134.6 113.2 153.2

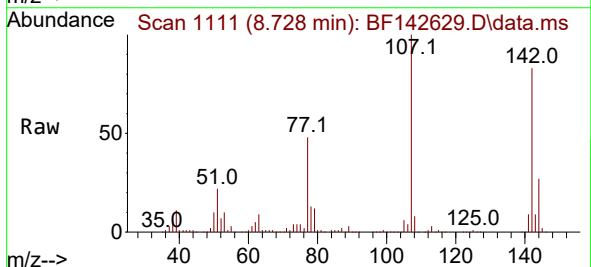
Manual Integrations

APPROVED

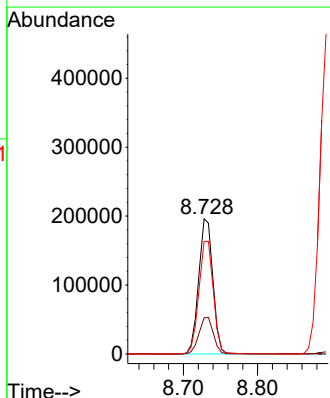
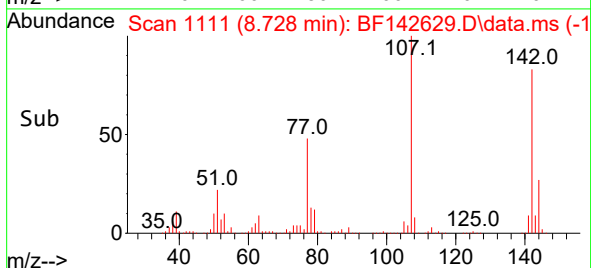
Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

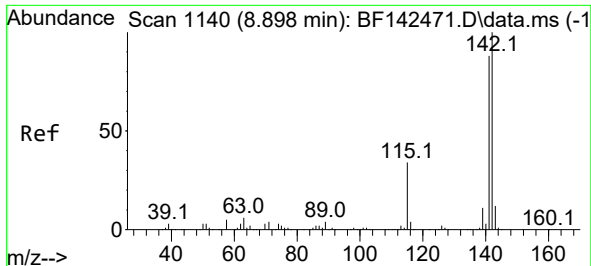


#36
 4-Chloro-3-methylphenol
 Concen: 39.848 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.011 min
 Lab File: BF142629.D
 Acq: 05 Jun 2025 12:38



Tgt Ion:107 Resp: 261506
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.9 31.3
 142 83.2 64.2 96.2





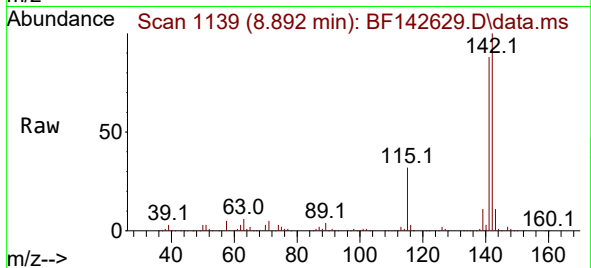
#37
2-Methylnaphthalene
Concen: 42.281 ng
RT: 8.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

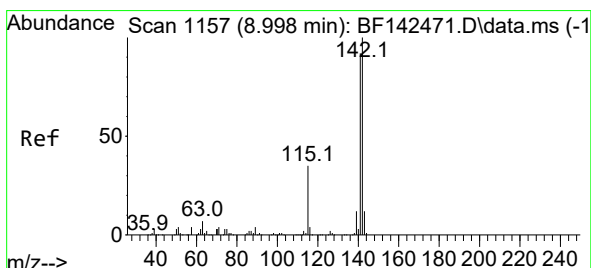
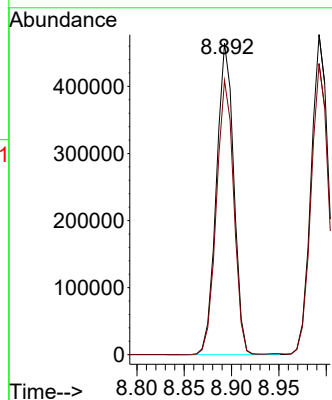
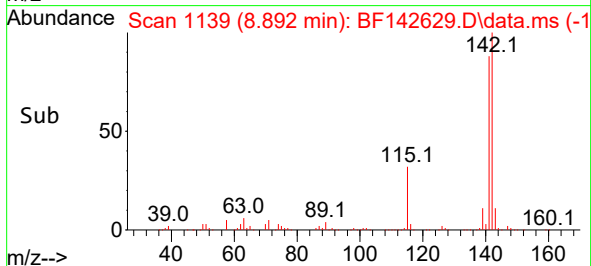


Tgt Ion:142 Resp: 591729
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1

Manual Integrations

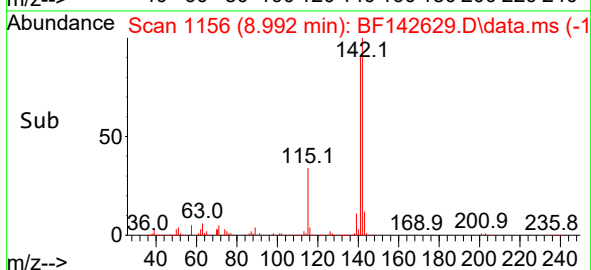
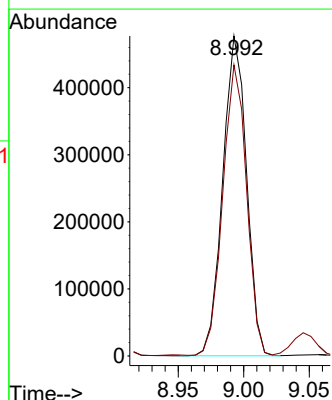
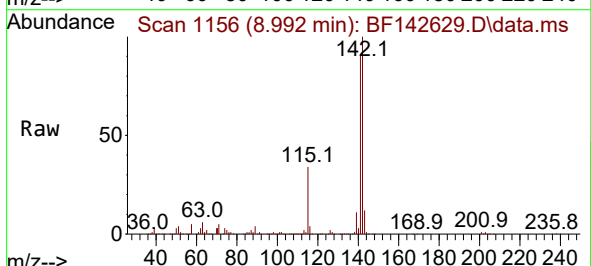
APPROVED

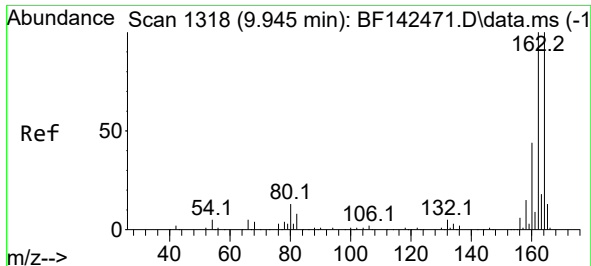
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#38
1-Methylnaphthalene
Concen: 41.502 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:142 Resp: 600790
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2





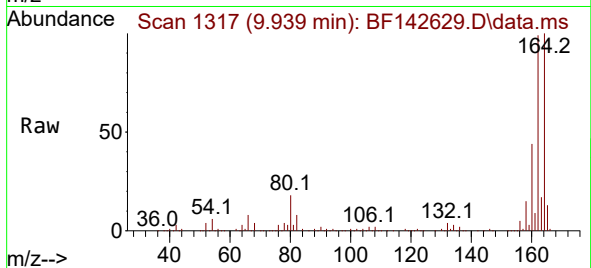
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



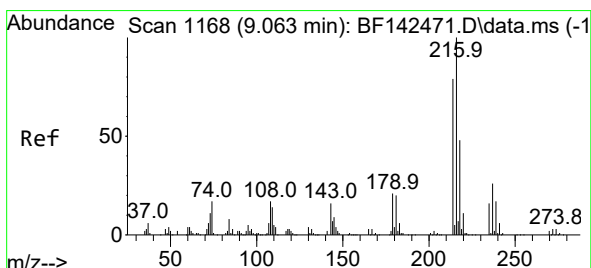
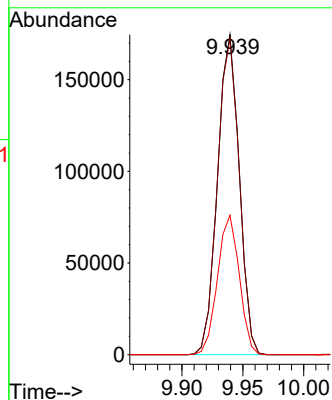
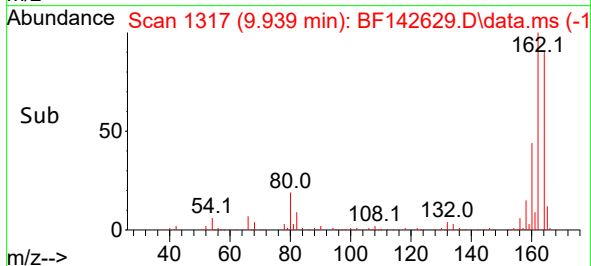
Tgt Ion:164 Resp: 216895
Ion Ratio Lower Upper
164 100
162 98.8 80.2 120.4
160 43.5 35.6 53.4

Manual Integrations

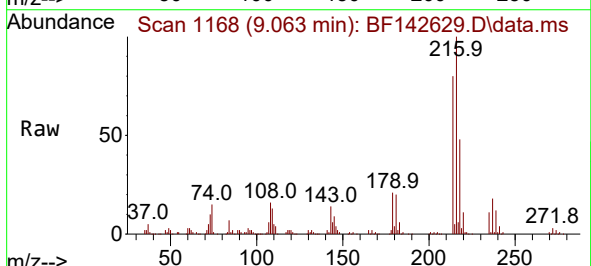
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

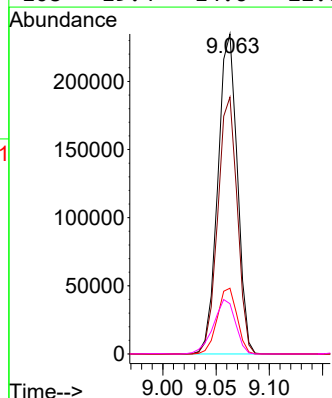
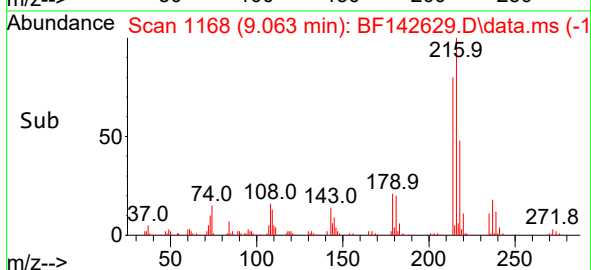
Supervised By :Jagrut Upadhyay 06/06/2025

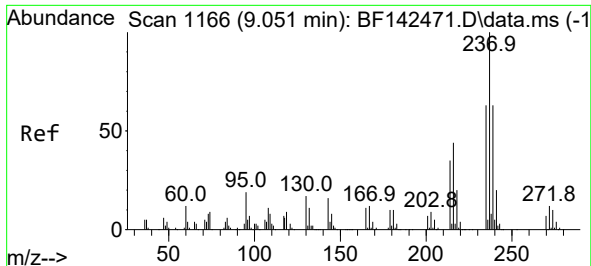


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.739 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



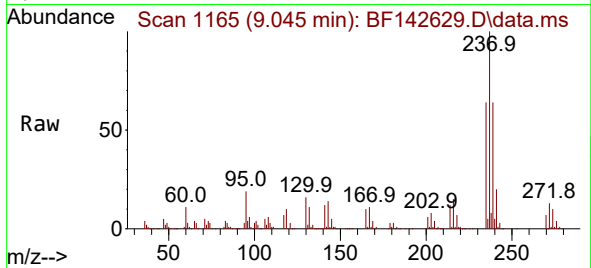
Tgt Ion:216 Resp: 297227
Ion Ratio Lower Upper
216 100
214 80.3 62.9 94.3
179 20.9 16.9 25.3
108 19.4 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 89.339 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

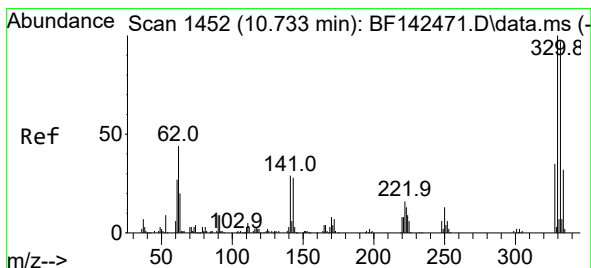
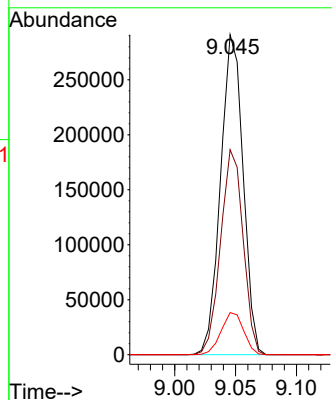
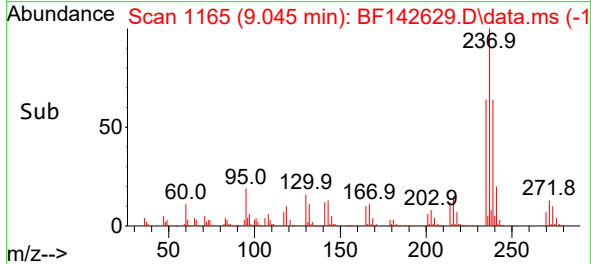
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



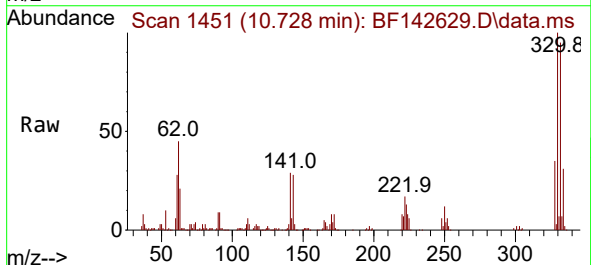
Tgt Ion:237 Resp: 375230
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 13.2 0.0 32.4

Manual Integrations
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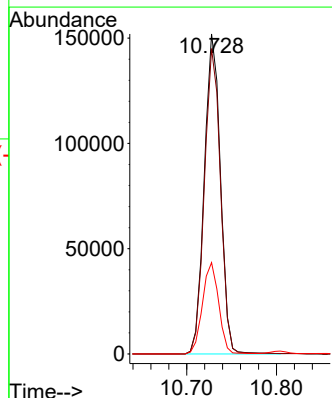
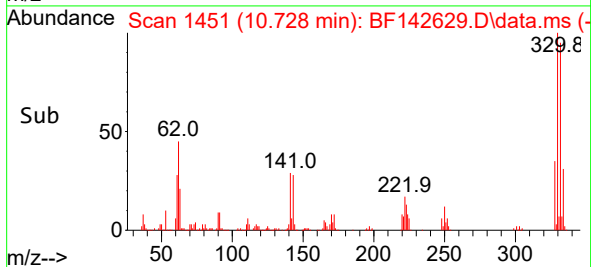
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

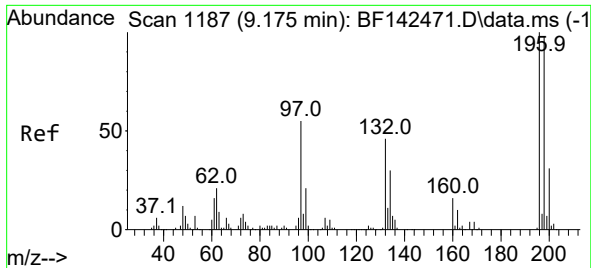


#42
2,4,6-Tribromophenol
Concen: 78.680 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



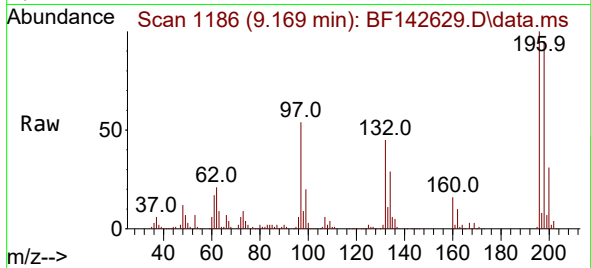
Tgt Ion:330 Resp: 189404
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 28.7 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.384 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

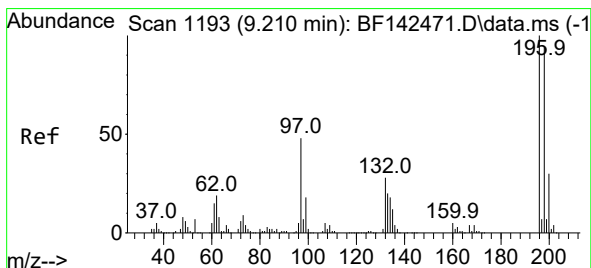
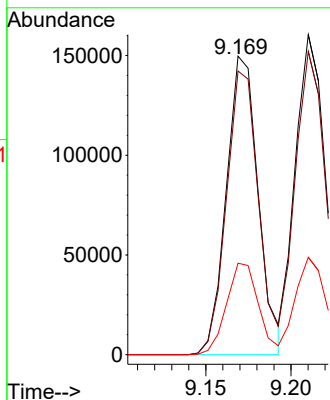
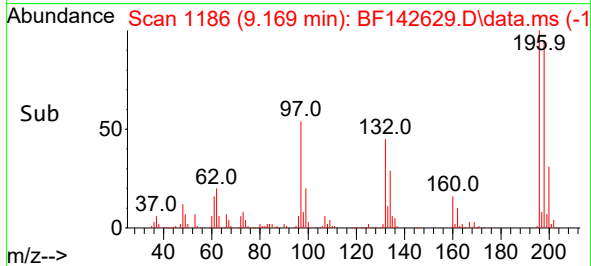
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



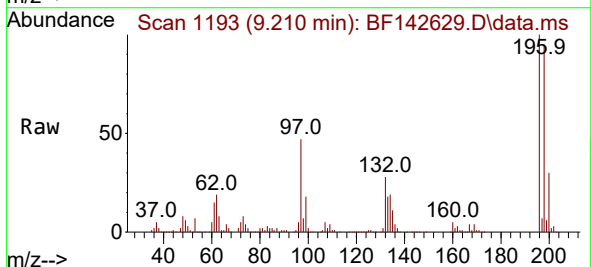
Tgt Ion:196 Resp: 194738
Ion Ratio Lower Upper
196 100
198 95.0 78.8 118.2
200 30.6 24.9 37.3

Manual Integrations
APPROVED

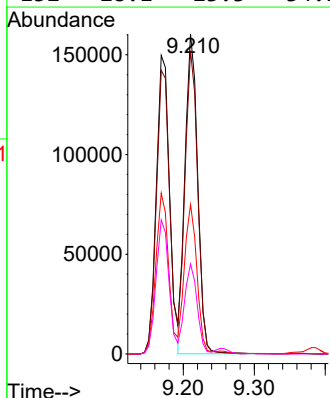
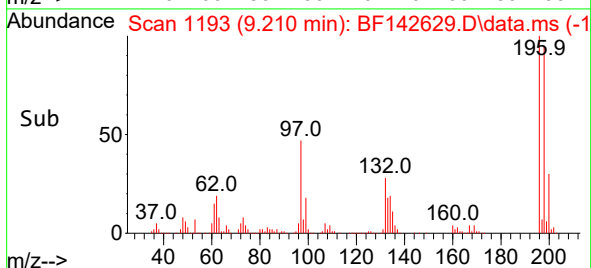
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

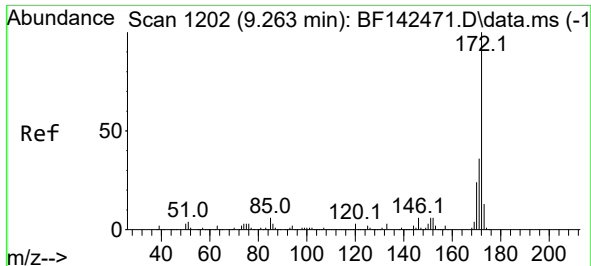


#44
2,4,5-Trichlorophenol
Concen: 45.006 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:196 Resp: 199277
Ion Ratio Lower Upper
196 100
198 94.8 75.5 113.3
97 46.7 39.3 58.9
132 28.1 23.3 34.9





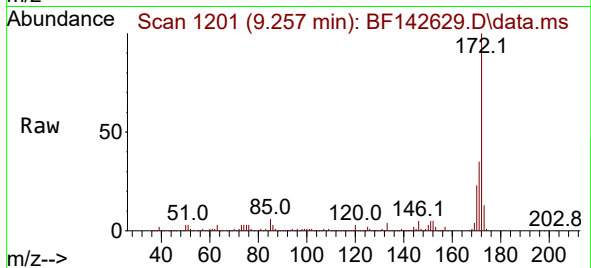
#45
2-Fluorobiphenyl
Concen: 51.733 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



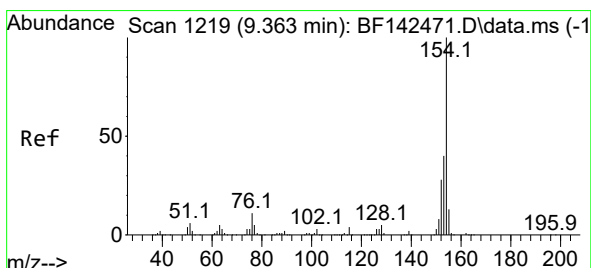
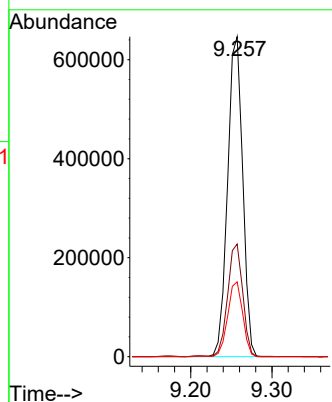
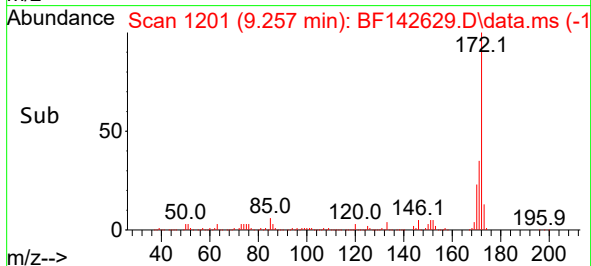
Tgt Ion:172 Resp: 83620
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.4 18.9 28.3

Manual Integrations

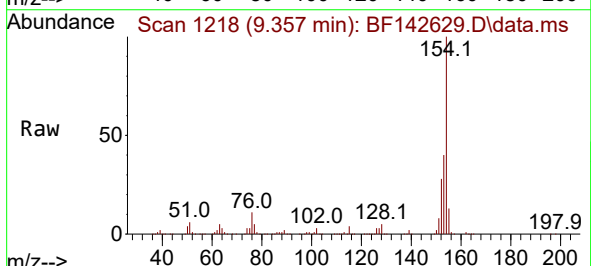
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

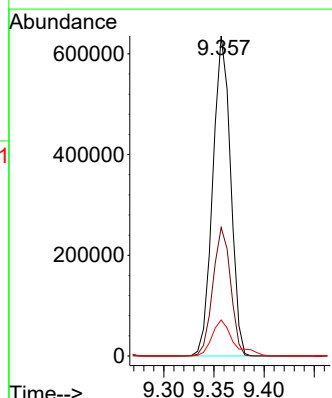
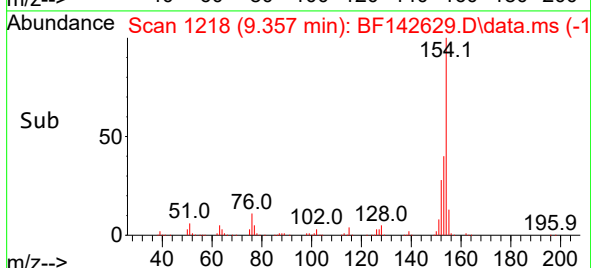
Supervised By :Jagrut Upadhyay 06/06/2025

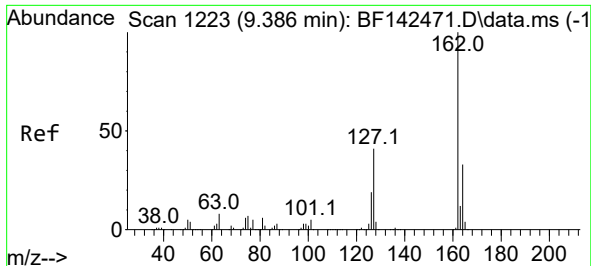


#46
1,1'-Biphenyl
Concen: 46.413 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:154 Resp: 780991
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.2 0.0 30.8





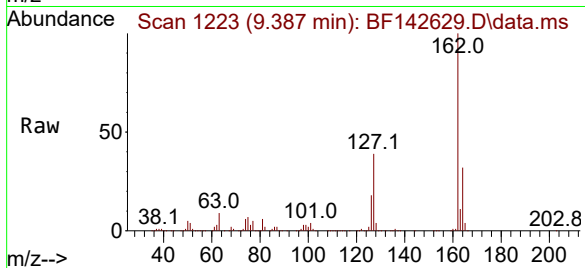
#47
2-Chloronaphthalene
Concen: 46.443 ng
RT: 9.387 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



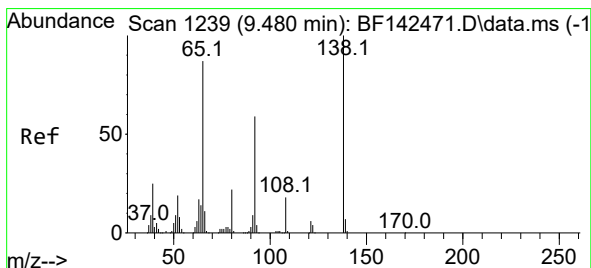
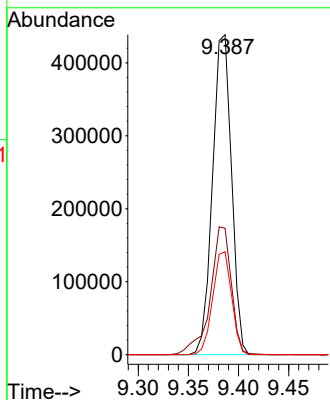
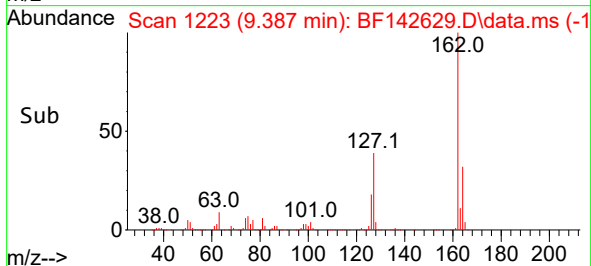
Tgt Ion:162 Resp: 577402
Ion Ratio Lower Upper
162 100
127 39.5 33.5 50.3
164 32.2 26.1 39.1

Manual Integrations

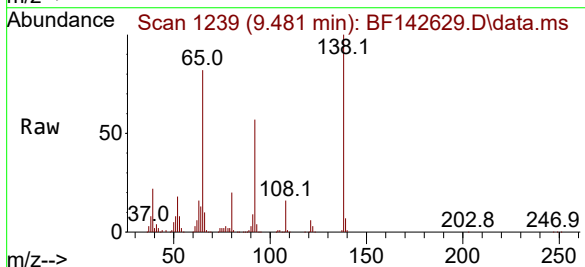
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

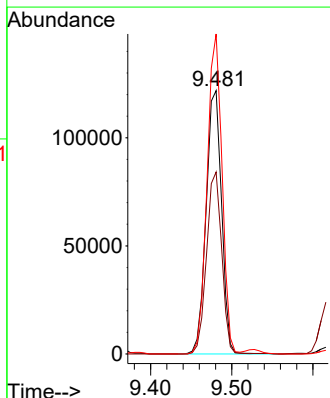
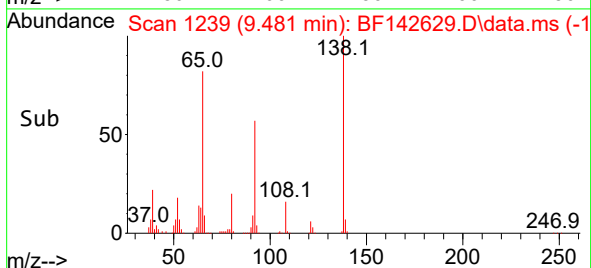
Supervised By :Jagrut Upadhyay 06/06/2025

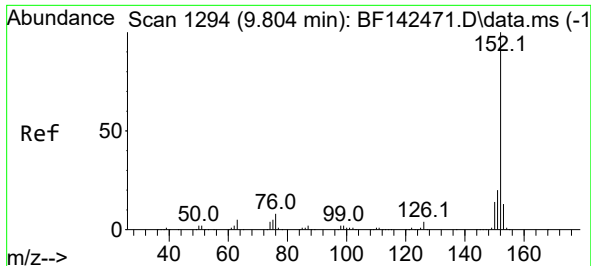


#48
2-Nitroaniline
Concen: 44.748 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



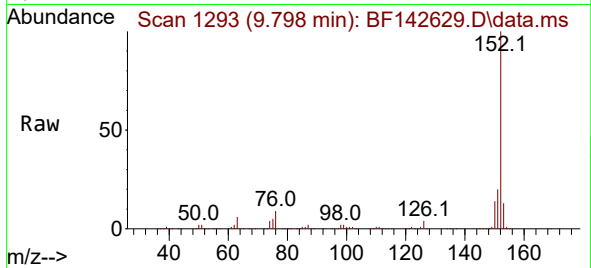
Tgt Ion: 65 Resp: 160805
Ion Ratio Lower Upper
65 100
92 69.0 54.4 81.6
138 121.5 91.4 137.2





#49
Acenaphthylene
Concen: 44.741 ng
RT: 9.798 min Scan# 1294
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

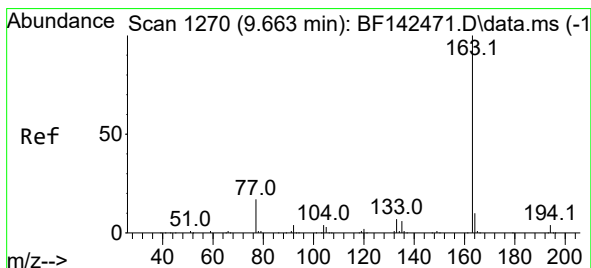
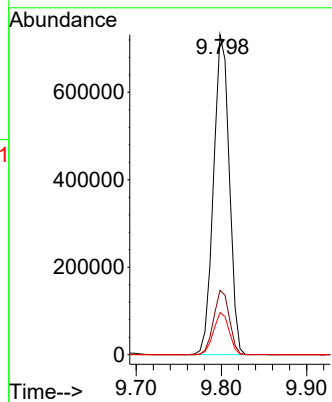
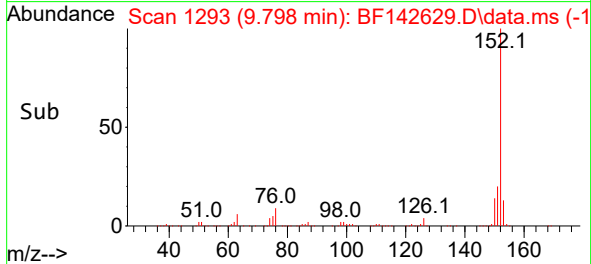
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



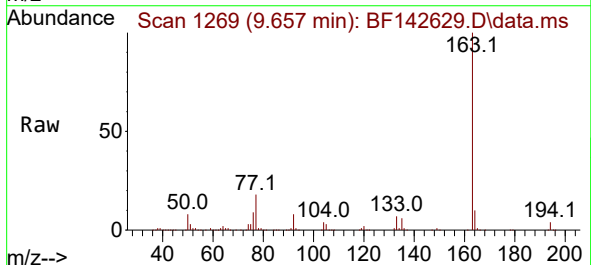
Tgt Ion:152 Resp: 939250
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.6 15.8

Manual Integrations
APPROVED

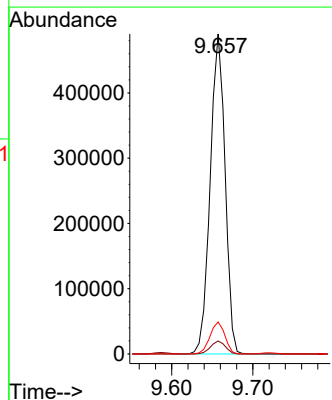
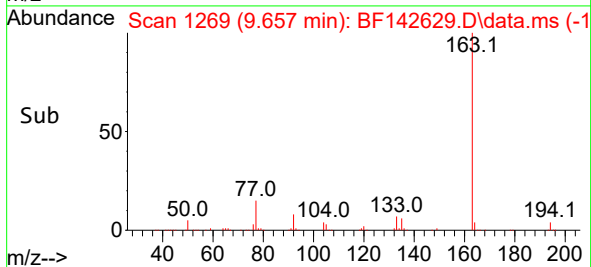
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

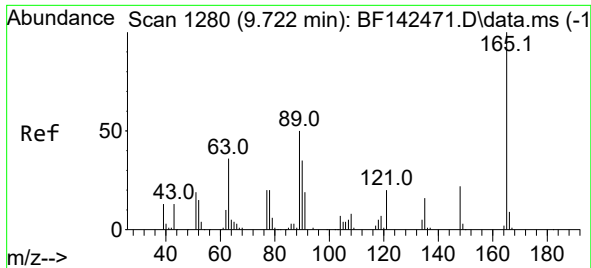


#50
Dimethylphthalate
Concen: 43.488 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



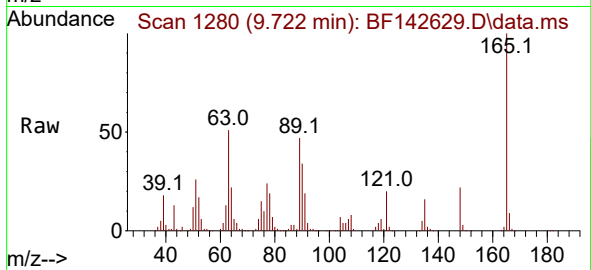
Tgt Ion:163 Resp: 622374
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.234 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

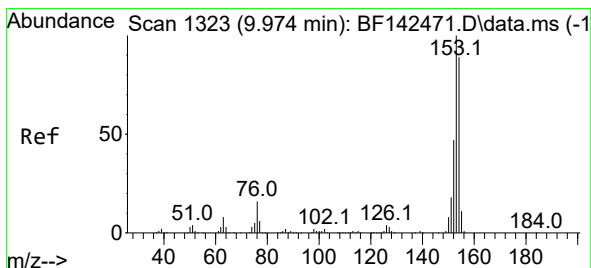
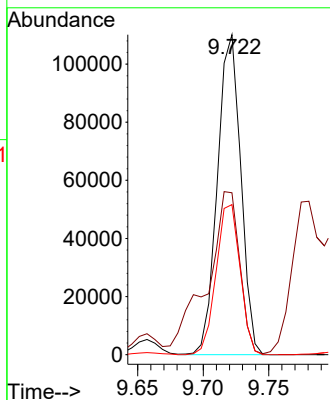
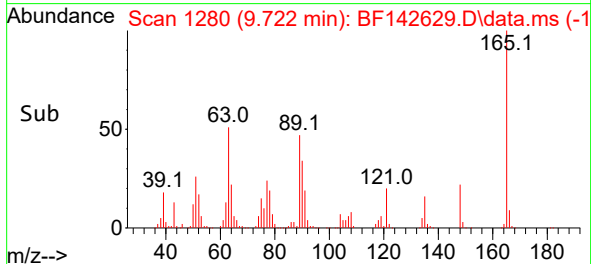
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion:165 Resp: 136634
Ion Ratio Lower Upper
165 100
63 50.6 42.9 64.3
89 46.9 40.2 60.4

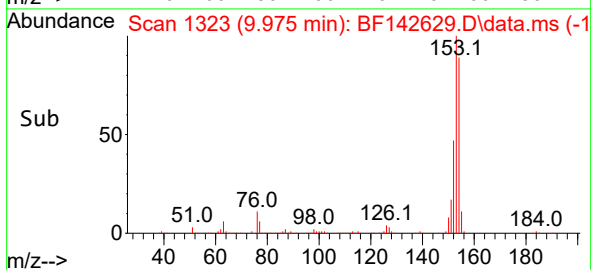
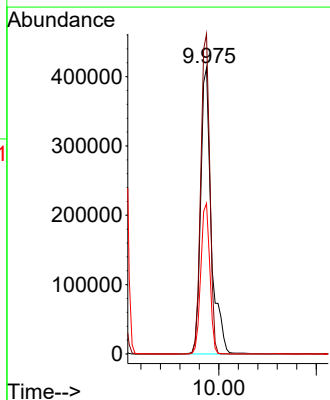
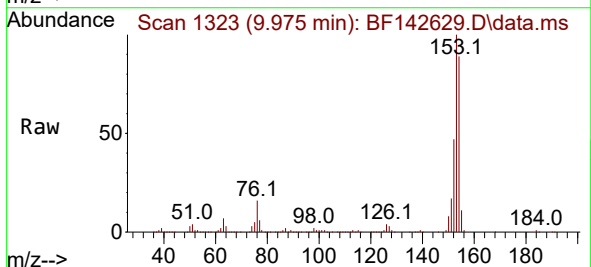
Manual Integrations
APPROVED

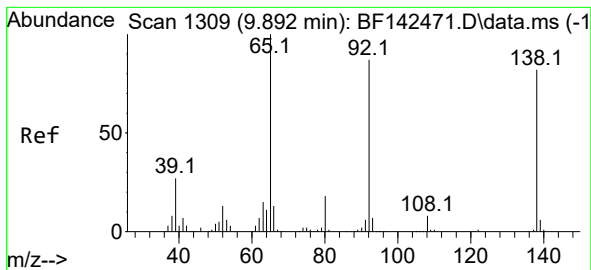
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 48.626 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:154 Resp: 623337
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.6 42.6 64.0





#53
3-Nitroaniline
Concen: 29.937 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

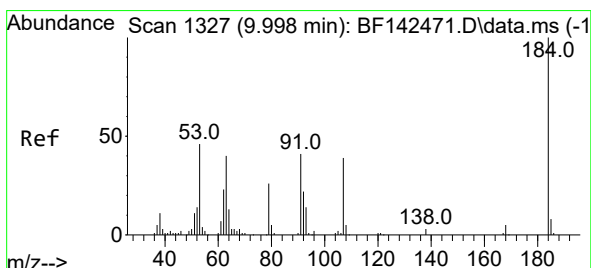
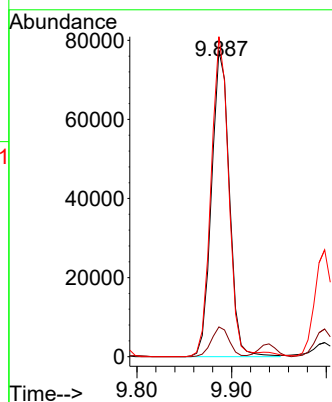
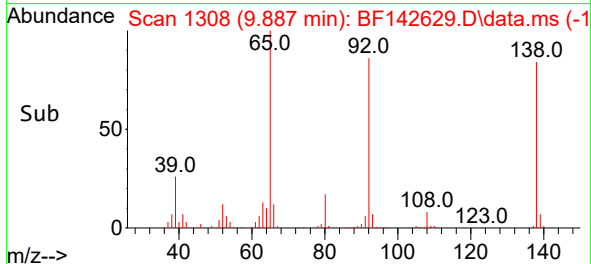
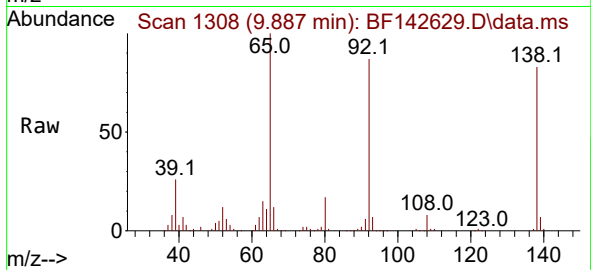
COMP-13MS

Tgt Ion:138 Resp: 10100
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 104.5 85.2 127.8

Manual Integrations

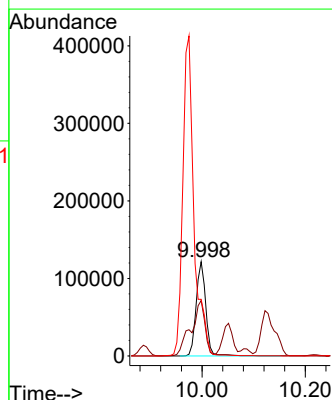
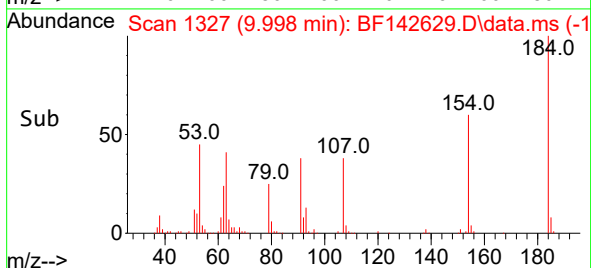
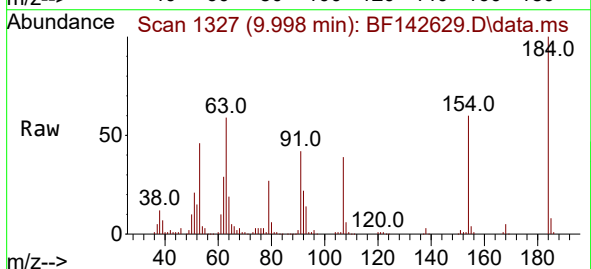
APPROVED

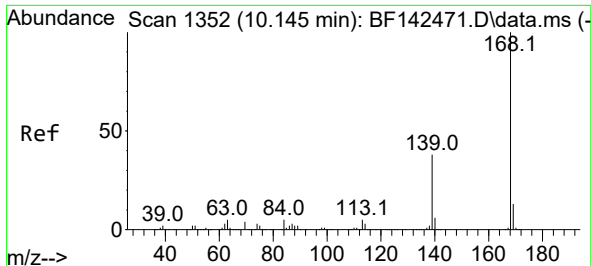
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#54
2,4-Dinitrophenol
Concen: 99.131 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

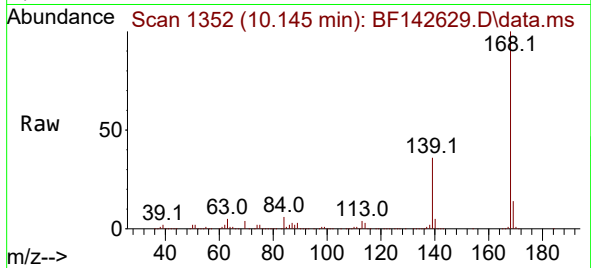
Tgt Ion:184 Resp: 158196
Ion Ratio Lower Upper
184 100
63 58.8 46.3 69.5
154 60.0 56.8 85.2





#55
Dibenzenofuran
Concen: 43.761 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

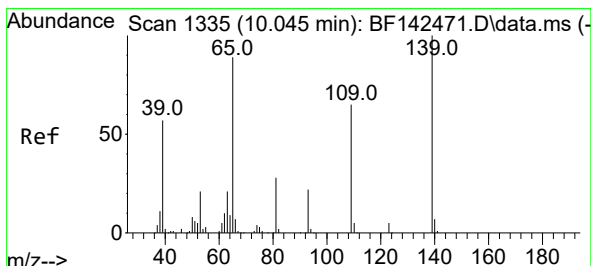
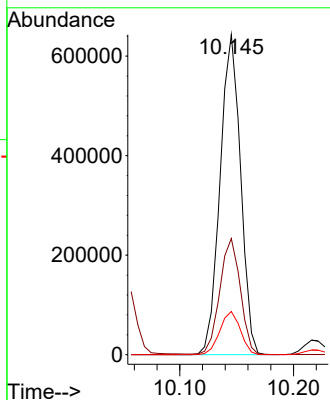
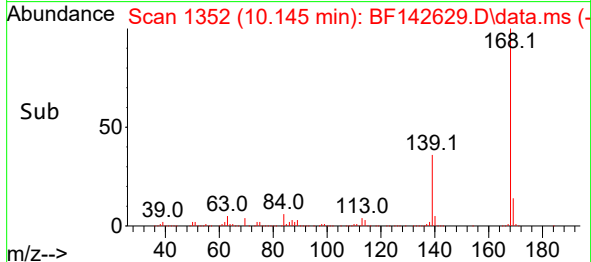
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion:168 Resp: 80724
Ion Ratio Lower Upper
168 100
139 36.3 30.2 45.2
169 13.5 10.7 16.1

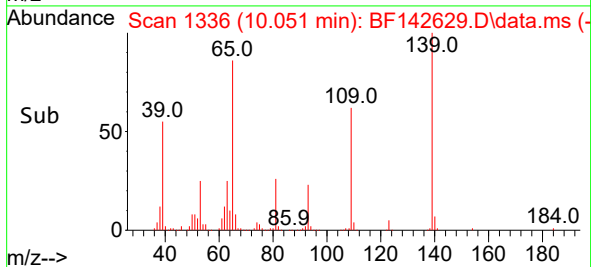
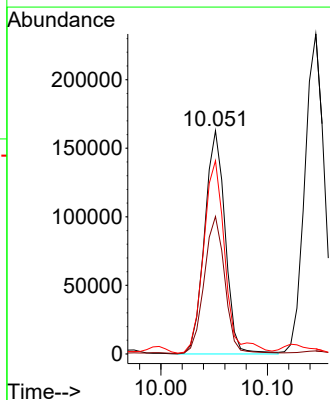
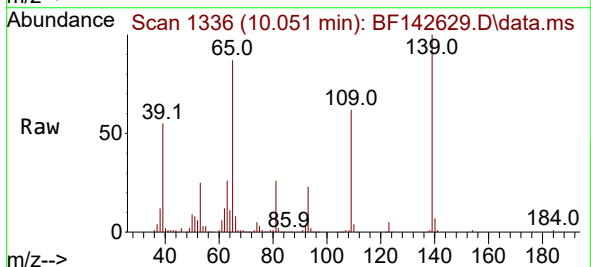
Manual Integrations
APPROVED

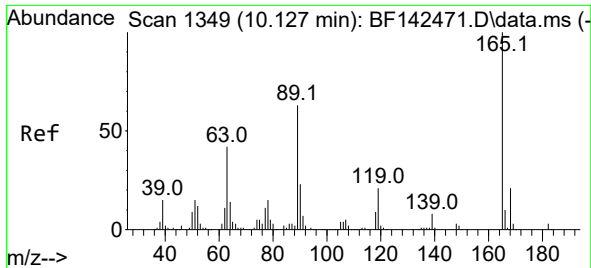
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 88.260 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:139 Resp: 219710
Ion Ratio Lower Upper
139 100
109 61.6 45.1 85.1
65 86.6 69.7 109.7





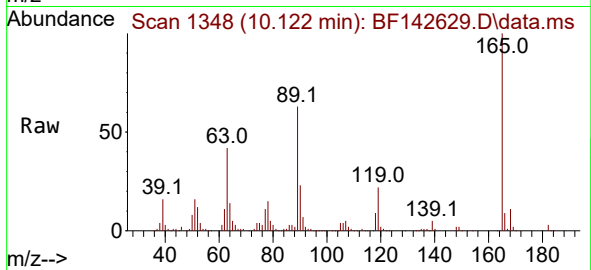
#57
2,4-Dinitrotoluene
Concen: 44.776 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



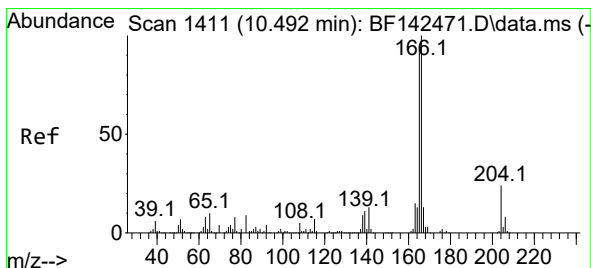
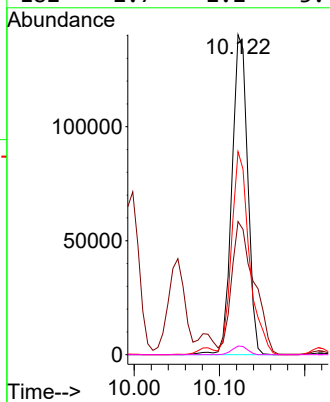
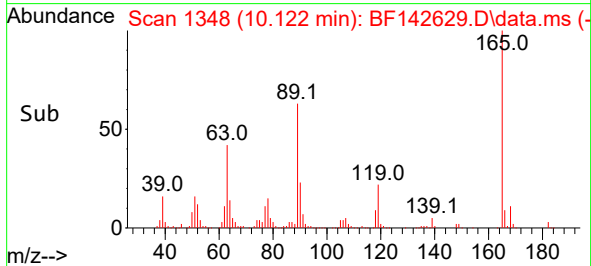
Tgt Ion:165 Resp: 180624
Ion Ratio Lower Upper
165 100
63 41.6 33.6 50.4
89 63.4 50.2 75.4
182 2.7 2.2 3.4

Manual Integrations

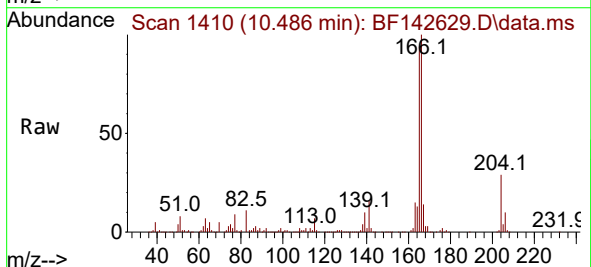
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

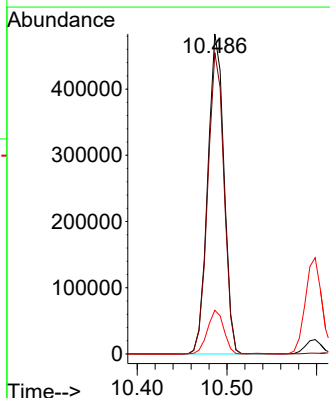
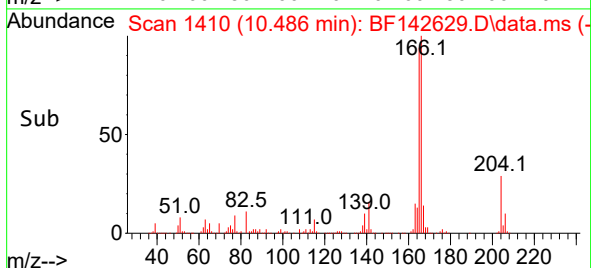
Supervised By :Jagrut Upadhyay 06/06/2025

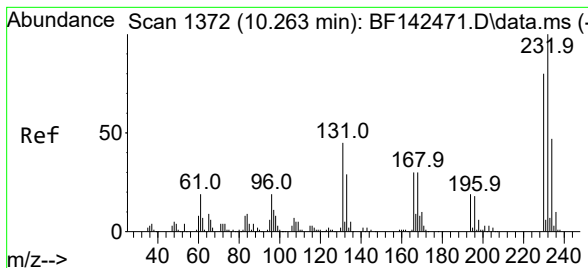


#58
Fluorene
Concen: 42.685 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



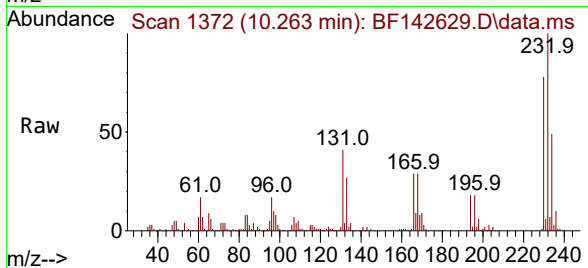
Tgt Ion:166 Resp: 608304
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.681 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

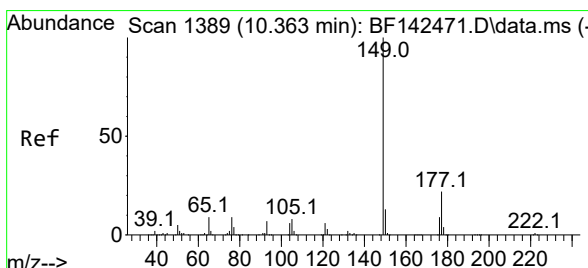
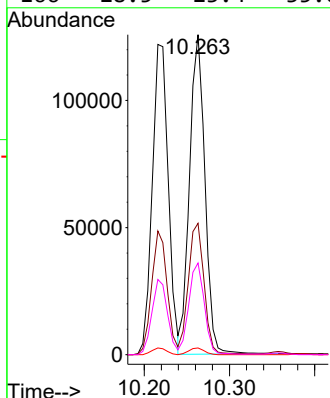
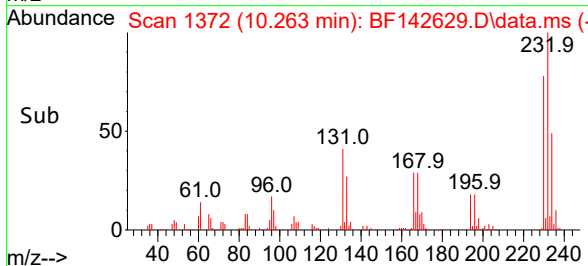
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



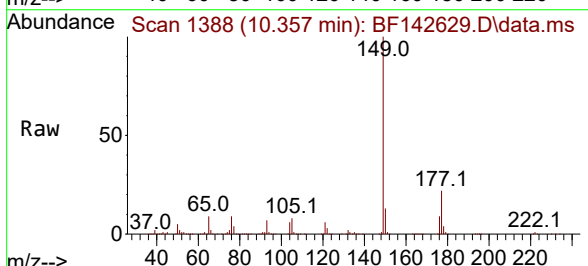
Tgt Ion:232 Resp: 157768
Ion Ratio Lower Upper
232 100
131 42.3 35.2 52.8
130 2.1 1.7 2.5
166 28.5 23.4 35.0

Manual Integrations
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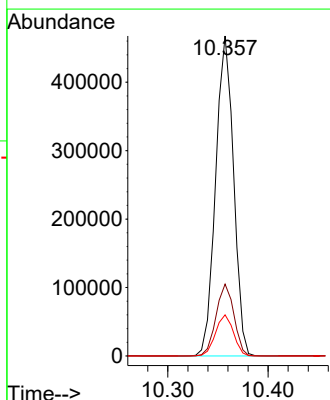
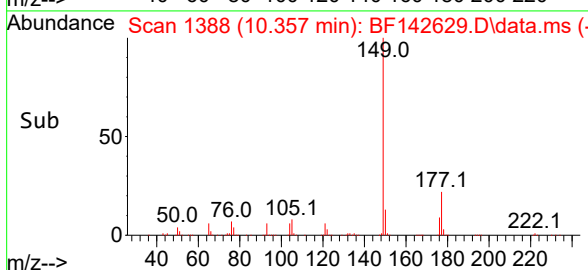
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

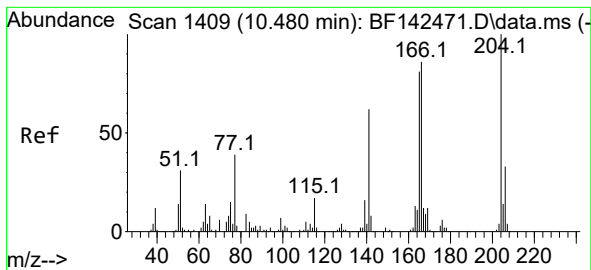


#60
Diethylphthalate
Concen: 41.477 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



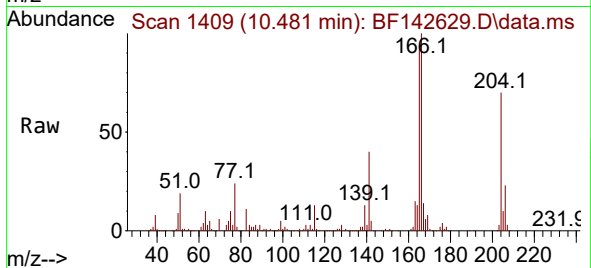
Tgt Ion:149 Resp: 579733
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.269 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

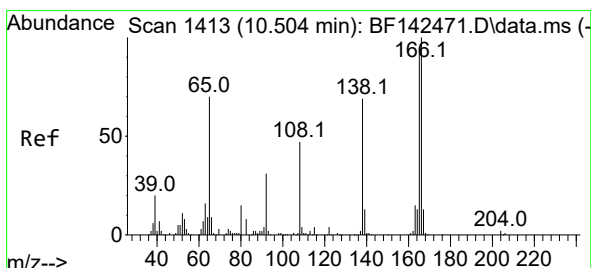
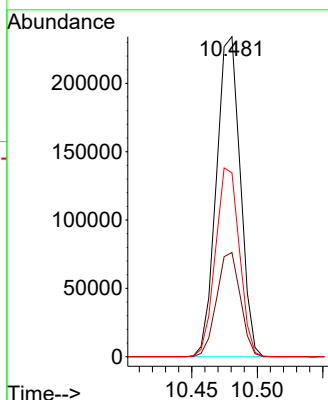
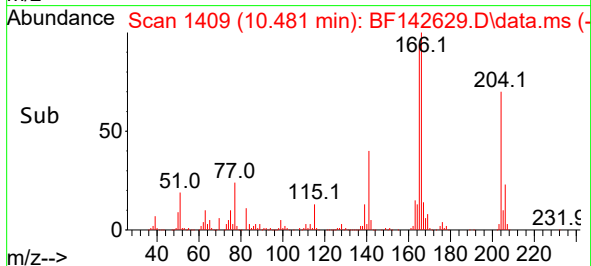
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



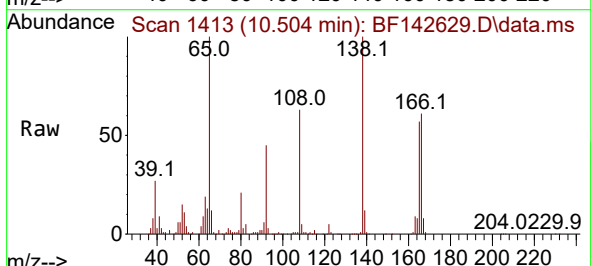
Tgt Ion:204 Resp: 29591
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 57.5 49.5 74.3

Manual Integrations
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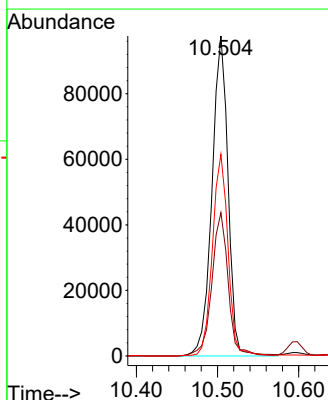
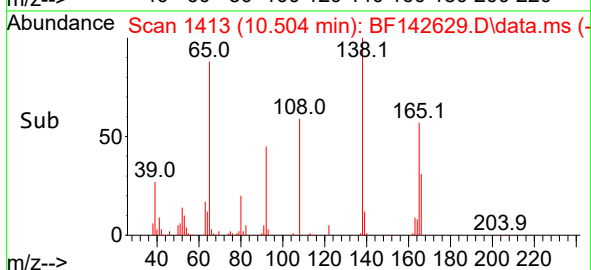
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

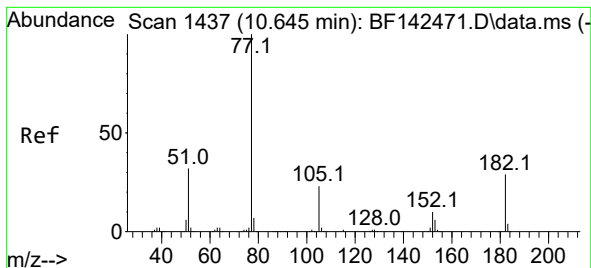


#62
4-Nitroaniline
Concen: 43.919 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



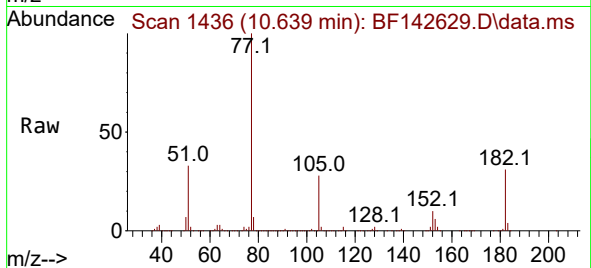
Tgt Ion:138 Resp: 134386
Ion Ratio Lower Upper
138 100
92 44.8 26.0 66.0
108 63.1 48.4 88.4





#63
Azobenzene
Concen: 46.946 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

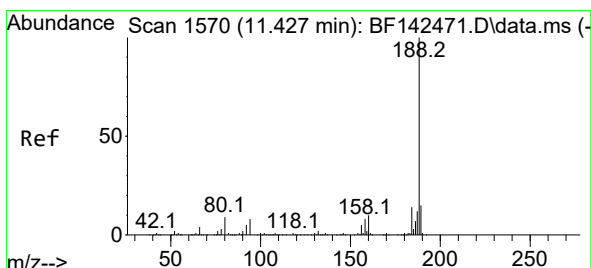
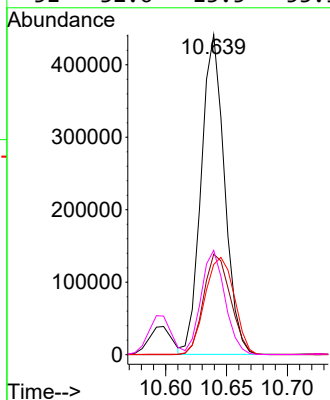
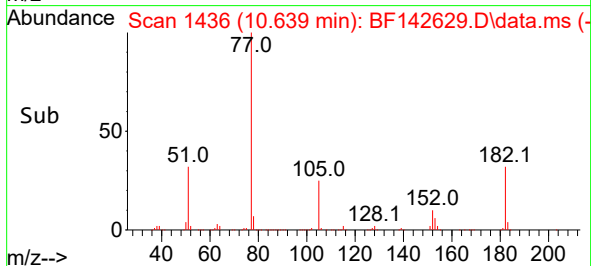
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion: 77 Resp: 589364
Ion Ratio Lower Upper
77 100
182 31.4 9.0 49.0
105 28.2 2.4 42.4
51 32.6 13.5 53.5

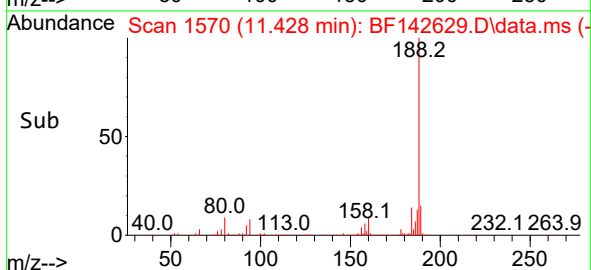
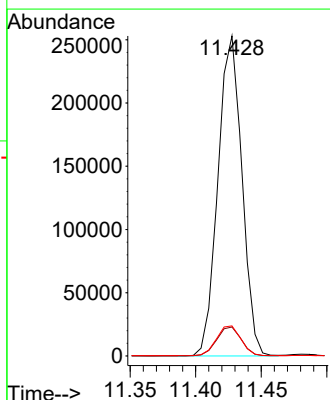
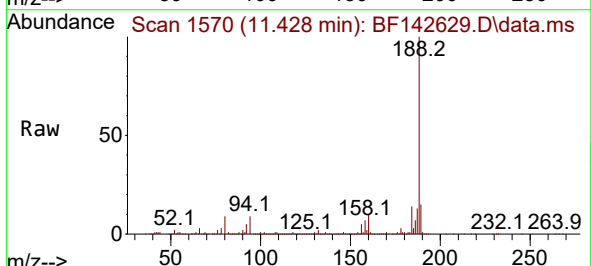
Manual Integrations
APPROVED

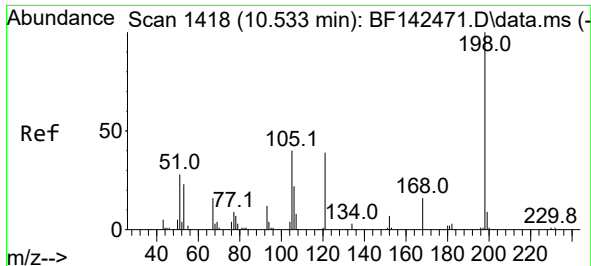
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

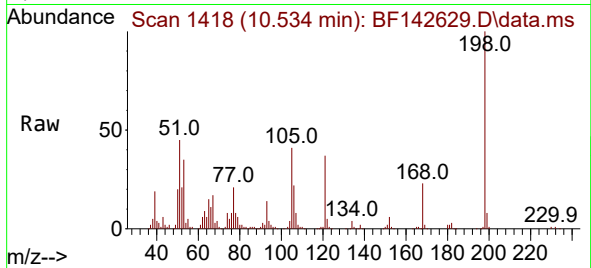
Tgt Ion:188 Resp: 322012
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.4 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 53.370 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

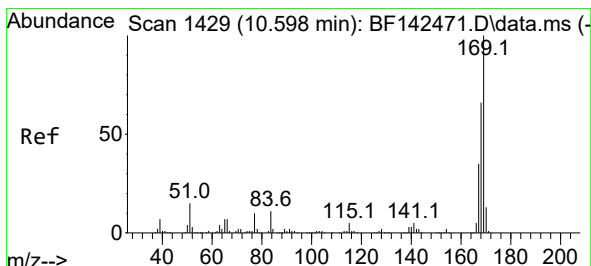
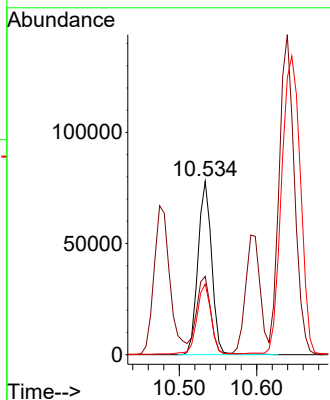
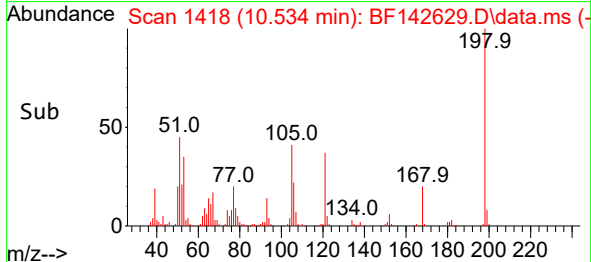
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



Tgt Ion:198 Resp: 95910
Ion Ratio Lower Upper
198 100
51 45.1 28.3 68.3
105 40.8 21.3 61.3

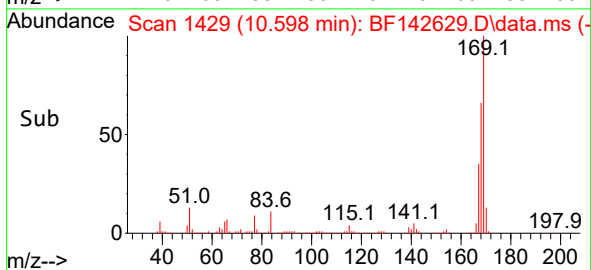
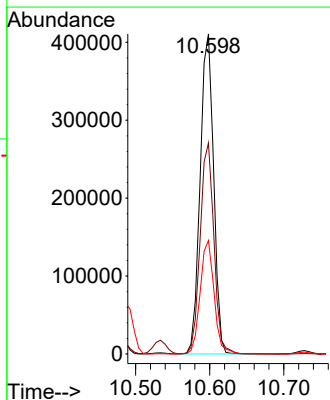
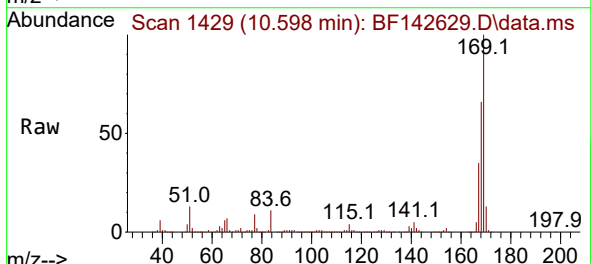
Manual Integrations
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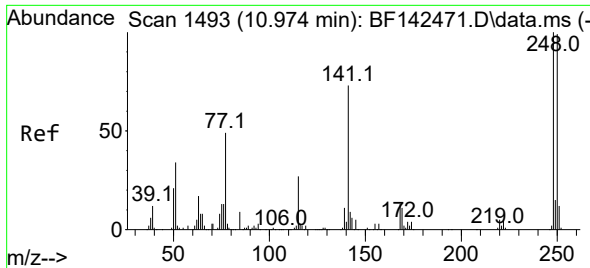
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#66
n-Nitrosodiphenylamine
Concen: 47.003 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

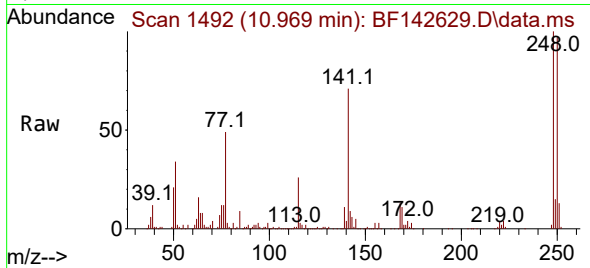
Tgt Ion:169 Resp: 517819
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 35.4 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 46.503 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

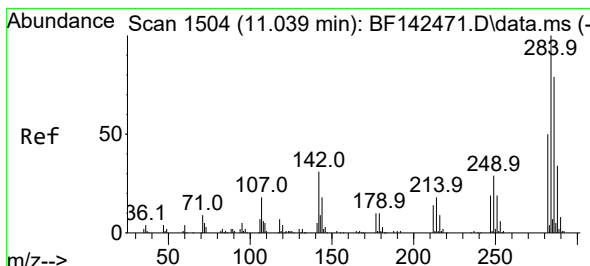
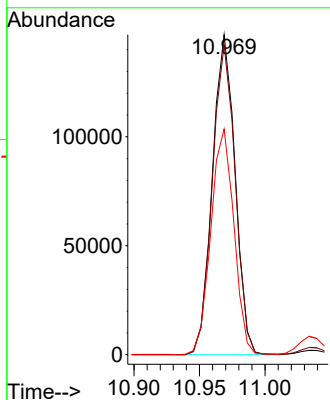
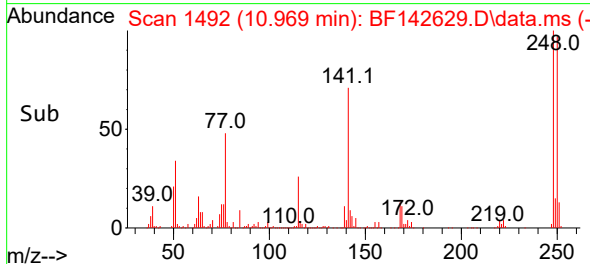
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



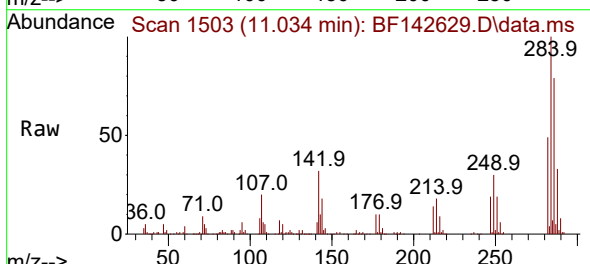
Tgt Ion:248 Resp: 177063
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 70.5 58.4 87.6

Manual Integrations
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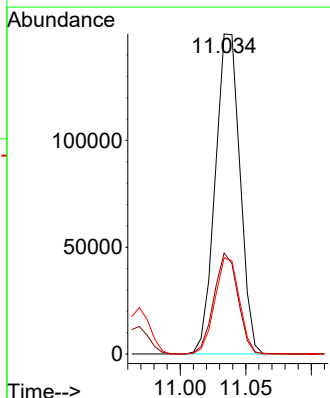
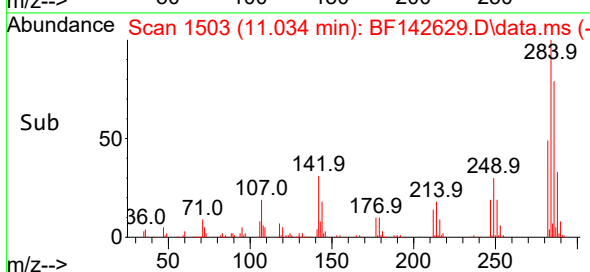
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

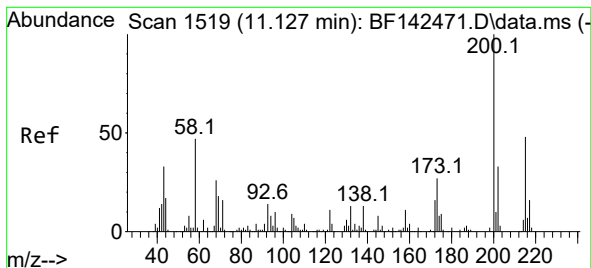


#68
Hexachlorobenzene
Concen: 46.608 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:284 Resp: 196279
Ion Ratio Lower Upper
284 100
142 31.5 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 50.560 ng

RT: 11.122 min Scan# 1519

Delta R.T. -0.005 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:200 Resp: 147925

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

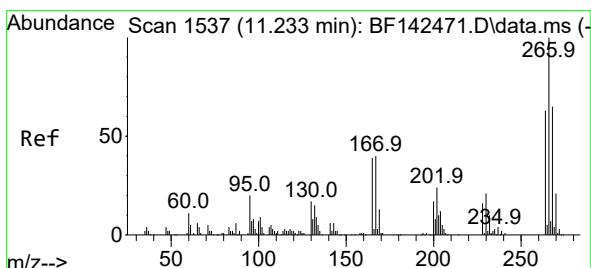
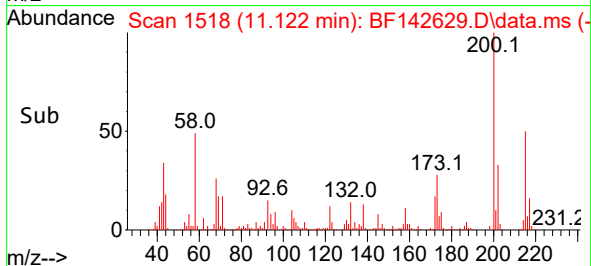
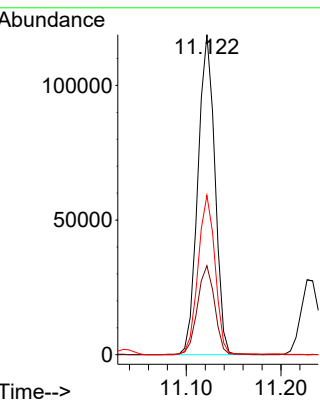
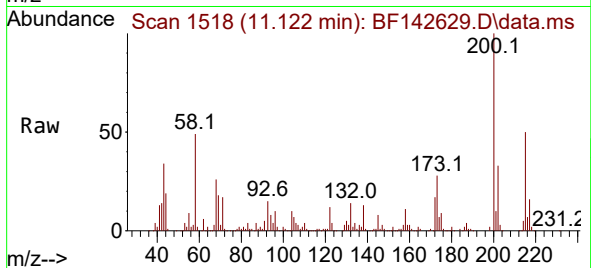
215 49.8 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#70

Pentachlorophenol

Concen: 90.586 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

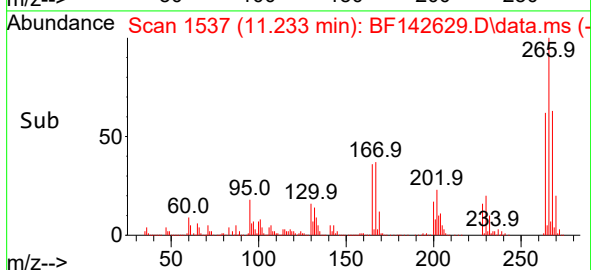
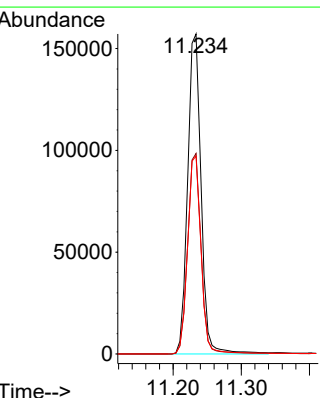
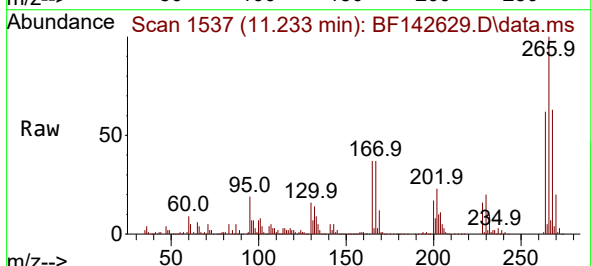
Tgt Ion:266 Resp: 215378

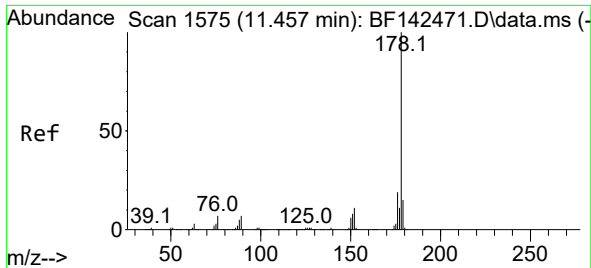
Ion Ratio Lower Upper

266 100

268 62.7 51.7 77.5

264 61.8 50.4 75.6





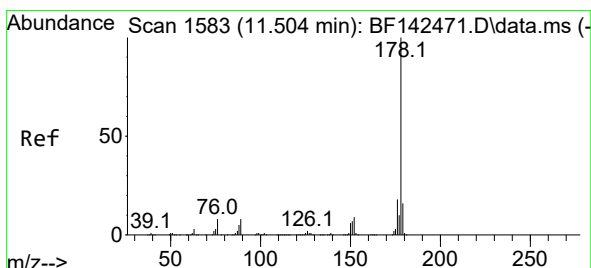
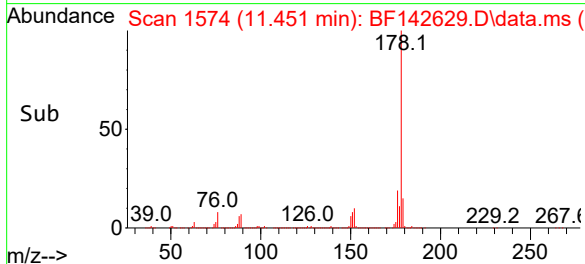
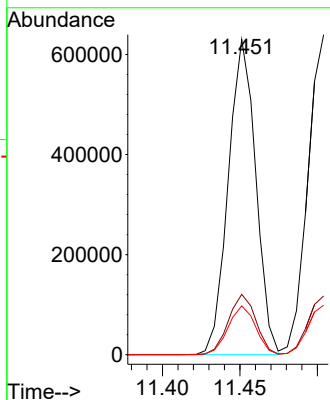
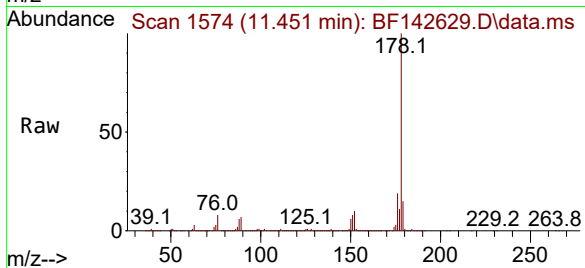
#71
Phenanthrene
Concen: 45.131 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :
BNA_F
ClientSampleId :
COMP-13MS

Tgt Ion:178 Resp: 776660
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5

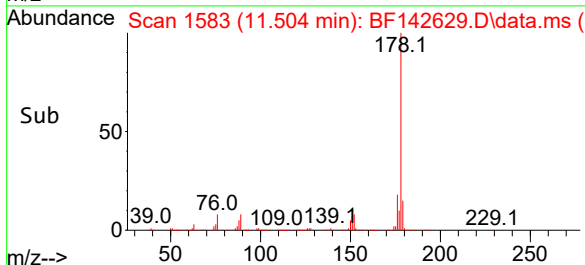
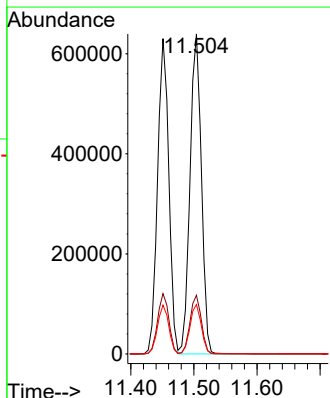
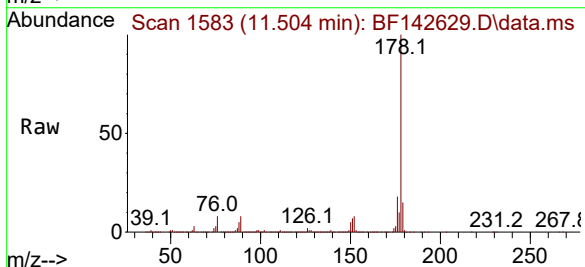
Manual Integrations
APPROVED

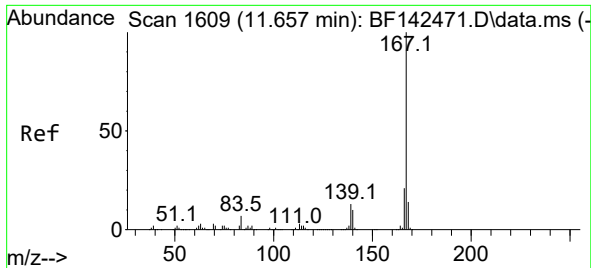
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 45.613 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

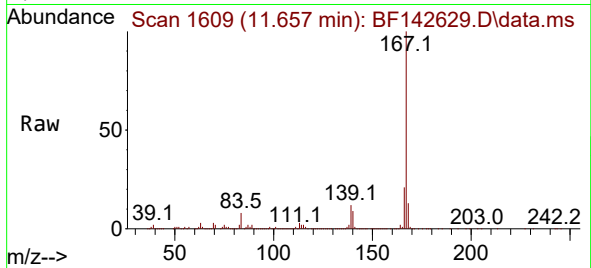
Tgt Ion:178 Resp: 801110
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 45.841 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142629.D
 Acq: 05 Jun 2025 12:38

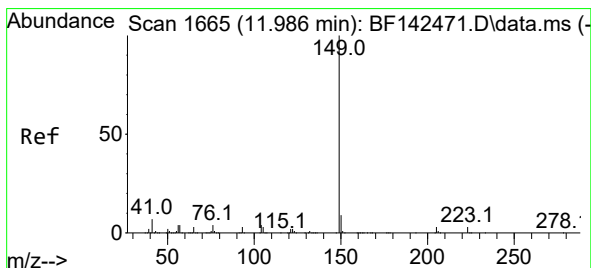
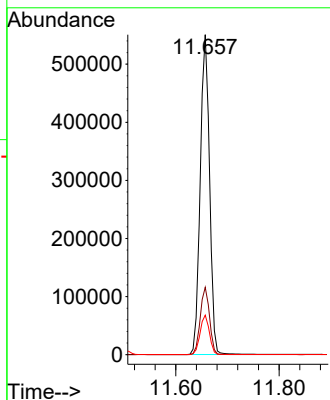
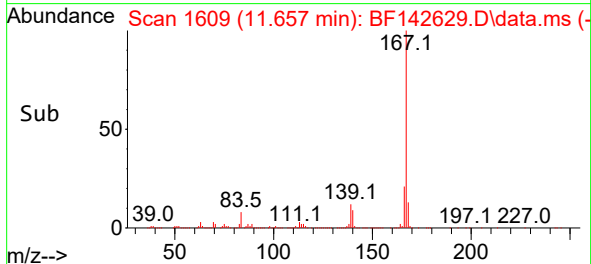
Instrument :
 BNA_F
 ClientSampleId :
 COMP-13MS



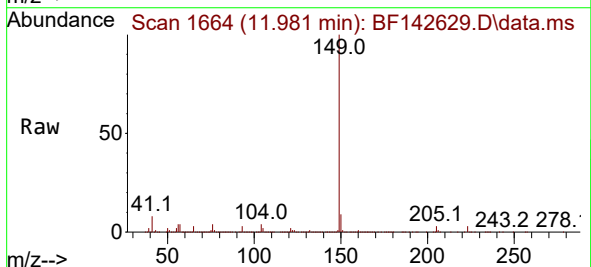
Tgt Ion:167 Resp: 688280
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.3 10.2 15.4

Manual Integrations
 APPROVED

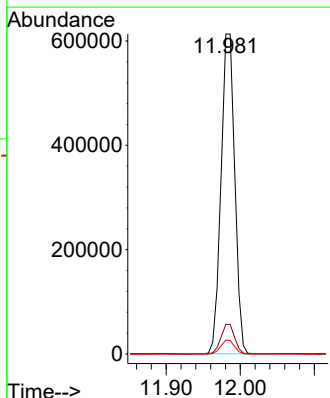
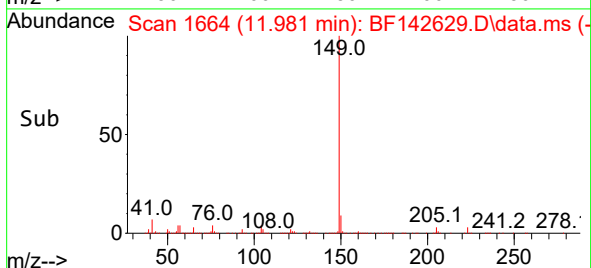
Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

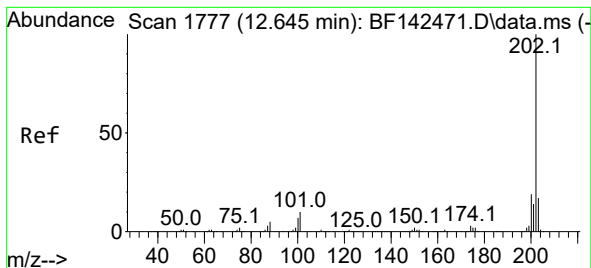


#74
 Di-n-butylphthalate
 Concen: 48.057 ng
 RT: 11.981 min Scan# 1664
 Delta R.T. -0.011 min
 Lab File: BF142629.D
 Acq: 05 Jun 2025 12:38



Tgt Ion:149 Resp: 789814
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 46.496 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF142629.D

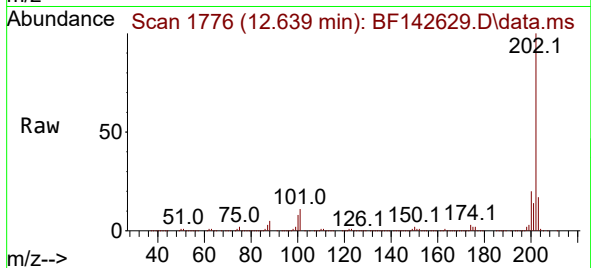
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



Tgt Ion:202 Resp: 74765

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

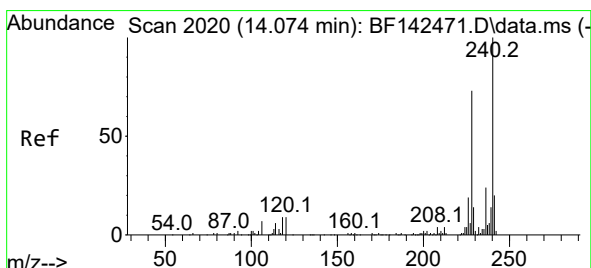
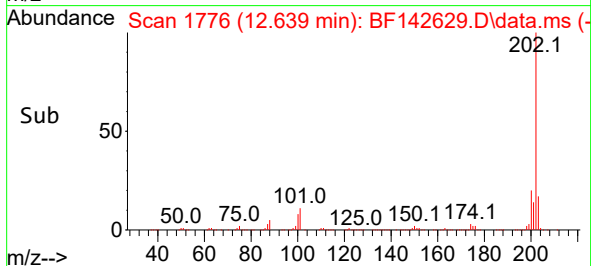
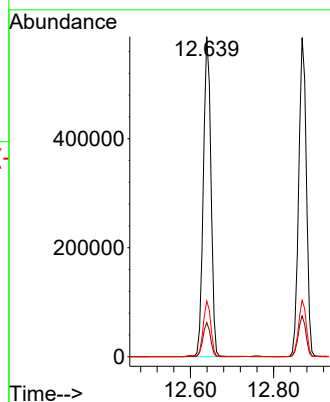
203 17.4 0.0 37.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

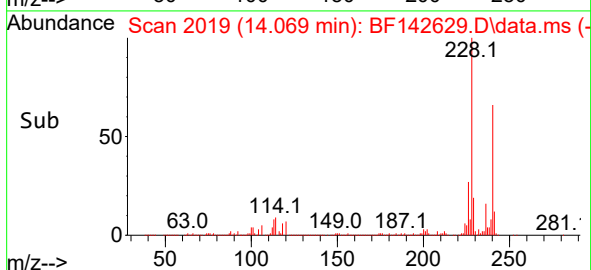
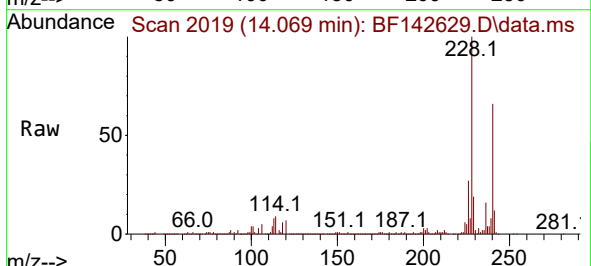
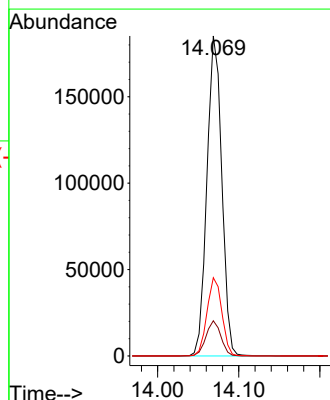
Tgt Ion:240 Resp: 234738

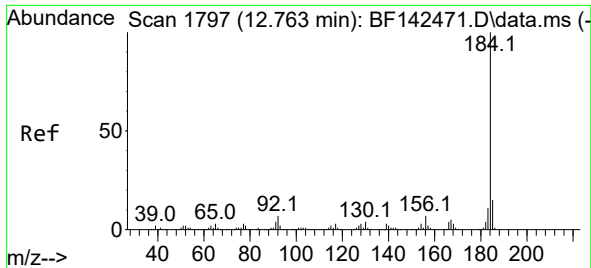
Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

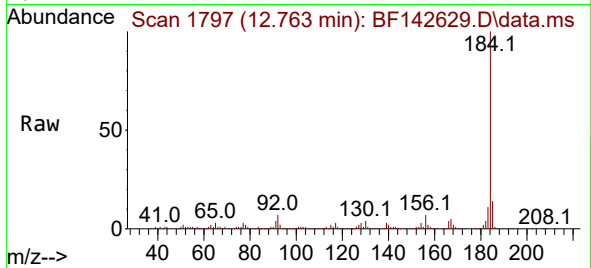
236 24.4 19.6 29.4





#77
Benzidine
Concen: 39.417 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

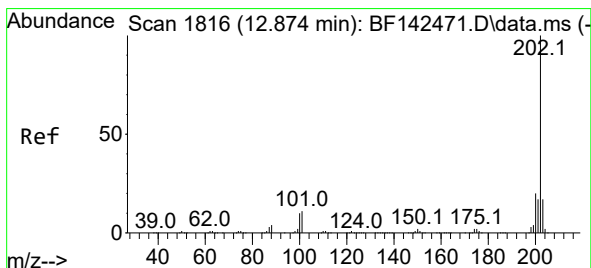
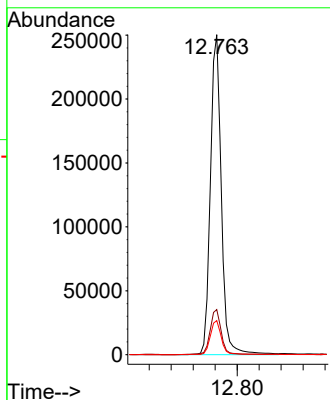
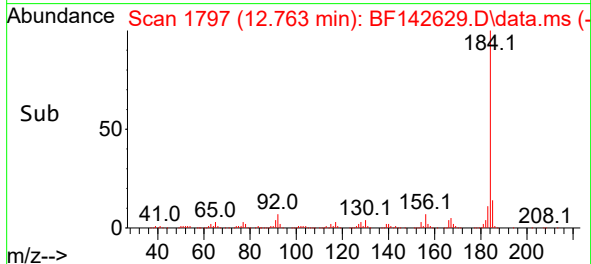
Instrument :
BNA_F
ClientSampleId :
COMP-13MS



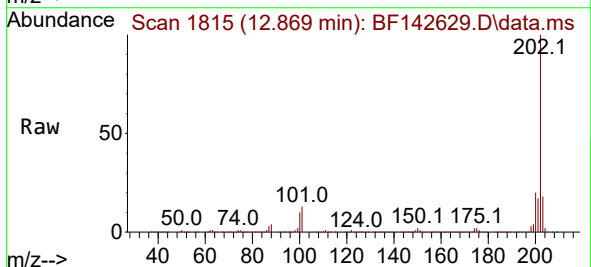
Tgt Ion:184 Resp: 344310
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.6 9.0 13.4

Manual Integrations
APPROVED

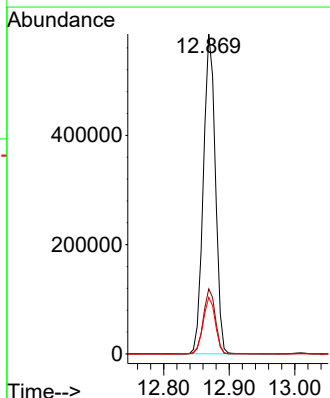
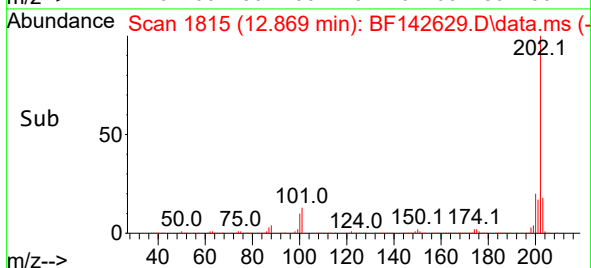
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

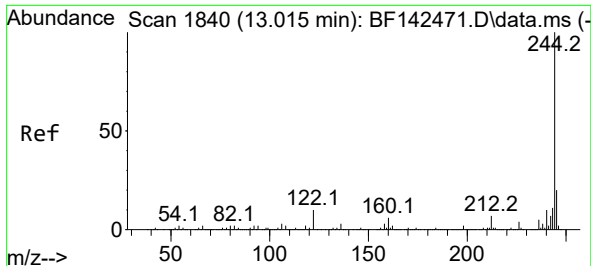


#78
Pyrene
Concen: 34.069 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:202 Resp: 746029
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 36.791 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:244 Resp: 631979

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

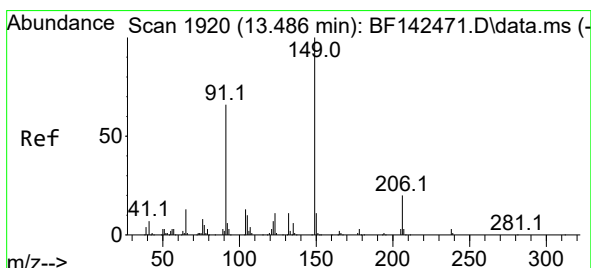
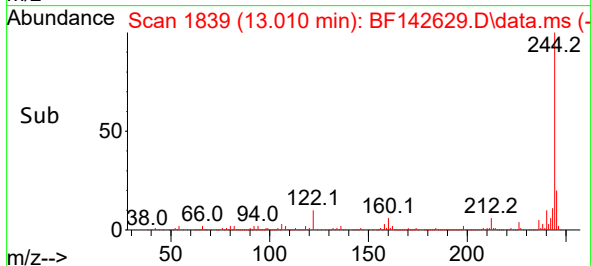
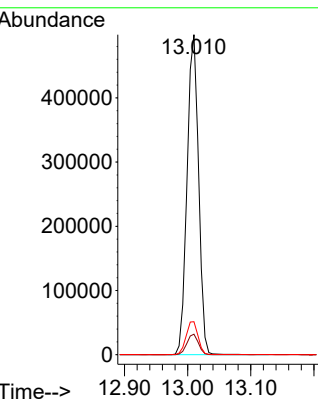
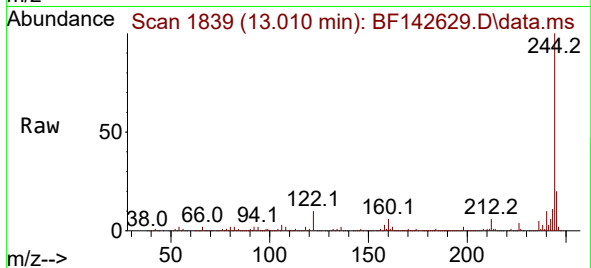
122 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#80

Butylbenzylphthalate

Concen: 49.841 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

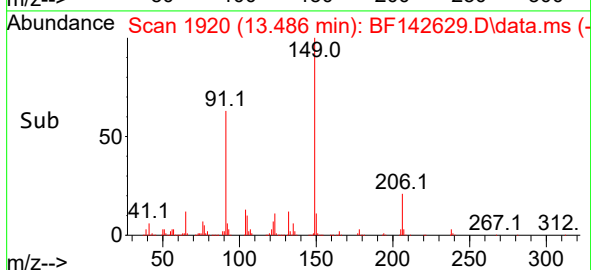
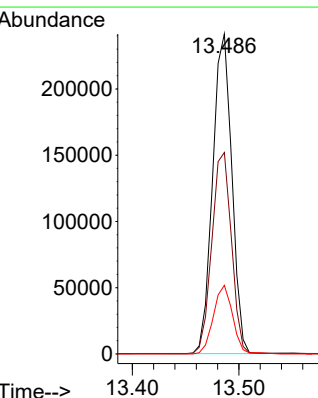
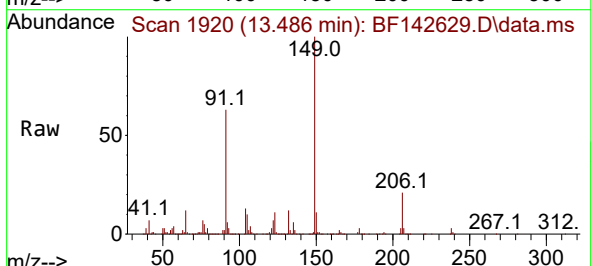
Tgt Ion:149 Resp: 301575

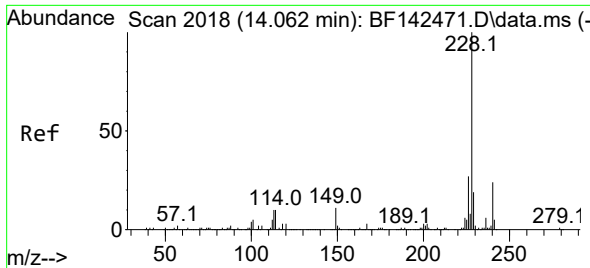
Ion Ratio Lower Upper

149 100

91 63.0 52.9 79.3

206 21.5 16.2 24.2





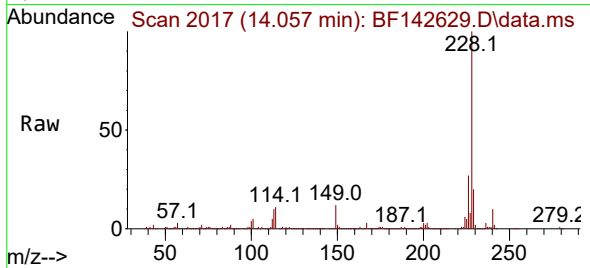
#81
Benzo(a)anthracene
Concen: 46.297 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

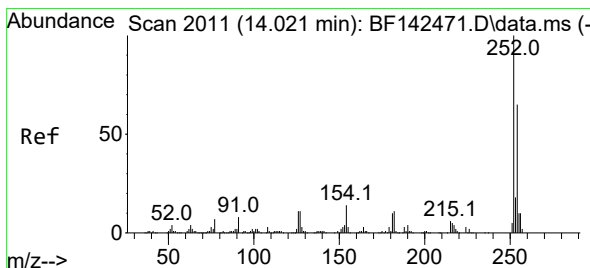
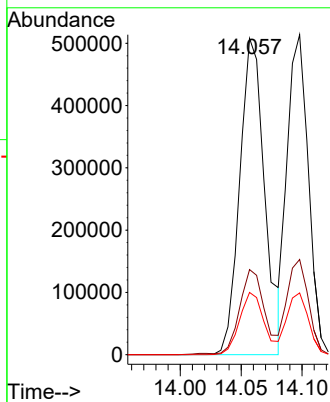
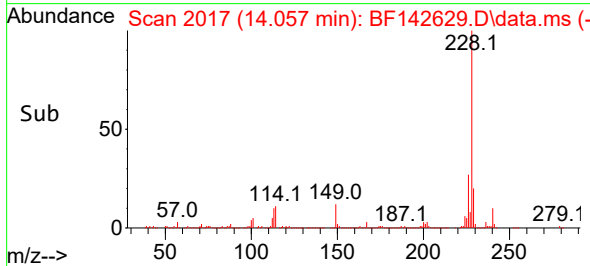


Tgt Ion:228 Resp: 725680
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.7 15.5 23.3

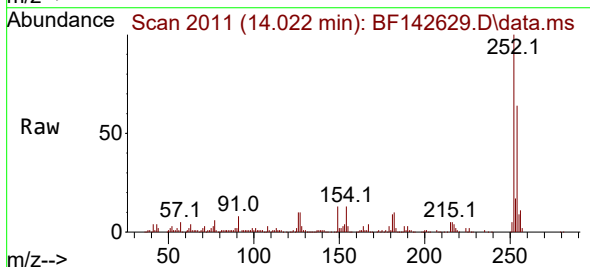
Manual Integrations

APPROVED

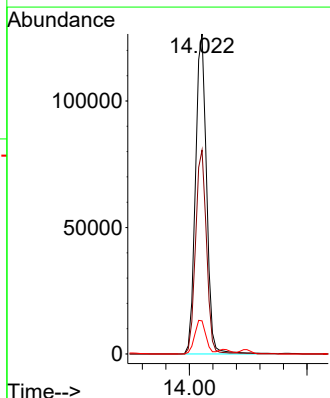
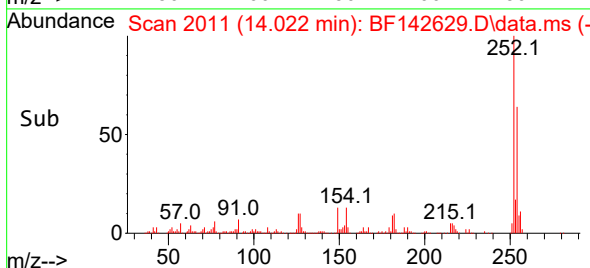
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

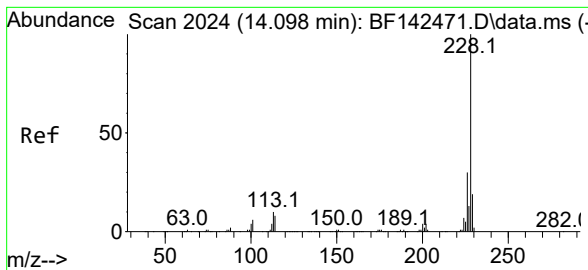


#82
3,3'-Dichlorobenzidine
Concen: 34.769 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38



Tgt Ion:252 Resp: 165303
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 10.3 8.9 13.3





#83

Chrysene

Concen: 44.266 ng

RT: 14.098 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:228 Resp: 623470

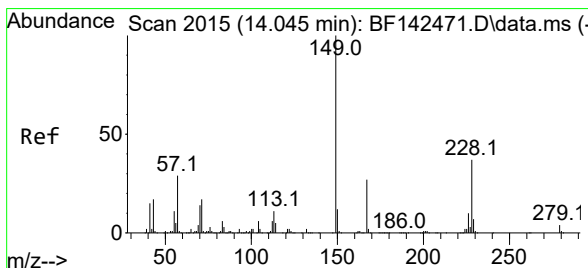
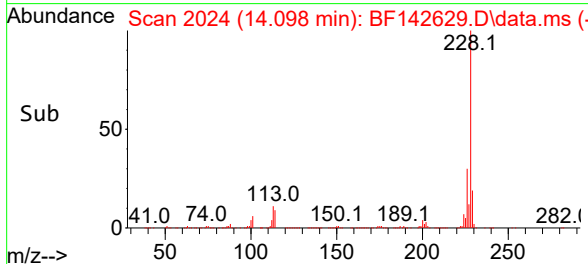
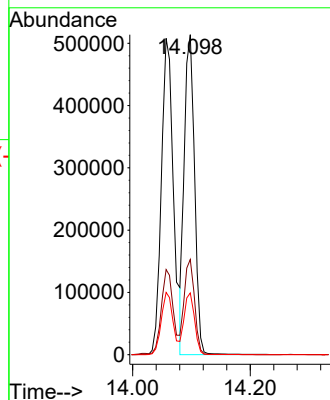
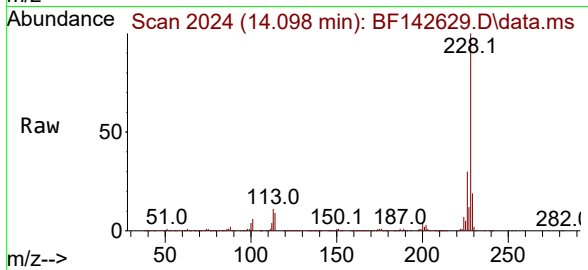
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.798 ng

RT: 14.039 min Scan# 2014

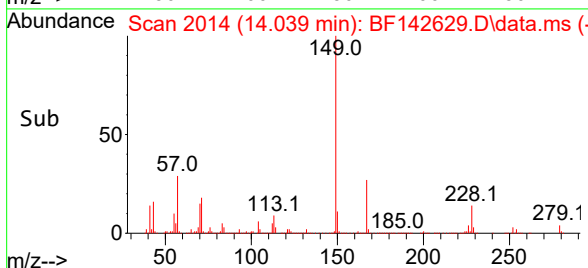
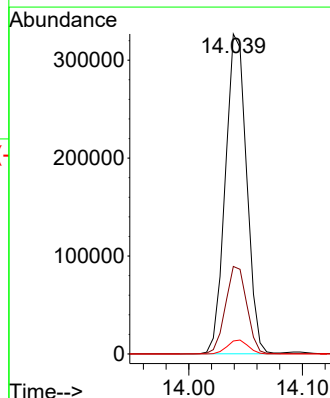
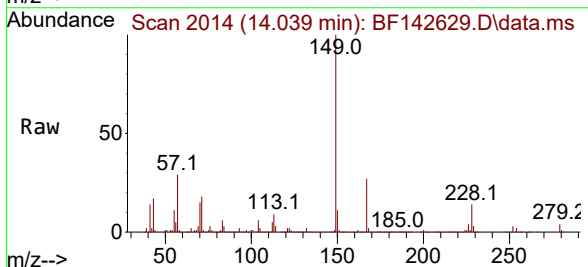
Delta R.T. -0.012 min

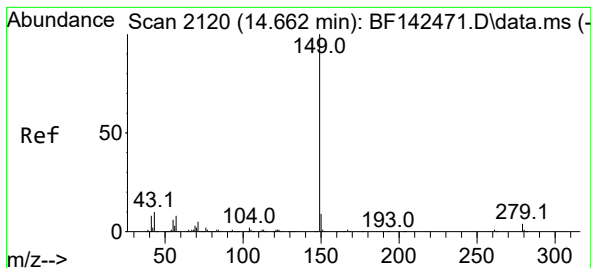
Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Tgt Ion:149 Resp: 424459

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.0	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 49.884 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.011 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS

Tgt Ion:149 Resp: 75551

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

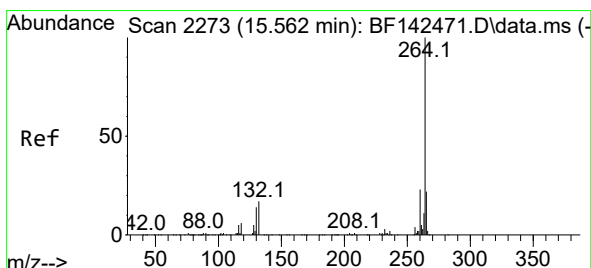
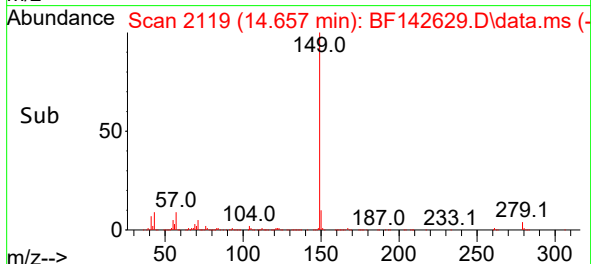
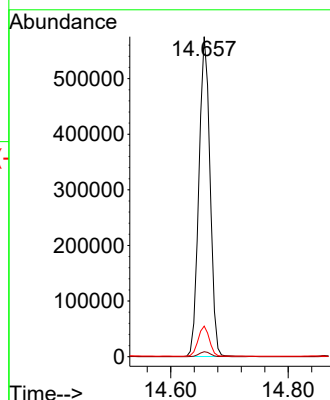
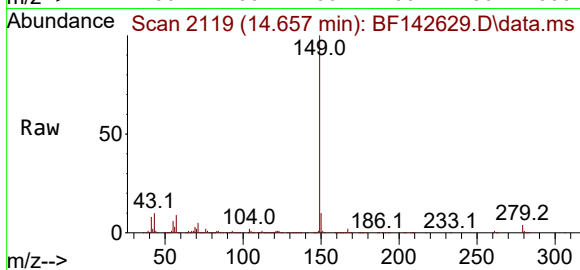
43 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

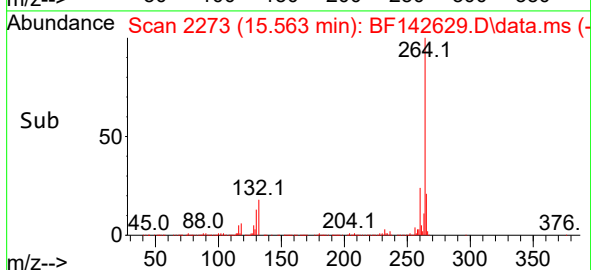
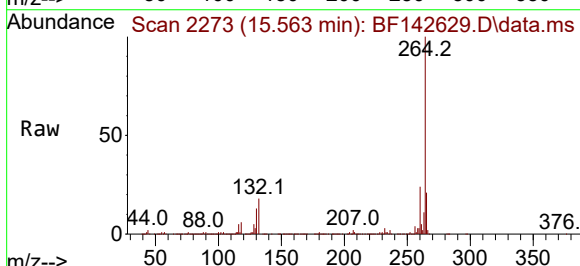
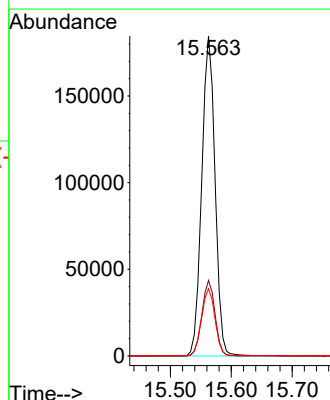
Tgt Ion:264 Resp: 279656

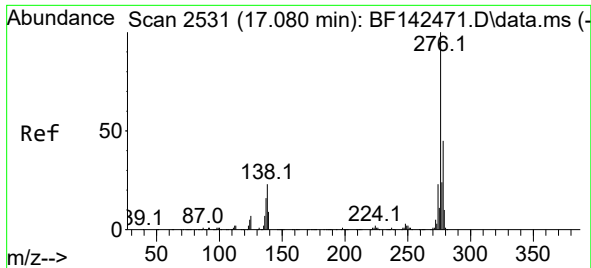
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.0 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.052 ng
RT: 17.086 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

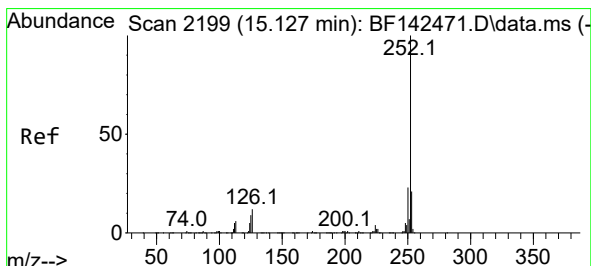
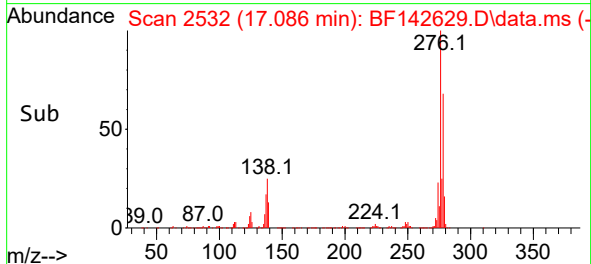
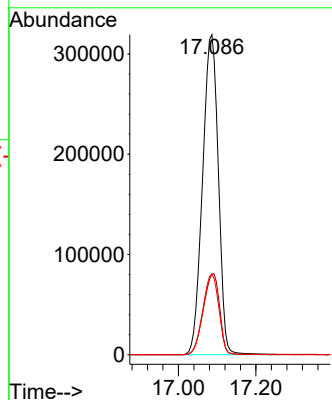
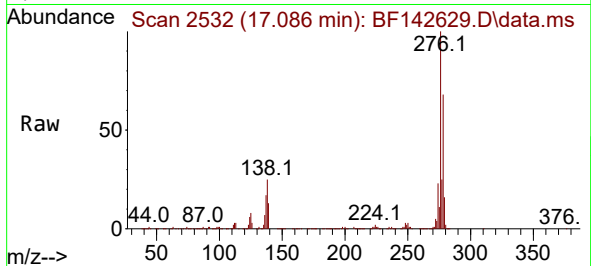
COMP-13MS

Tgt Ion:276 Resp: 903860
Ion Ratio Lower Upper
276 100
138 26.0 19.9 29.9
277 25.6 20.2 30.2

Manual Integrations

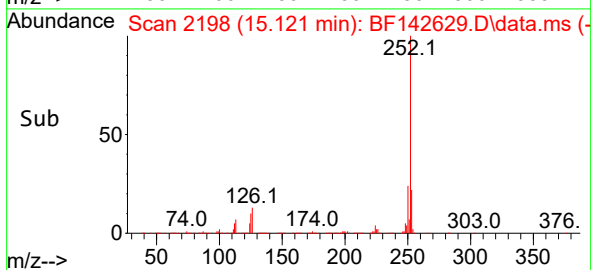
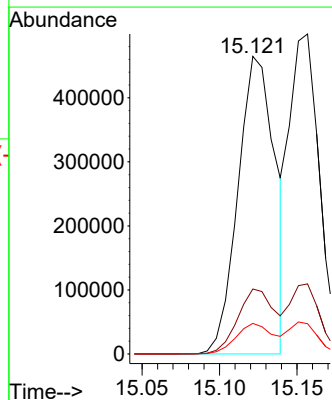
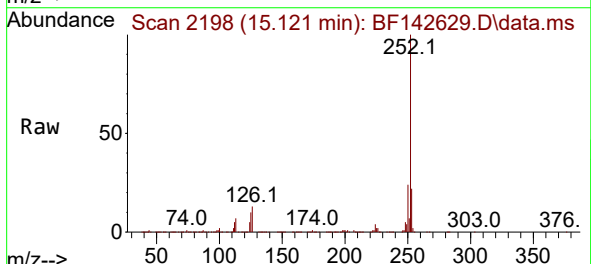
APPROVED

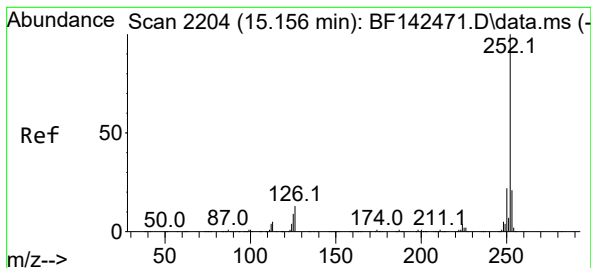
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#88
Benzo(b)fluoranthene
Concen: 46.729 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:252 Resp: 773424
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.465 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142629.D

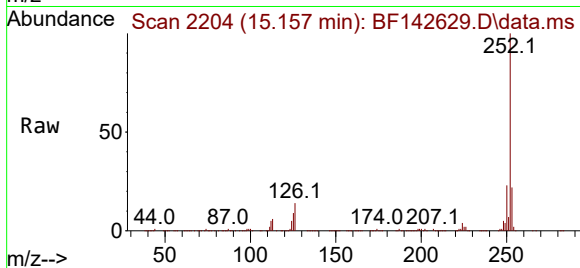
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

ClientSampleId :

COMP-13MS



Tgt Ion:252 Resp: 673810

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

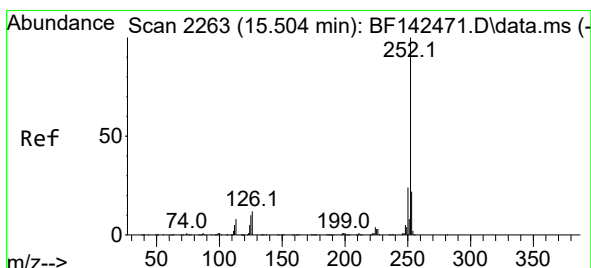
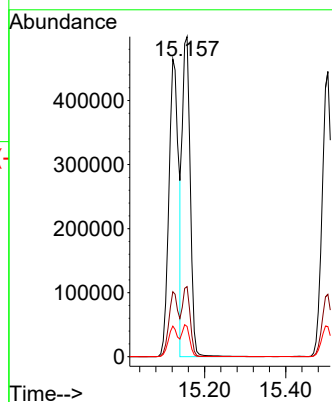
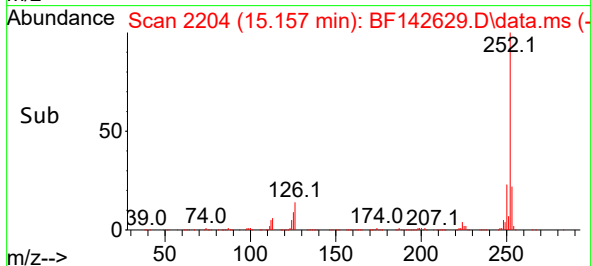
125 9.4 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#90

Benzo(a)pyrene

Concen: 45.746 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142629.D

Acq: 05 Jun 2025 12:38

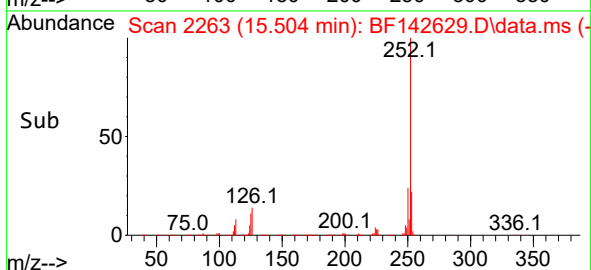
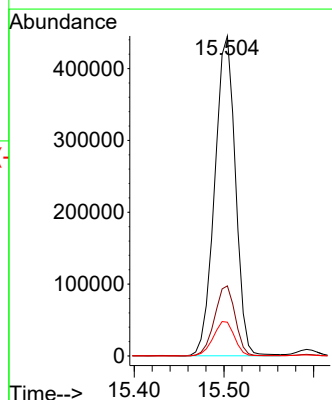
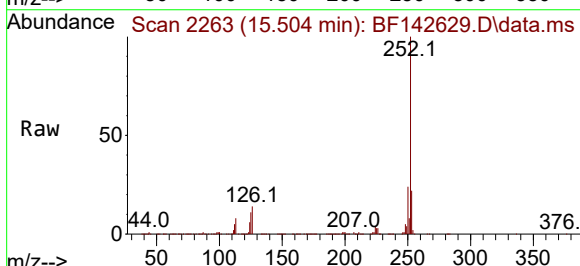
Tgt Ion:252 Resp: 713699

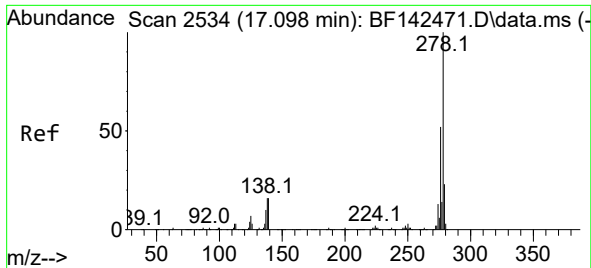
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.5 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 43.194 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Instrument :

BNA_F

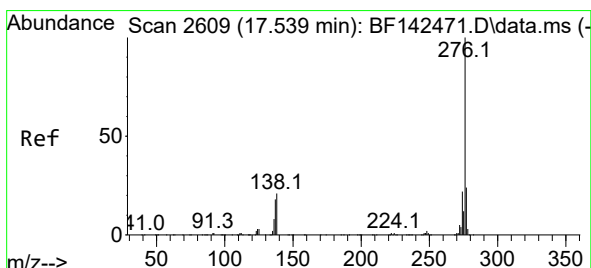
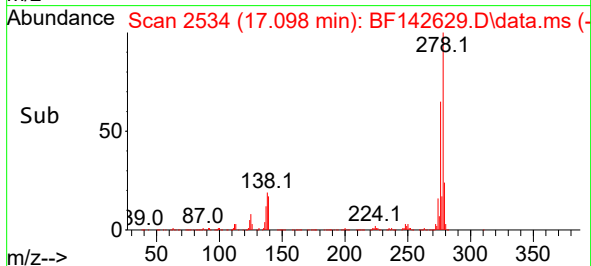
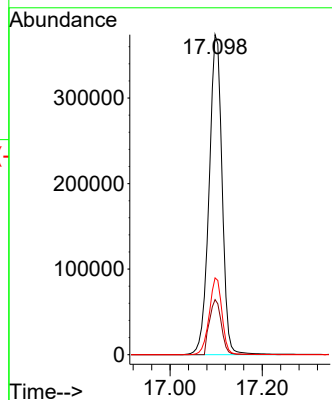
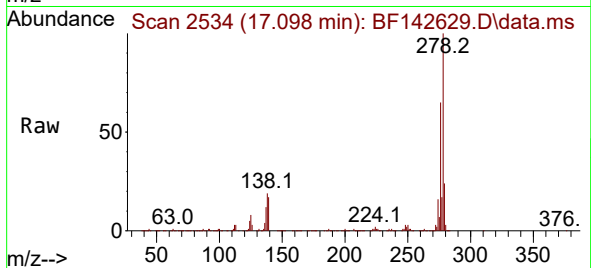
ClientSampleId :

COMP-13MS

Tgt Ion:278 Resp: 735502
Ion Ratio Lower Upper
278 100
139 17.2 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 42.911 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.011 min
Lab File: BF142629.D
Acq: 05 Jun 2025 12:38

Tgt Ion:276 Resp: 730836
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 21.6 16.8 25.2

