

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142270.D
 Acq On : 01 May 2025 19:52
 Operator : RC/JU
 Sample : Q1901-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

05/02/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: May 02 01:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204570	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	762454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	351872	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	496148	20.000	ng	0.00
76) Chrysene-d12	14.069	240	429879	20.000	ng	0.00
86) Perylene-d12	15.557	264	473333	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1098118	85.729	ng	0.00
7) Phenol-d6	6.528	99	1349184	87.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	776525	66.910	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286287	89.247	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1541618	61.773	ng	0.00
79) Terphenyl-d14	13.016	244	1244500	42.105	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	213600	37.338	ng	98
3) Pyridine	3.516	79	586468	39.445	ng	99
4) n-Nitrosodimethylamine	3.463	42	336346	43.715	ng	99
6) Aniline	6.569	93	640860	29.271	ng	99
8) 2-Chlorophenol	6.687	128	576726	43.572	ng	98
9) Benzaldehyde	6.457	77	286273	26.480	ng	99
10) Phenol	6.540	94	699472m	42.004	ng	
11) bis(2-Chloroethyl)ether	6.640	93	555314	43.034	ng	99
12) 1,3-Dichlorobenzene	6.851	146	628881	41.999	ng	99
13) 1,4-Dichlorobenzene	6.928	146	637600	42.264	ng	99
14) 1,2-Dichlorobenzene	7.075	146	614756	42.685	ng	99
15) Benzyl Alcohol	7.045	79	471490	42.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1026846	44.067	ng	99
17) 2-Methylphenol	7.151	107	446076	41.139	ng	99
18) Hexachloroethane	7.422	117	224222	45.411	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	396481	41.480	ng	98
20) 3+4-Methylphenols	7.304	107	559745	41.280	ng	# 90
22) Acetophenone	7.316	105	751886	42.626	ng	# 97
24) Nitrobenzene	7.487	77	567935	49.874	ng	100
25) Isophorone	7.728	82	1049987	43.109	ng	99
26) 2-Nitrophenol	7.804	139	270273	54.552	ng	98
27) 2,4-Dimethylphenol	7.834	122	530664	43.212	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	677074	44.077	ng	99
29) 2,4-Dichlorophenol	8.040	162	450996	43.927	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	505370	44.110	ng	100
31) Naphthalene	8.210	128	1631154	42.898	ng	100
32) Benzoic acid	7.934	122	285536	48.669	ng	99
33) 4-Chloroaniline	8.251	127	188949	11.933	ng	99
34) Hexachlorobutadiene	8.328	225	308153	46.100	ng	99
35) Caprolactam	8.616	113	124087m	40.210	ng	
36) 4-Chloro-3-methylphenol	8.728	107	428130	40.609	ng	98
37) 2-Methylnaphthalene	8.898	142	977255	41.802	ng	99
38) 1-Methylnaphthalene	8.998	142	999740	41.279	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	471907	47.654	ng	99
41) Hexachlorocyclopentadiene	9.057	237	554087	98.586	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	305921	49.853	ng	99

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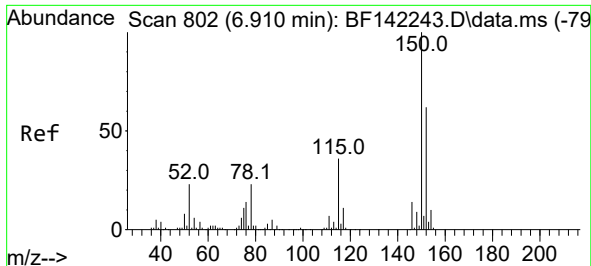
Reviewed By :Rahul
 Chavli

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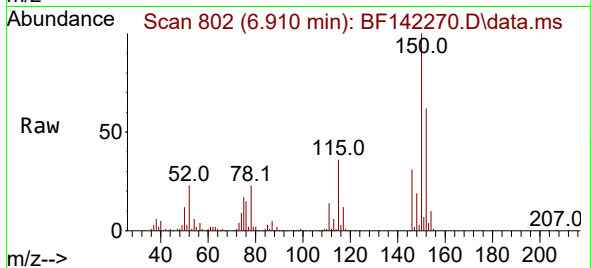
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	297440	46.102	ng	99
46) 1,1'-Biphenyl	9.363	154	1272788	46.529	ng	99
47) 2-Chloronaphthalene	9.392	162	925740	45.486	ng	99
48) 2-Nitroaniline	9.481	65	252309	47.110	ng	98
49) Acenaphthylene	9.804	152	1503902	43.790	ng	100
50) Dimethylphthalate	9.663	163	1015217	45.099	ng	100
51) 2,6-Dinitrotoluene	9.722	165	204319	47.378	ng	98
52) Acenaphthene	9.981	154	931022	46.429	ng	98
53) 3-Nitroaniline	9.886	138	121932	24.861	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	131189	84.371	ng	# 41
55) Dibenzofuran	10.151	168	1290218	42.922	ng	99
56) 4-Nitrophenol	10.039	139	316946	89.575	ng	99
57) 2,4-Dinitrotoluene	10.122	165	249724	47.801	ng	99
58) Fluorene	10.492	166	945333	41.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	232642	43.531	ng	99
60) Diethylphthalate	10.363	149	980867	44.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	467320	43.054	ng	97
62) 4-Nitroaniline	10.504	138	182663	38.819	ng	95
63) Azobenzene	10.645	77	1027831	46.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	85960	51.580	ng	96
66) n-Nitrosodiphenylamine	10.604	169	816949	48.191	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	278827	50.462	ng	99
68) Hexachlorobenzene	11.039	284	292279	47.230	ng	99
69) Atrazine	11.128	200	232637	52.062	ng	99
70) Pentachlorophenol	11.228	266	317591	97.144	ng	98
71) Phenanthrene	11.457	178	1239899	46.265	ng	100
72) Anthracene	11.504	178	1211937	44.230	ng	99
73) Carbazole	11.657	167	1076493	43.067	ng	99
74) Di-n-butylphthalate	11.992	149	1373313	54.629	ng	100
75) Fluoranthene	12.645	202	1282408	48.407	ng	99
77) Benzidine	12.763	184	472493	25.867	ng	99
78) Pyrene	12.869	202	1332351	33.599	ng	99
80) Butylbenzylphthalate	13.492	149	544307	50.031	ng	99
81) Benzo(a)anthracene	14.063	228	1310994	45.428	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	285891	33.727	ng	99
83) Chrysene	14.098	228	1182323	45.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	774590	51.320	ng	100
85) Di-n-octyl phthalate	14.669	149	1467740	52.643	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1135807	32.760	ng	99
88) Benzo(b)fluoranthene	15.121	252	1429910	48.634	ng	100
89) Benzo(k)fluoranthene	15.157	252	1218152	45.297	ng	99
90) Benzo(a)pyrene	15.498	252	1262185	46.890	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	932712	33.147	ng	99
92) Benzo(g,h,i)perylene	17.521	276	856464	30.277	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



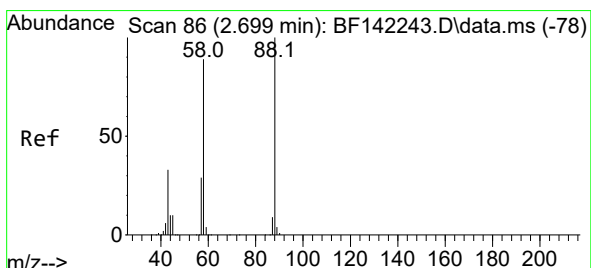
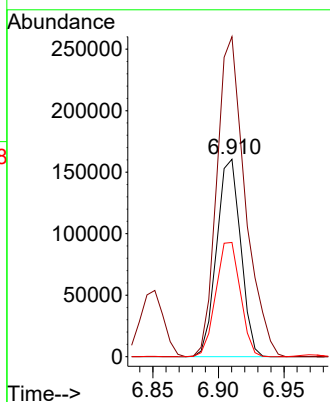
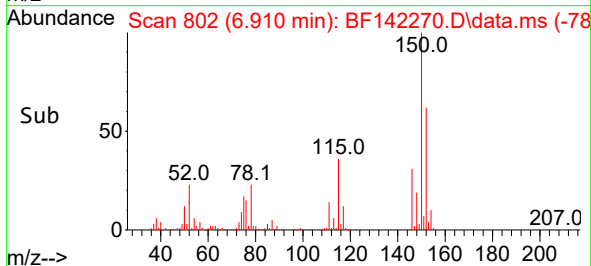
Tgt Ion:152 Resp: 204570
Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.2
115 57.9 47.0 70.4

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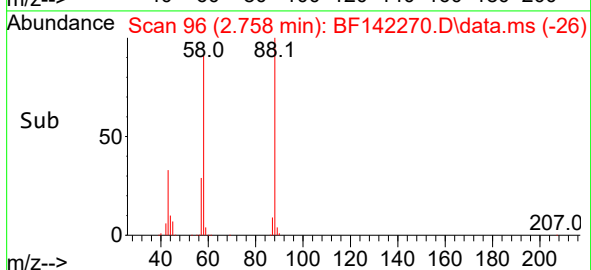
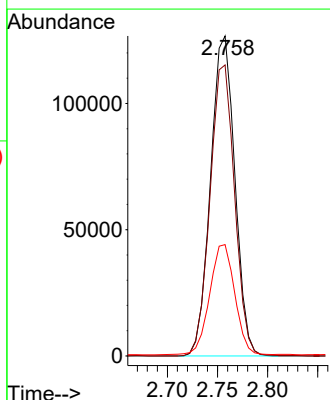
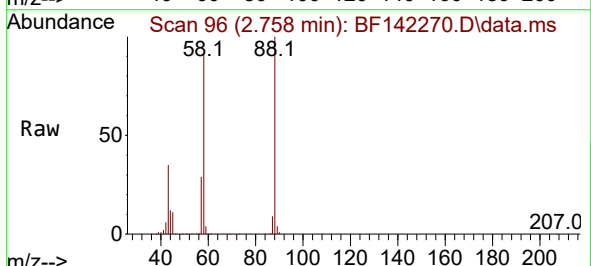
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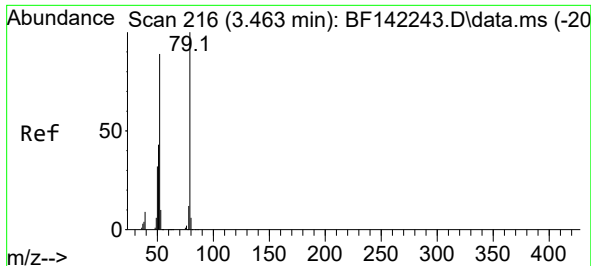
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#2
1,4-Dioxane
Concen: 37.338 ng
RT: 2.758 min Scan# 96
Delta R.T. 0.059 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

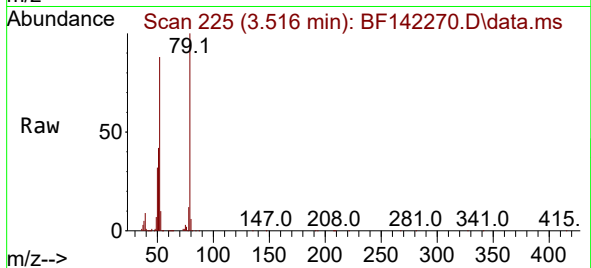
Tgt Ion: 88 Resp: 213600
Ion Ratio Lower Upper
88 100
58 92.2 72.2 108.2
43 35.6 27.0 40.6





#3
Pyridine
Concen: 39.445 ng
RT: 3.516 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



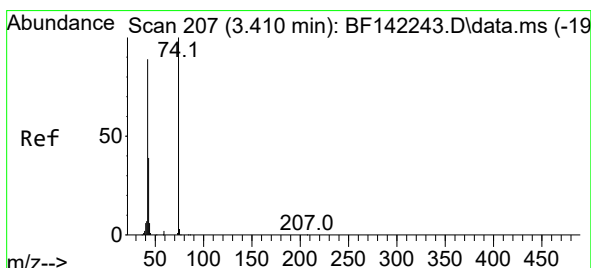
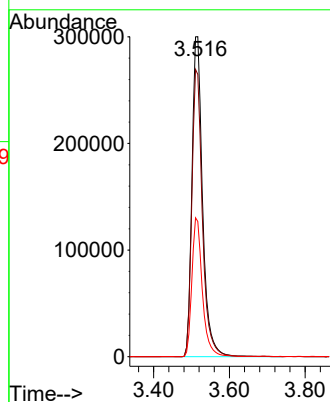
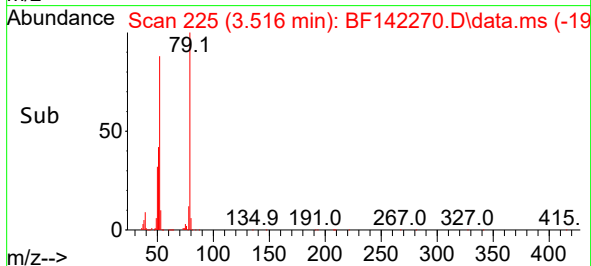
Tgt Ion: 79 Resp: 586468
Ion Ratio Lower Upper
79 100
52 88.2 71.5 107.3
51 42.3 34.5 51.7

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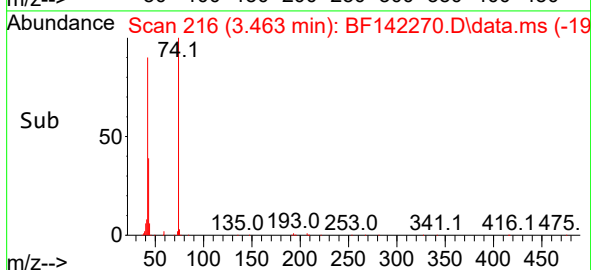
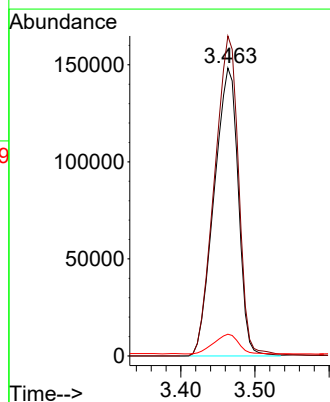
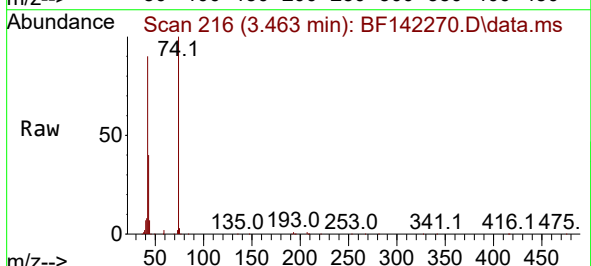
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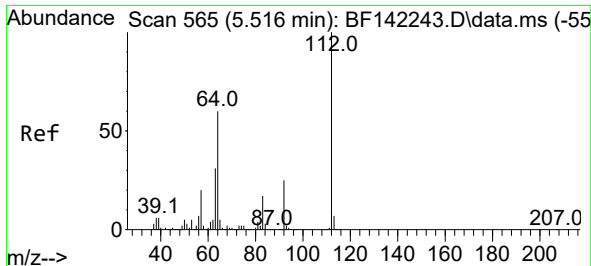
05/02/2025



#4
n-Nitrosodimethylamine
Concen: 43.715 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

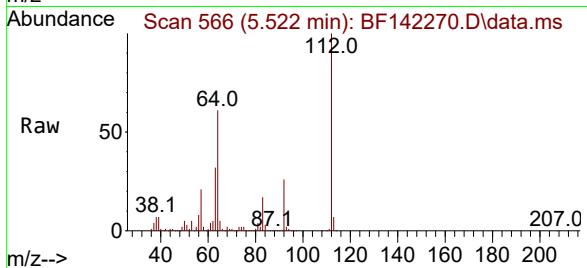
Tgt Ion: 42 Resp: 336346
Ion Ratio Lower Upper
42 100
74 111.1 89.5 134.3
44 7.6 6.6 9.8





#5
2-Fluorophenol
Concen: 85.729 ng
RT: 5.522 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



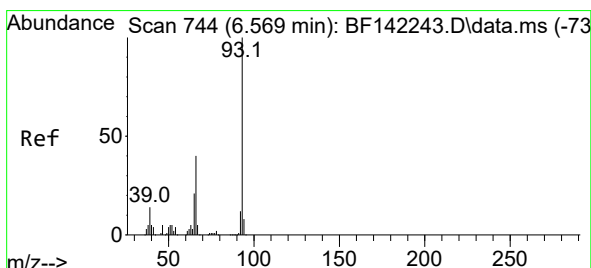
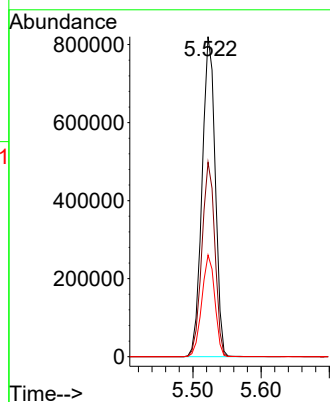
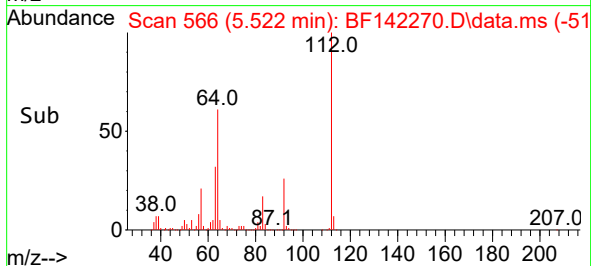
Tgt Ion: 112 Resp: 1098118
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.7 24.8 37.2

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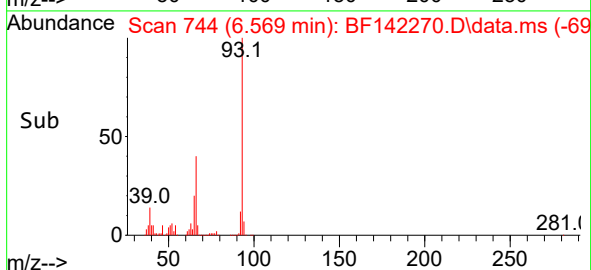
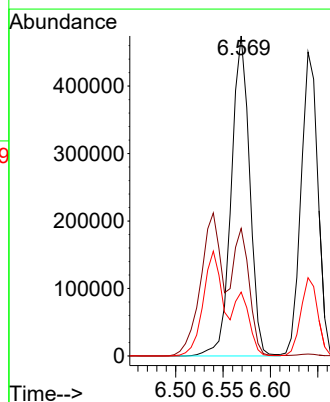
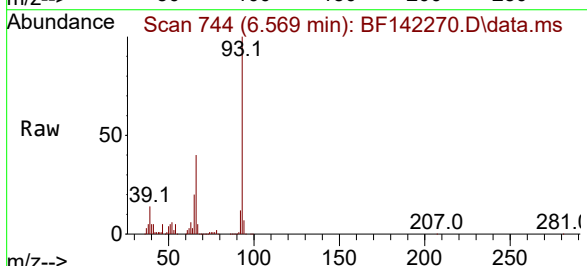
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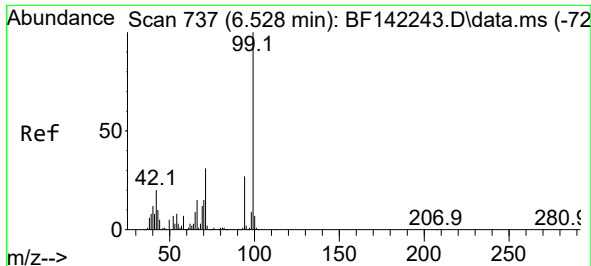
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#6
Aniline
Concen: 29.271 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

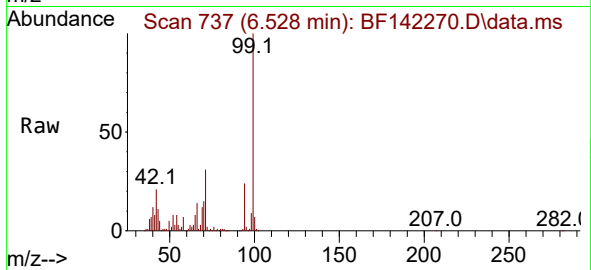
Tgt Ion: 93 Resp: 640860
Ion Ratio Lower Upper
93 100
66 39.9 32.1 48.1
65 20.0 16.6 24.8





#7
Phenol-d6
Concen: 87.225 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
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ClientSampleId :
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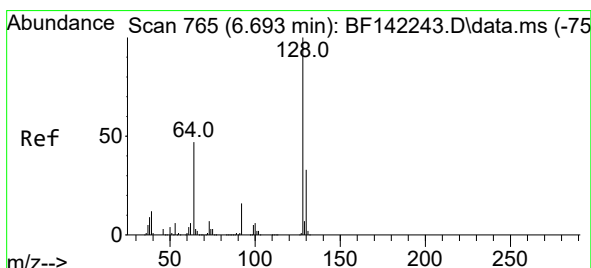
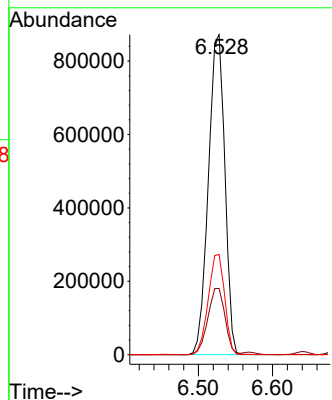
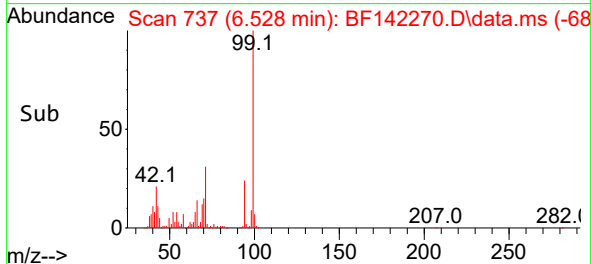
Tgt Ion: 99 Resp: 1349184
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 31.3 25.0 37.4

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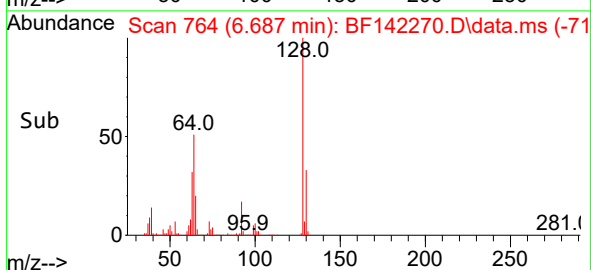
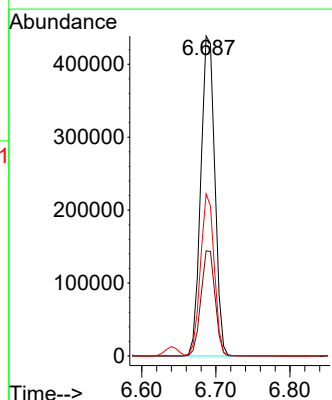
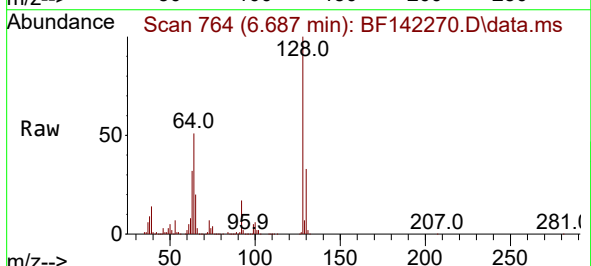
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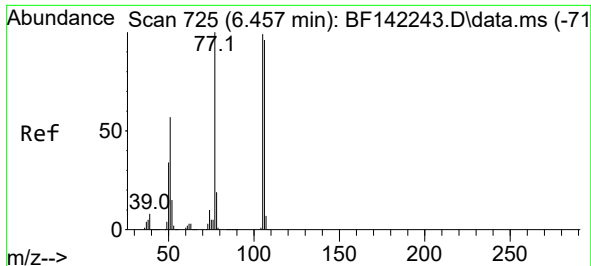
05/02/2025



#8
2-Chlorophenol
Concen: 43.572 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

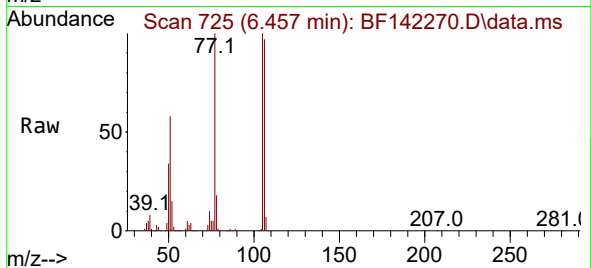
Tgt Ion:128 Resp: 576726
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 50.7 28.6 68.6





#9
Benzaldehyde
Concen: 26.480 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



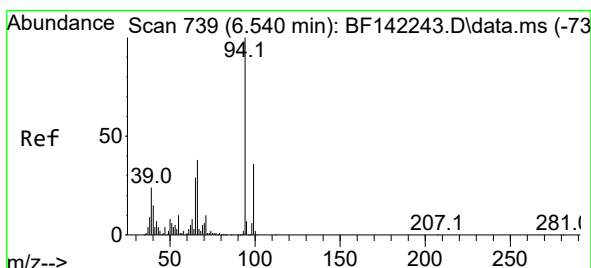
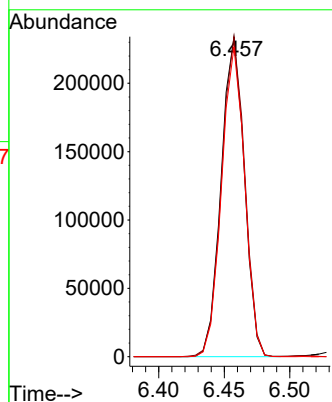
Tgt Ion: 77 Resp: 28627
Ion Ratio Lower Upper
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105 100.2 79.1 119.1
106 96.9 76.0 116.0

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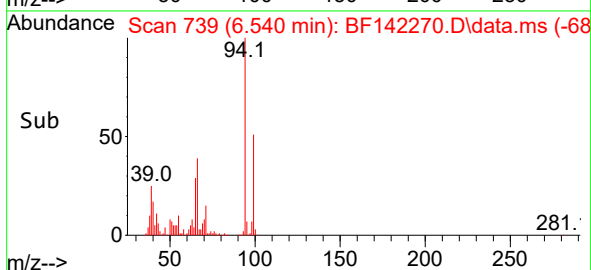
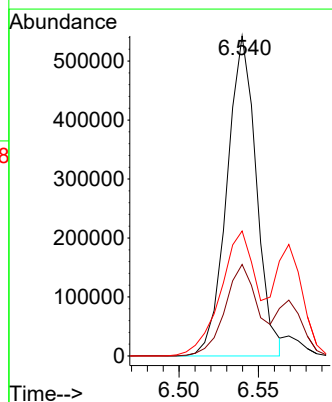
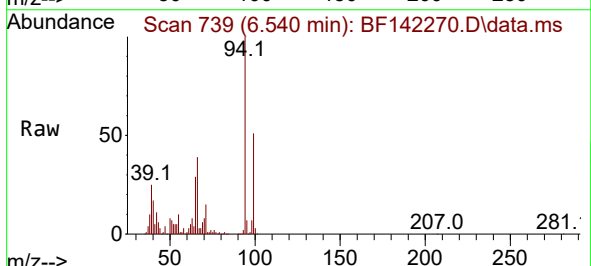
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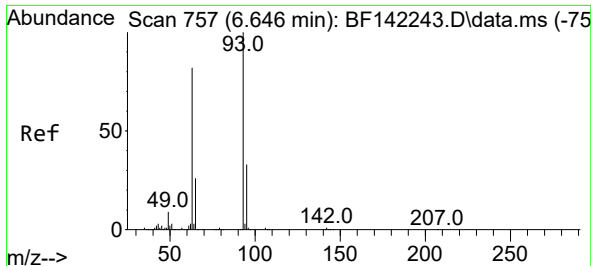
05/02/2025



#10
Phenol
Concen: 42.004 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

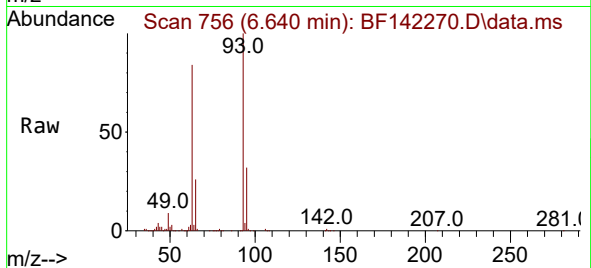
Tgt Ion: 94 Resp: 699472
Ion Ratio Lower Upper
94 100
65 28.6 8.9 48.9
66 39.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 43.034 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



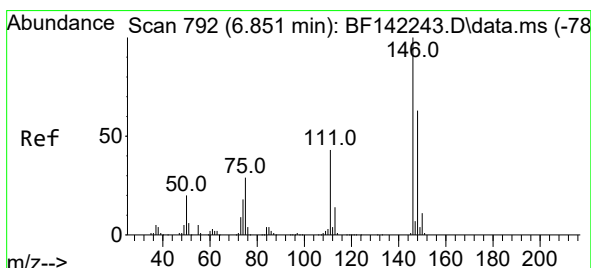
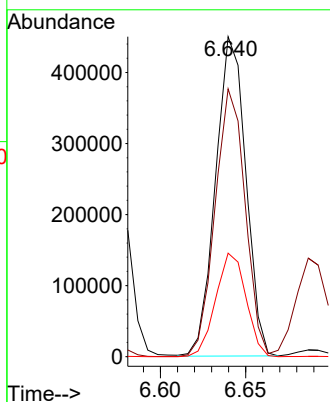
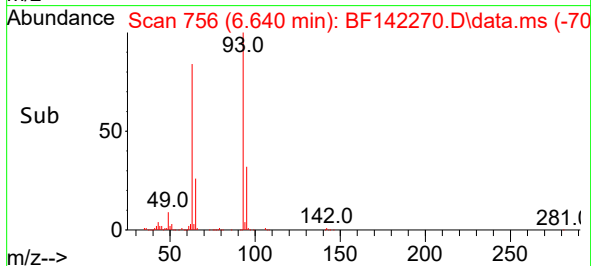
Tgt Ion: 93 Resp: 555314
Ion Ratio Lower Upper
93 100
63 83.7 62.2 102.2
95 32.3 12.7 52.7

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Reviewed By :Rahul
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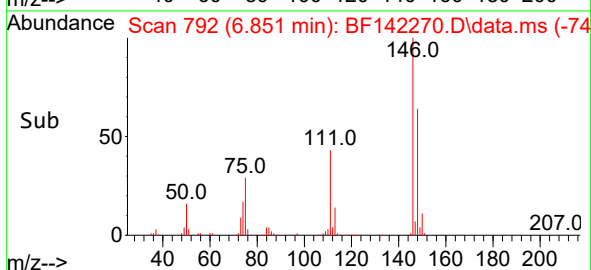
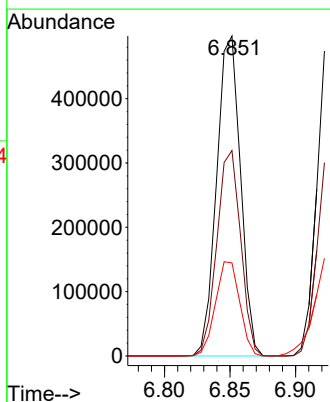
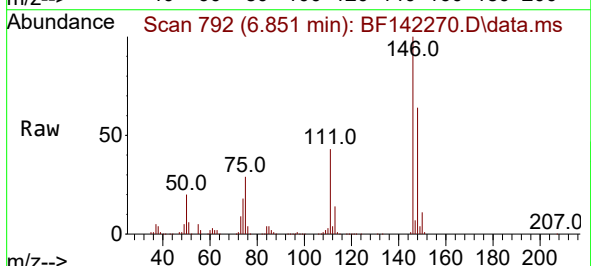
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Supervised By :Jagrut
Upadhyay

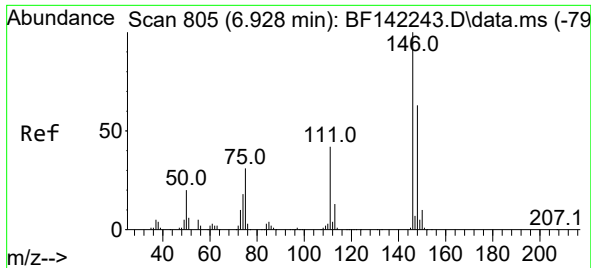
05/02/2025



#12
1,3-Dichlorobenzene
Concen: 41.999 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

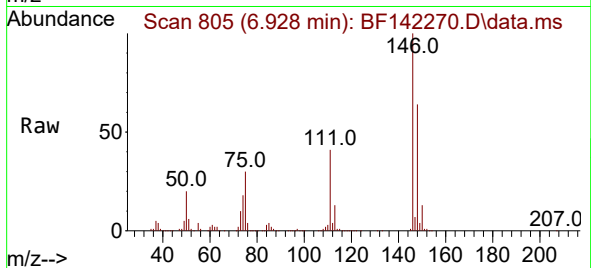
Tgt Ion:146 Resp: 628881
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 29.1 23.2 34.8





#13
1,4-Dichlorobenzene
Concen: 42.264 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



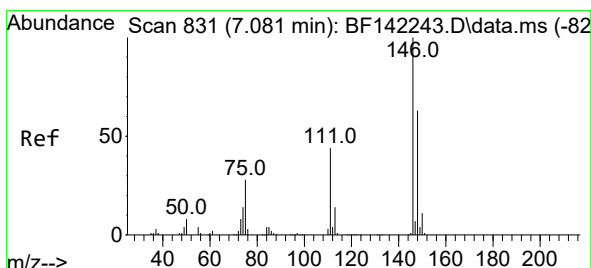
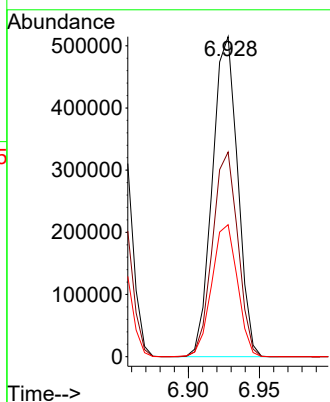
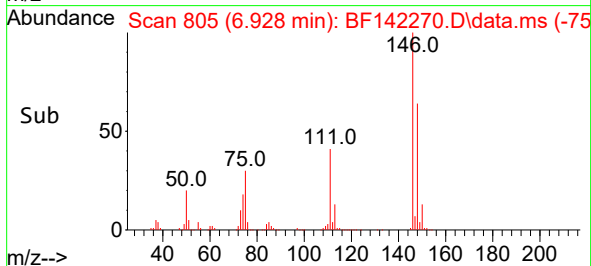
Tgt Ion:146 Resp: 637600
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 41.3 33.4 50.0

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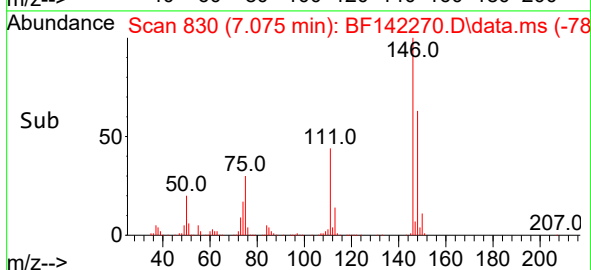
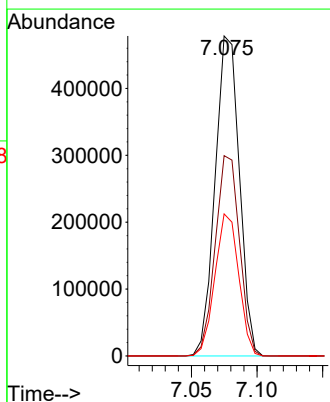
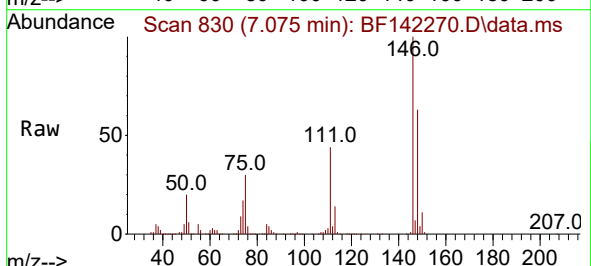
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Supervised By :Jagrut
Upadhyay

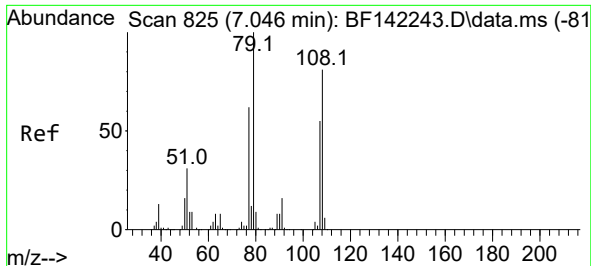
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#14
1,2-Dichlorobenzene
Concen: 42.685 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:146 Resp: 614756
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
111 44.4 34.9 52.3





#15

Benzyl Alcohol

Concen: 42.978 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 79 Resp: 471490

Ion	Ratio	Lower	Upper
79	100		
108	80.9	64.5	96.7
77	62.0	49.2	73.8

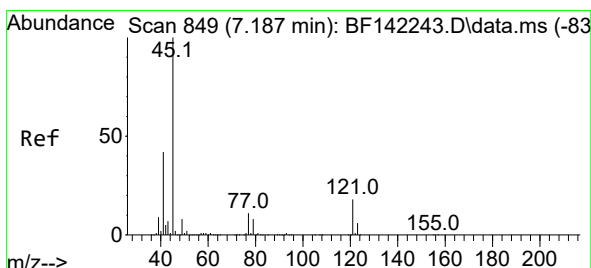
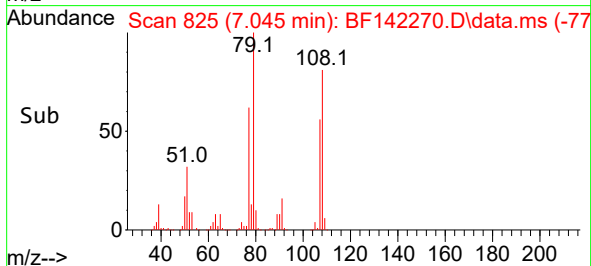
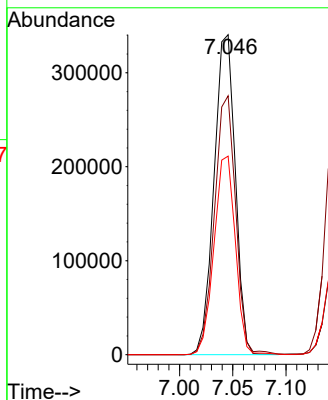
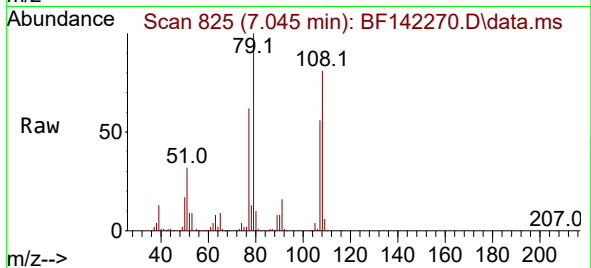
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Reviewed By :Rahul
Chavli

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Supervised By :Jagrut
Upadhyay

05/02/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.067 ng

RT: 7.181 min Scan# 848

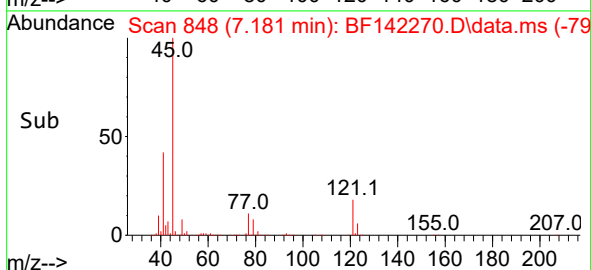
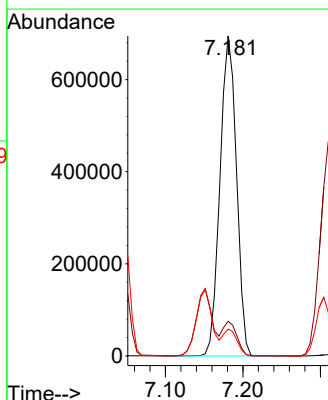
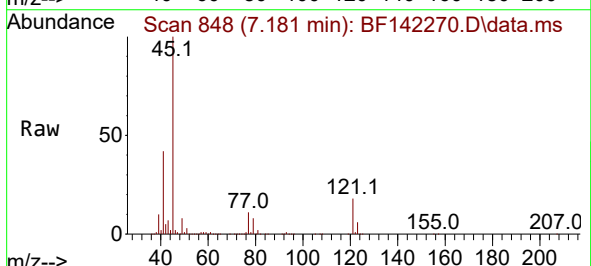
Delta R.T. -0.006 min

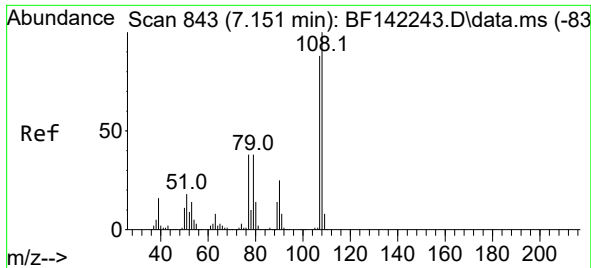
Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion: 45 Resp: 1026846

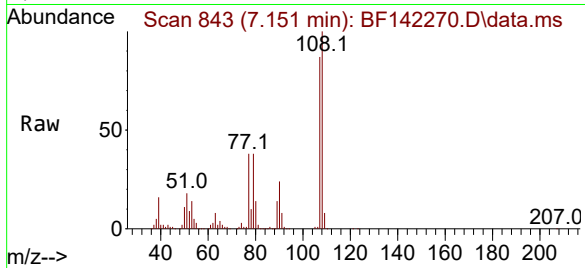
Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.3
79	8.4	0.0	28.5





#17
2-Methylphenol
Concen: 41.139 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



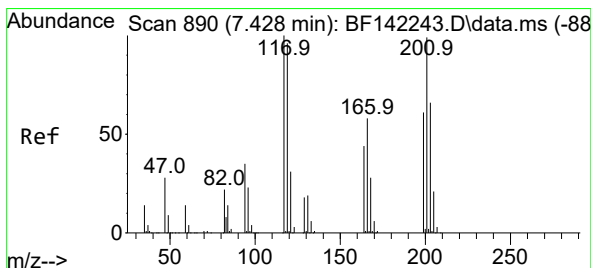
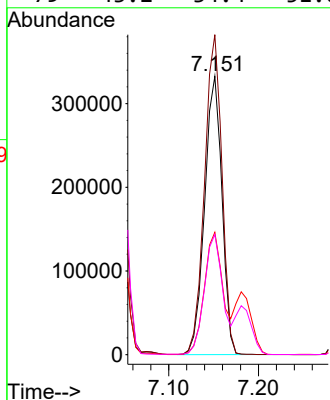
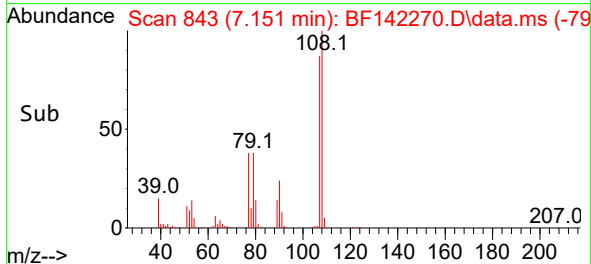
Tgt Ion:107 Resp: 446070
Ion Ratio Lower Upper
107 100
108 114.9 91.0 136.4
77 44.0 34.4 51.6
79 43.2 34.4 51.6

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Chavli

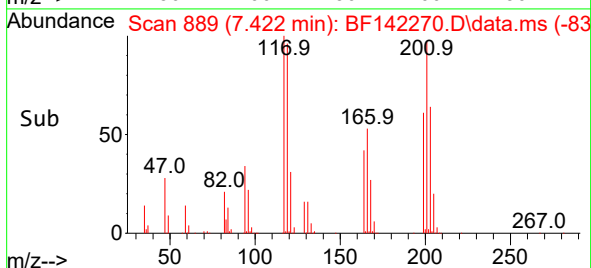
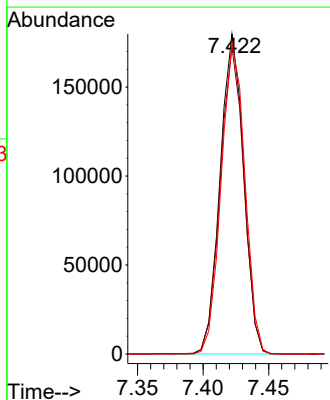
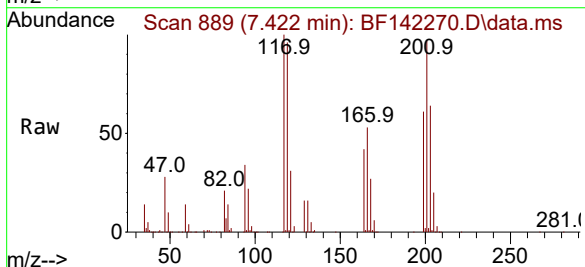
05/02/2025
Supervised By :Jagrut
Upadhyay

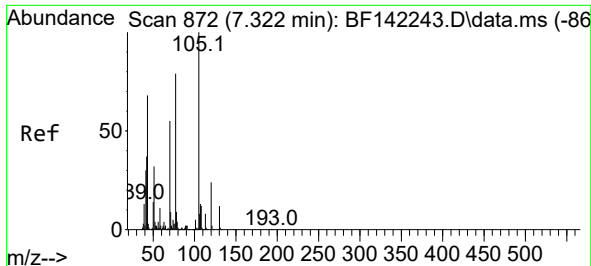
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#18
Hexachloroethane
Concen: 45.411 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

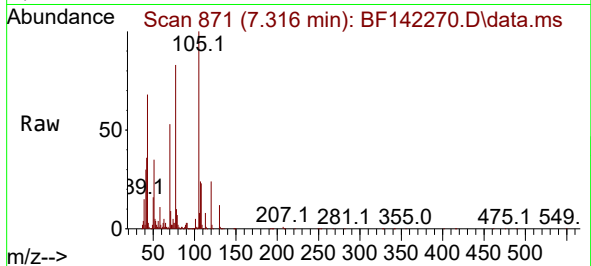
Tgt Ion:117 Resp: 224222
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 97.3 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.480 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



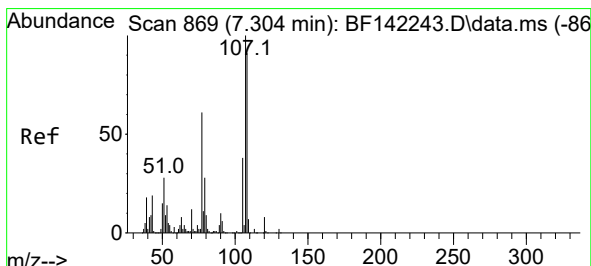
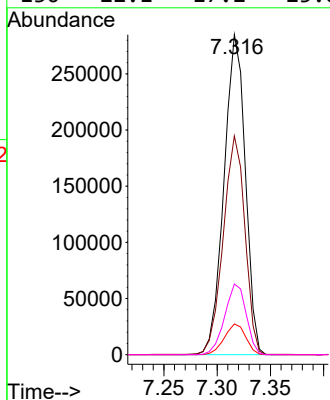
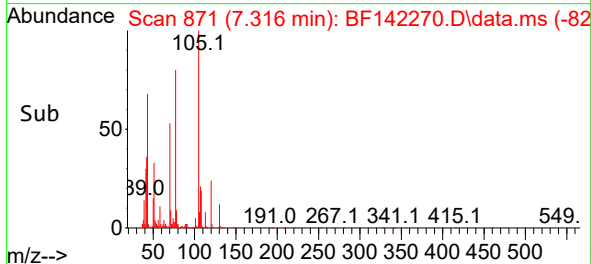
Tgt Ion: 70 Resp: 39648
Ion Ratio Lower Upper
70 100
42 68.4 53.4 80.2
101 9.6 7.7 11.5
130 22.1 17.2 25.8

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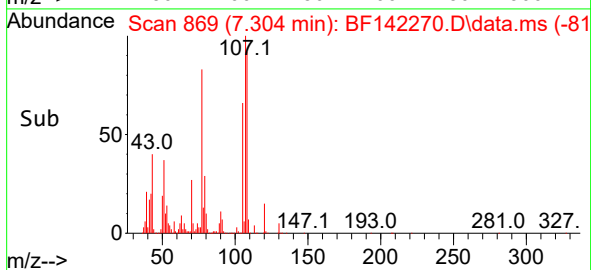
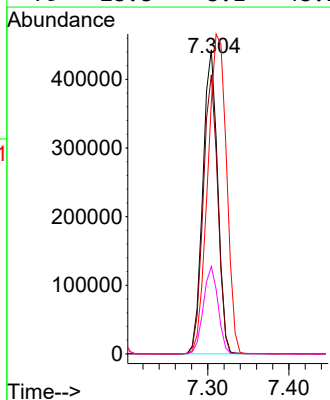
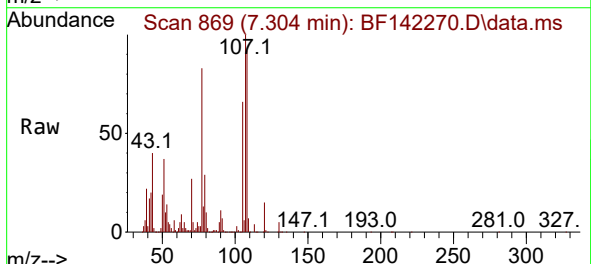
05/02/2025
Supervised By :Jagrut
Upadhyay

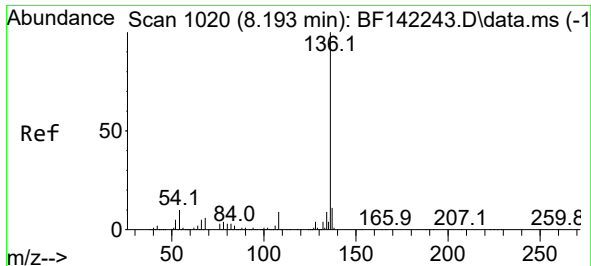
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#20
3+4-Methylphenols
Concen: 41.280 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:107 Resp: 559745
Ion Ratio Lower Upper
107 100
108 91.8 71.2 111.2
77 82.8 41.1 81.1#
79 28.8 8.1 48.1





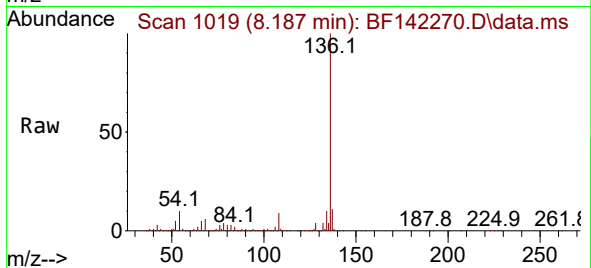
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:136 Resp: 762454
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.0 7.7 11.5
68 6.3 5.0 7.6

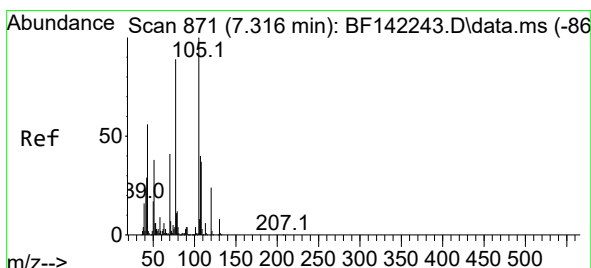
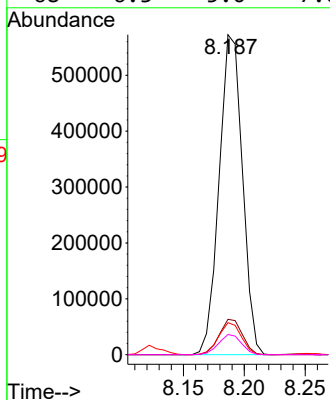
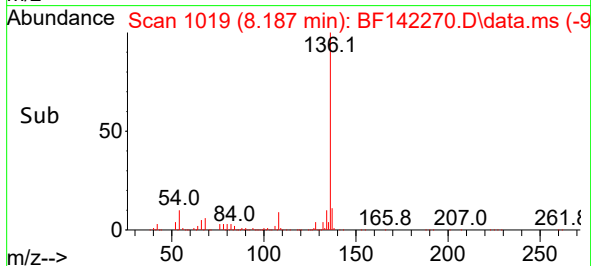
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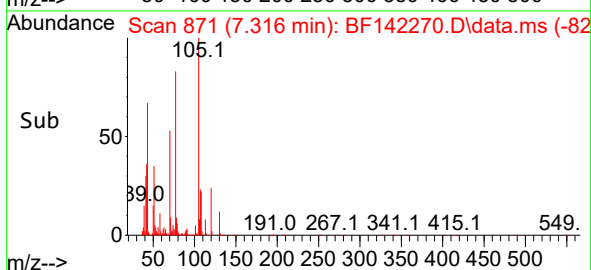
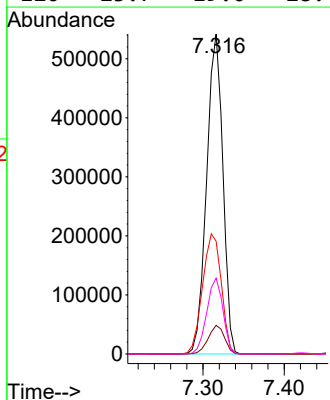
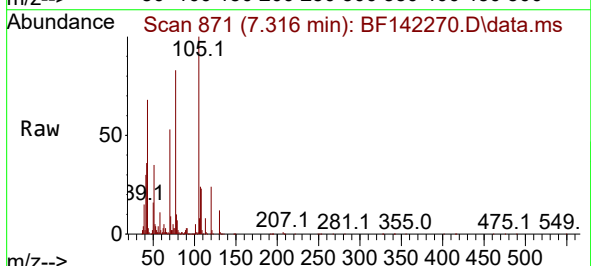
Supervised By :Jagrut
Upadhyay

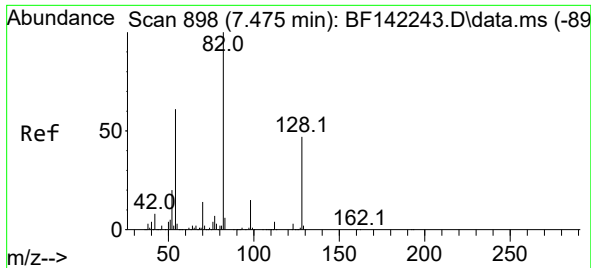
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#22
Acetophenone
Concen: 42.626 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

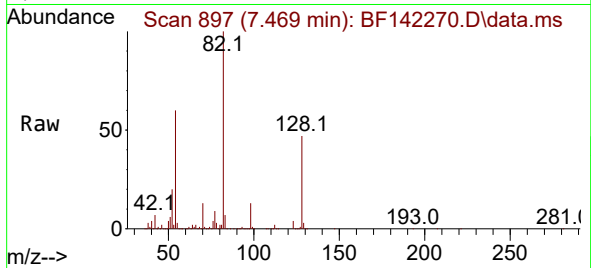
Tgt Ion:105 Resp: 751886
Ion Ratio Lower Upper
105 100
71 8.9 5.7 8.5#
51 35.2 30.1 45.1
120 23.7 19.0 28.4





#23
Nitrobenzene-d5
Concen: 66.910 ng
RT: 7.469 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



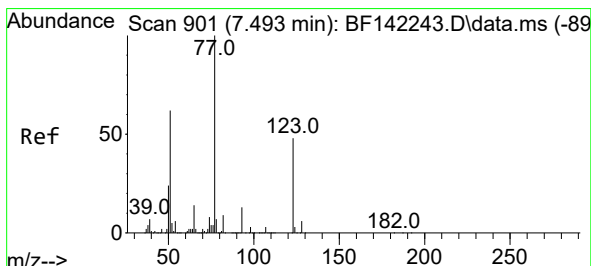
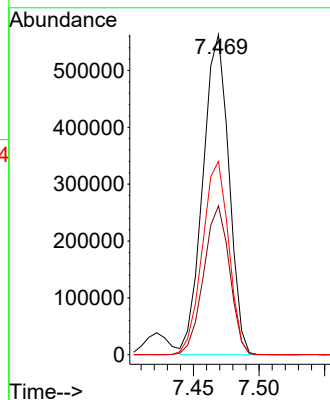
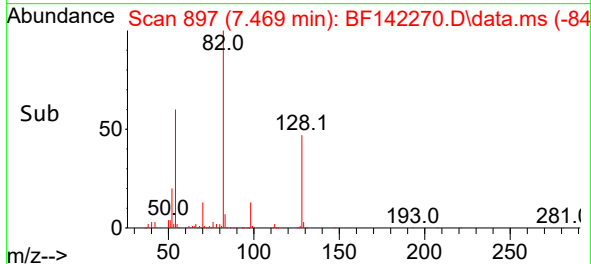
Tgt Ion: 82 Resp: 776525
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.6
54 60.4 48.0 72.0

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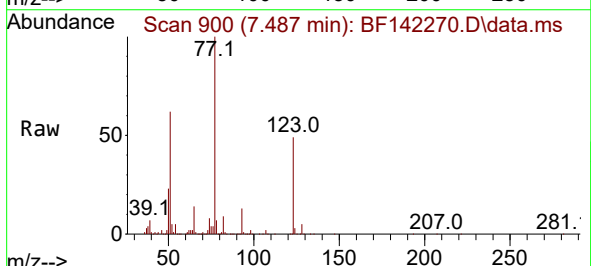
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

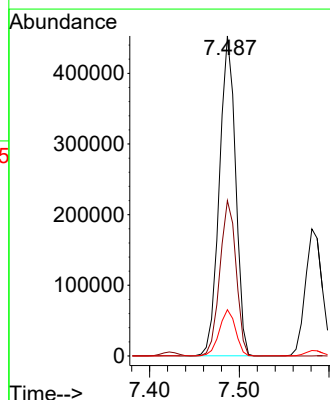
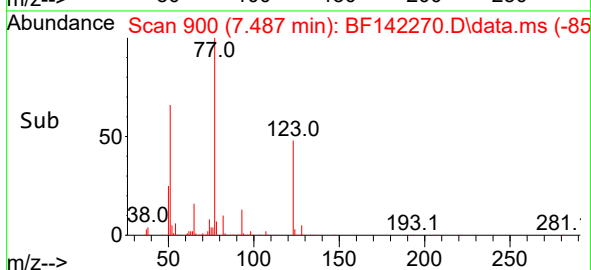
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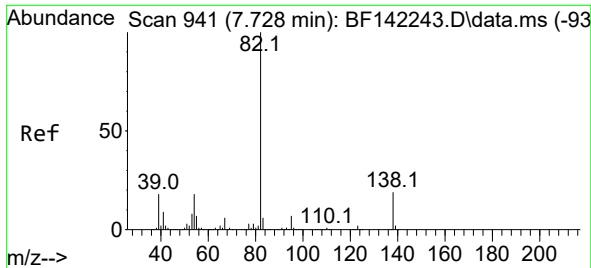


#24
Nitrobenzene
Concen: 49.874 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



Tgt Ion: 77 Resp: 567935
Ion Ratio Lower Upper
77 100
123 48.6 38.6 58.0
65 14.5 11.5 17.3





#25
Isophorone
Concen: 43.109 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

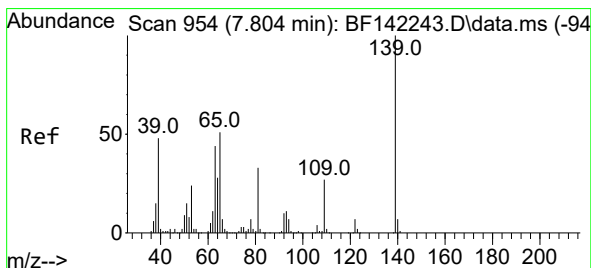
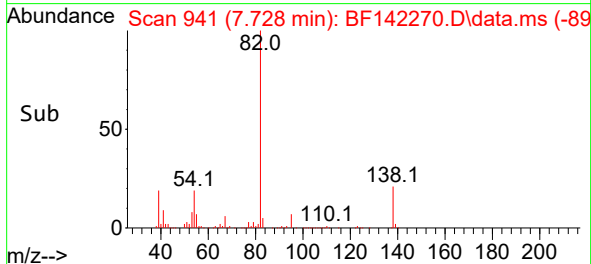
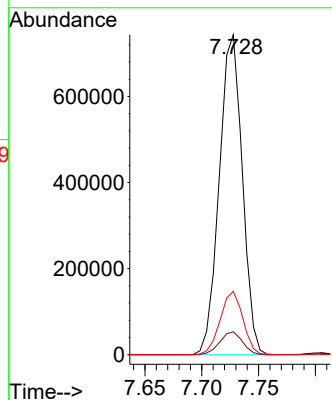
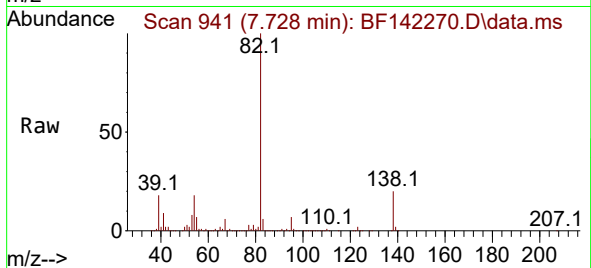
Tgt Ion: 82 Resp: 104998
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.8 15.3 22.9

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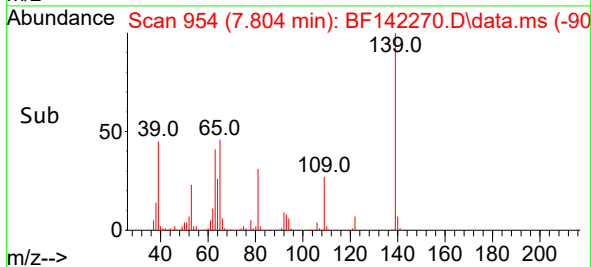
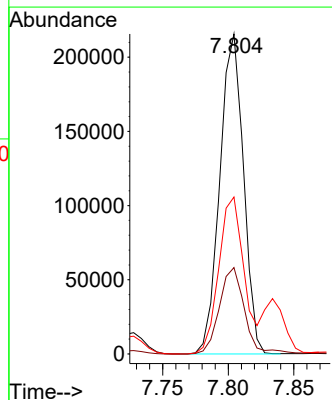
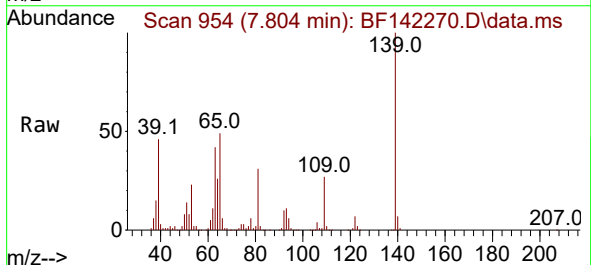
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Supervised By :Jagrut
Upadhyay

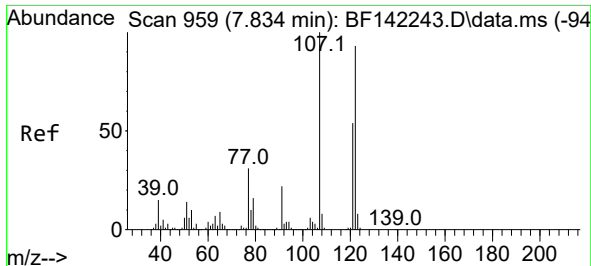
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#26
2-Nitrophenol
Concen: 54.552 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:139 Resp: 270273
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.8
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.212 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142270.D

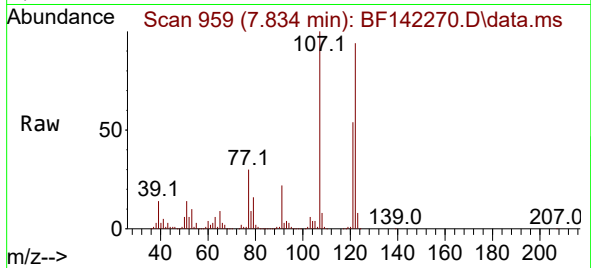
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:	122	Resp:	530664
Ion	Ratio	Lower	Upper
122	100		
107	106.3	86.0	129.0
121	57.4	46.3	69.5

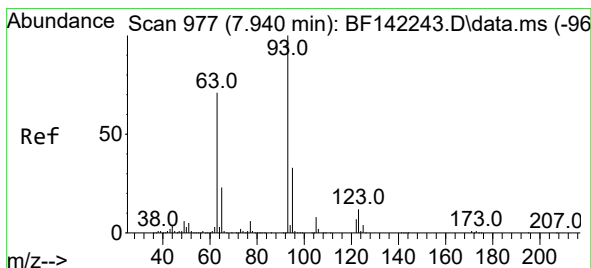
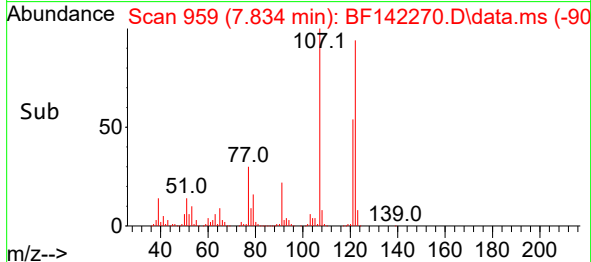
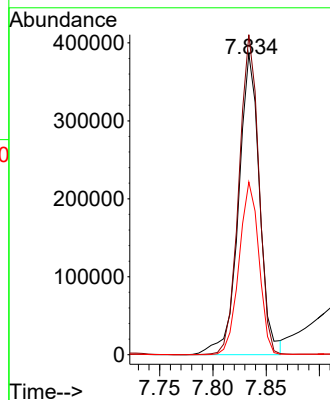
Manual Integrations
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Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.077 ng

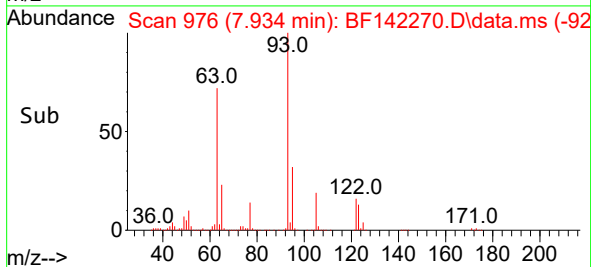
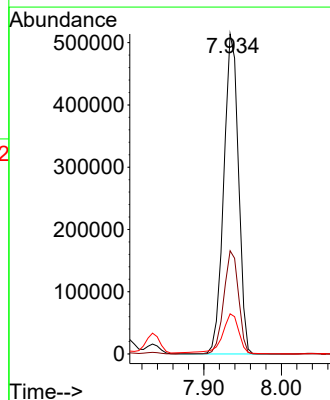
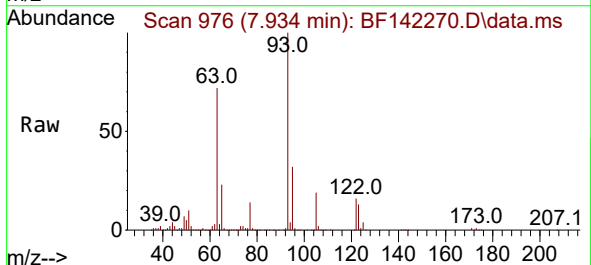
RT: 7.934 min Scan# 976

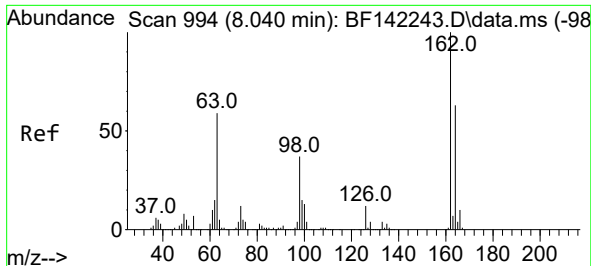
Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

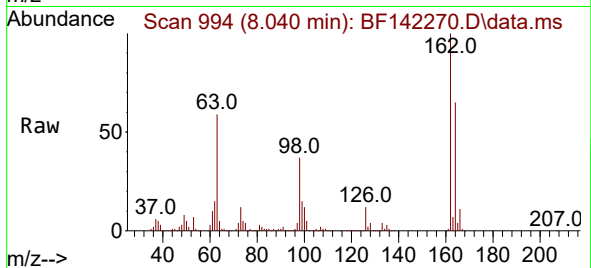
Tgt Ion:	93	Resp:	677074
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.6	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 43.927 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



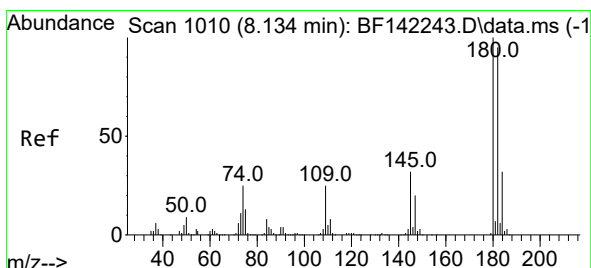
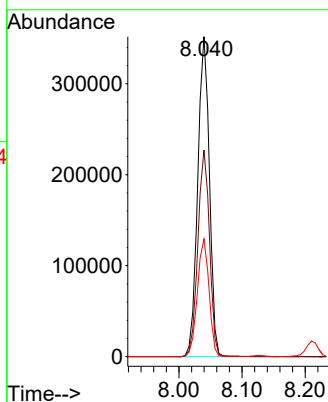
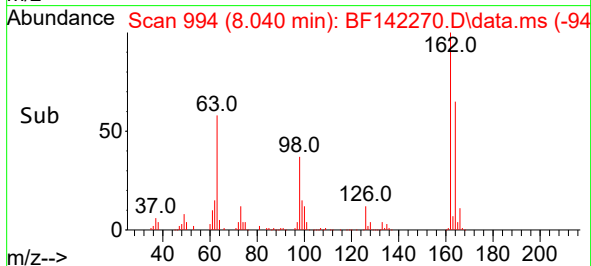
Tgt Ion:162 Resp: 450990
Ion Ratio Lower Upper
162 100
164 64.6 43.0 83.0
98 36.7 16.7 56.7

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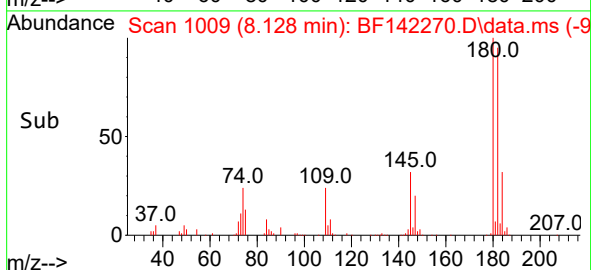
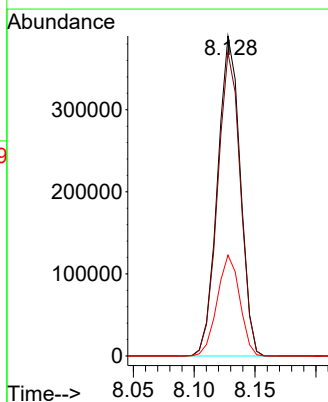
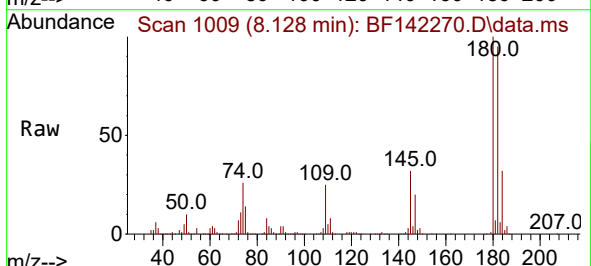
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Supervised By :Jagrut
Upadhyay

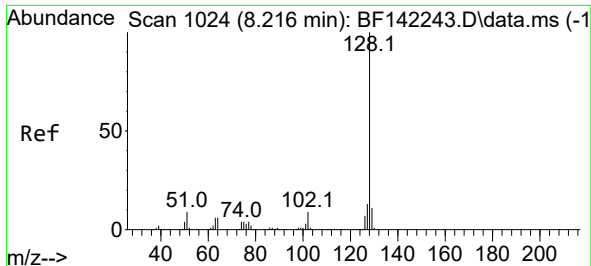
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#30
1,2,4-Trichlorobenzene
Concen: 44.110 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

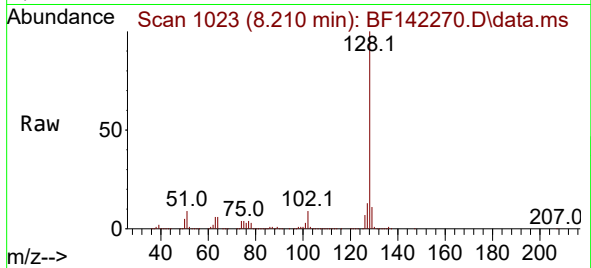
Tgt Ion:180 Resp: 505370
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 31.5 25.4 38.0





#31
Naphthalene
Concen: 42.898 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



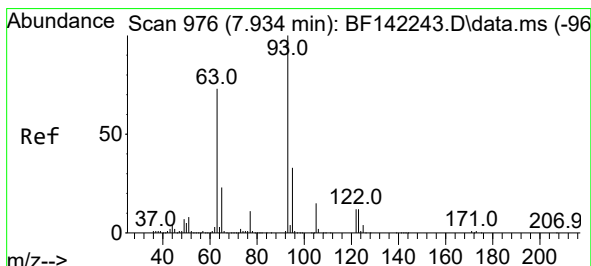
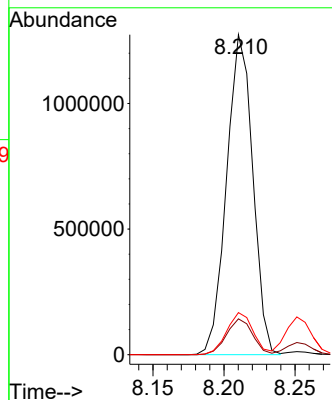
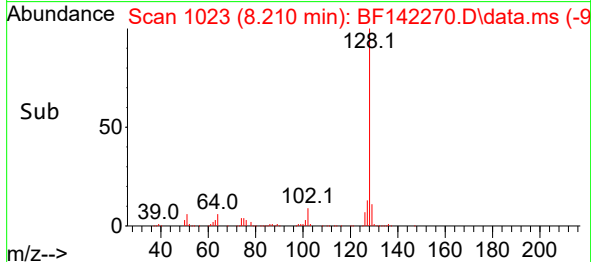
Tgt Ion:128 Resp: 1631154
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8

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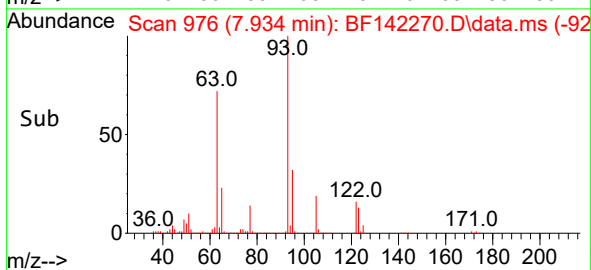
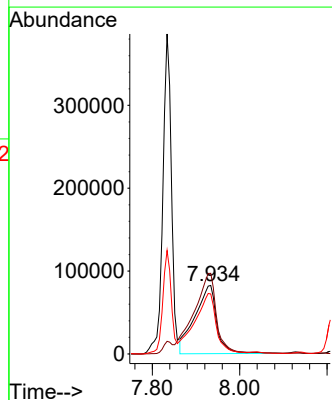
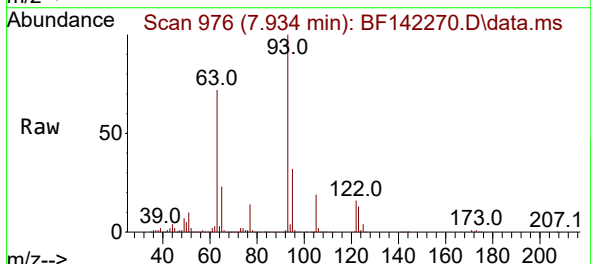
05/02/2025
Supervised By :Jagrut
Upadhyay

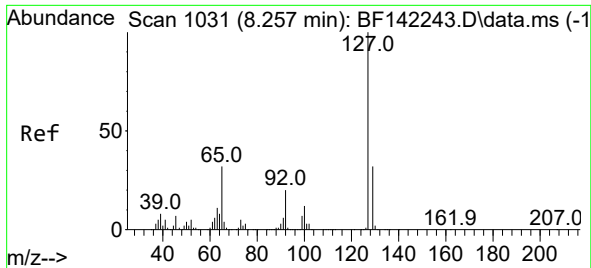
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#32
Benzoic acid
Concen: 48.669 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

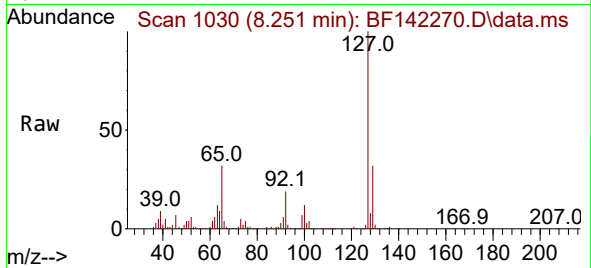
Tgt Ion:122 Resp: 285536
Ion Ratio Lower Upper
122 100
105 117.7 98.2 138.2
77 87.6 66.8 106.8





#33
4-Chloroaniline
Concen: 11.933 ng
RT: 8.251 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



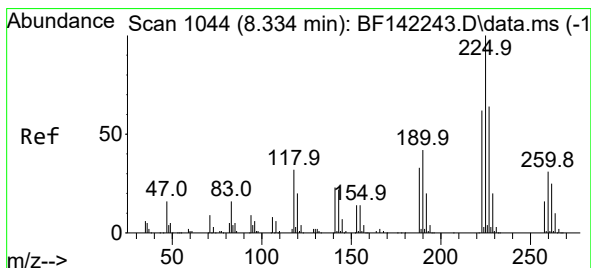
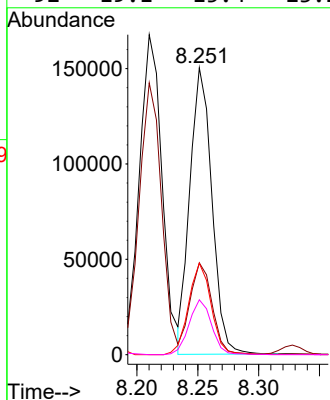
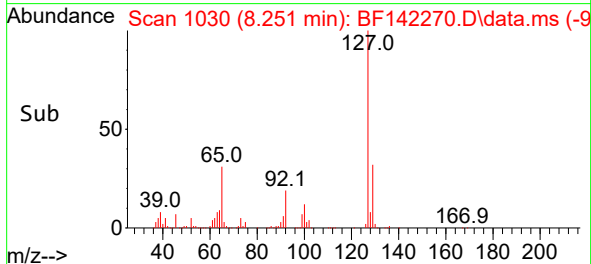
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.9	25.5	38.3
92	19.1	15.4	23.2

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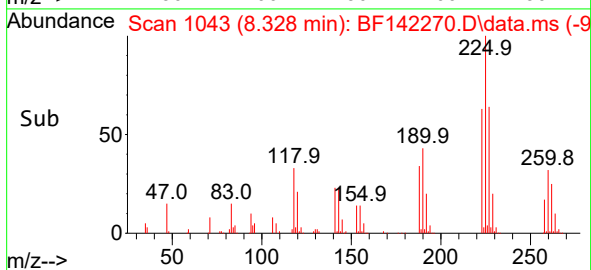
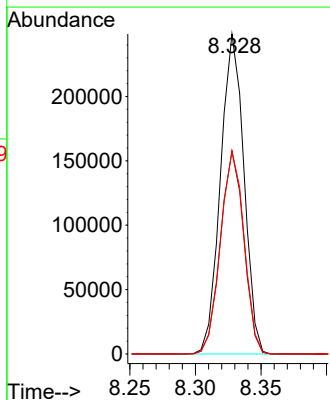
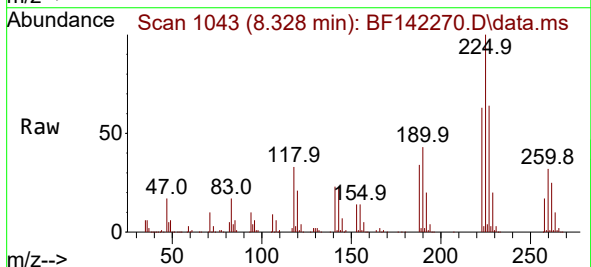
05/02/2025
Supervised By :Jagrut
Upadhyay

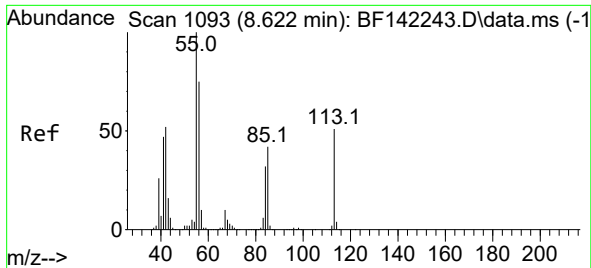
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#34
Hexachlorobutadiene
Concen: 46.100 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

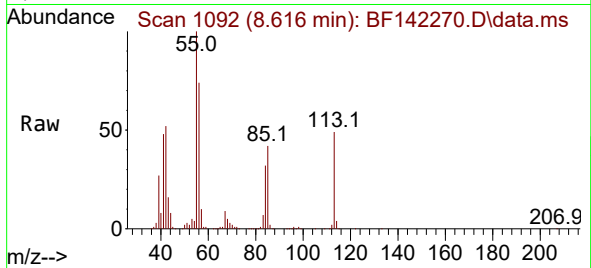
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	63.6	51.0	76.4





#35
Caprolactam
Concen: 40.210 ng m
RT: 8.616 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



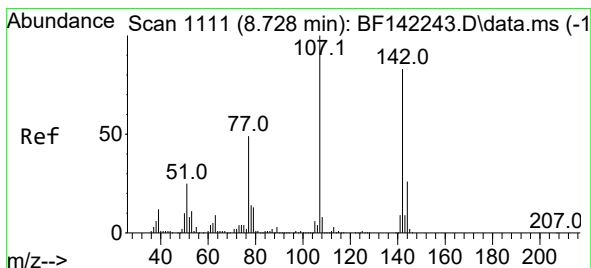
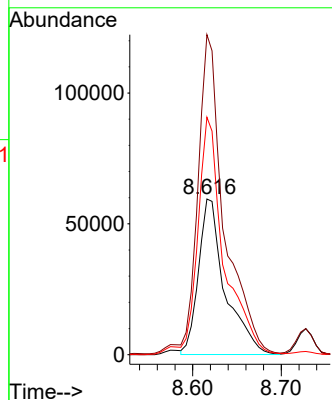
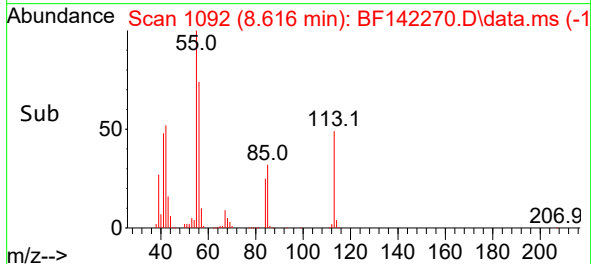
Tgt Ion:113 Resp: 12408
Ion Ratio Lower Upper
113 100
55 205.5 177.7 217.7
56 152.5 127.1 167.1

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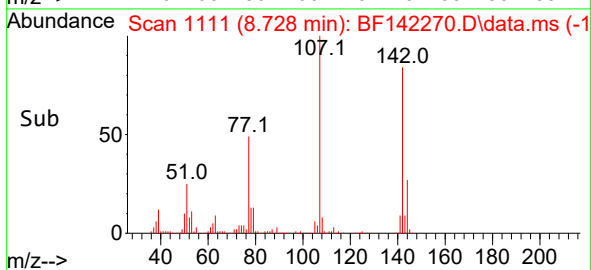
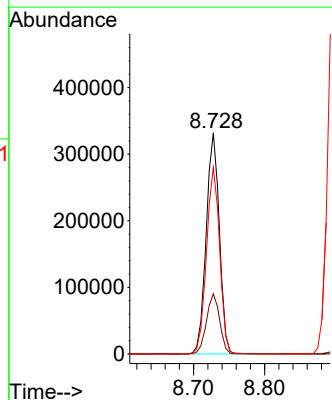
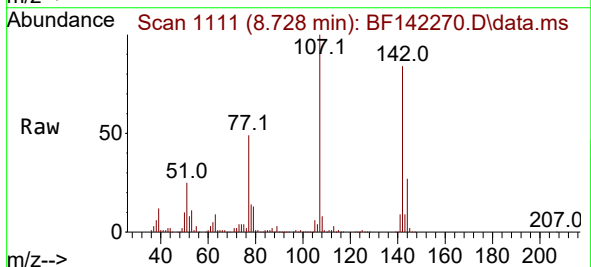
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Supervised By :Jagrut
Upadhyay

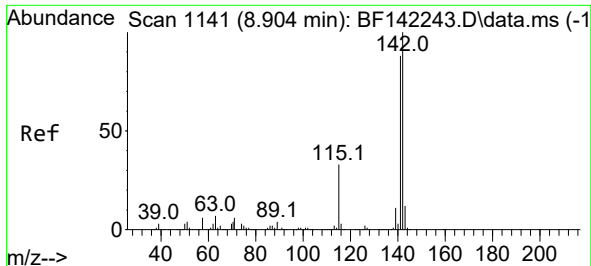
05/02/2025



#36
4-Chloro-3-methylphenol
Concen: 40.609 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:107 Resp: 428130
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.4
142 84.3 66.1 99.1





#37
2-Methylnaphthalene
Concen: 41.802 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

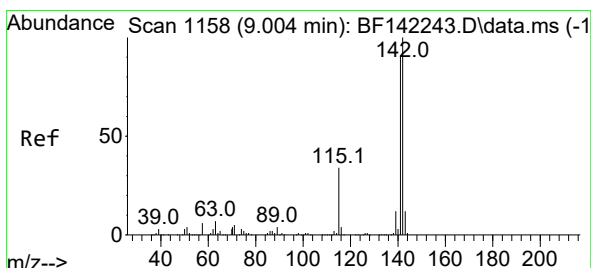
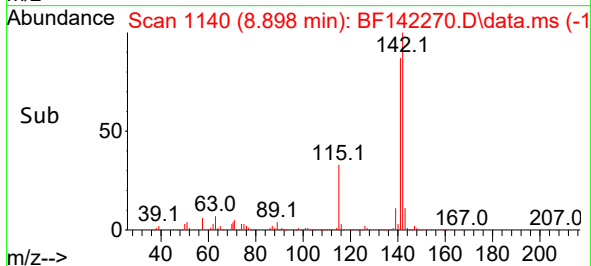
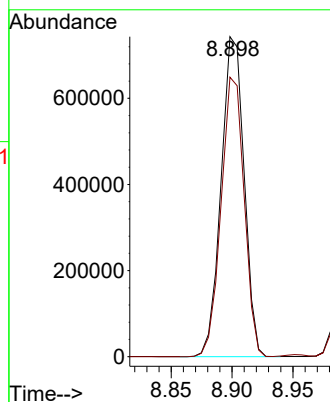
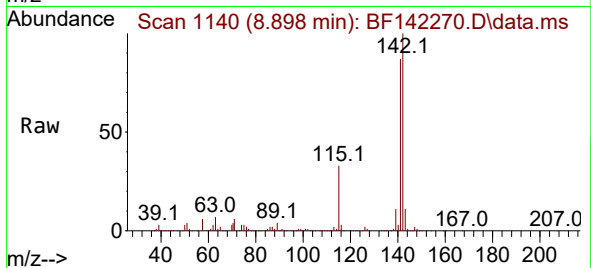
Tgt Ion:142 Resp: 97725
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7

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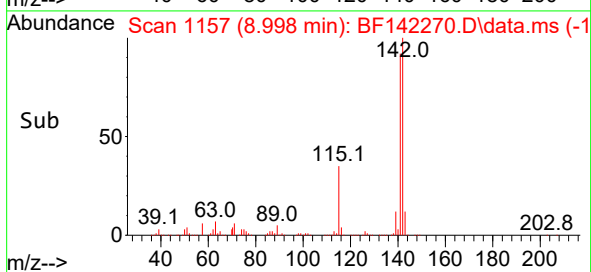
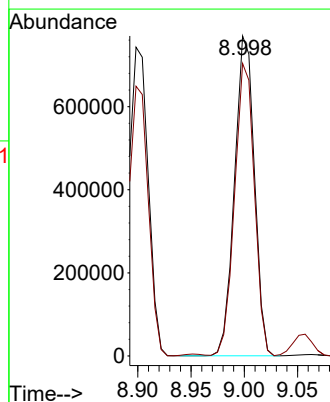
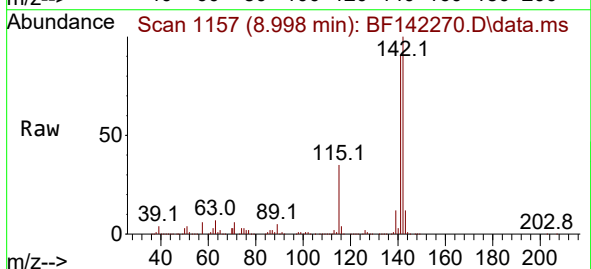
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Upadhyay

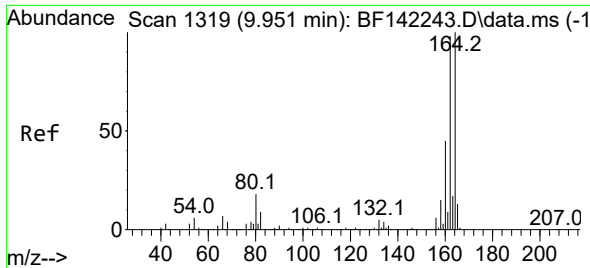
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#38
1-Methylnaphthalene
Concen: 41.279 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

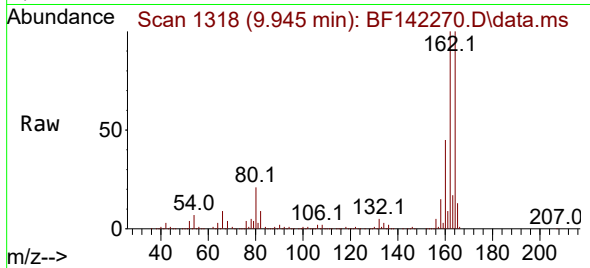
Tgt Ion:142 Resp: 999740
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



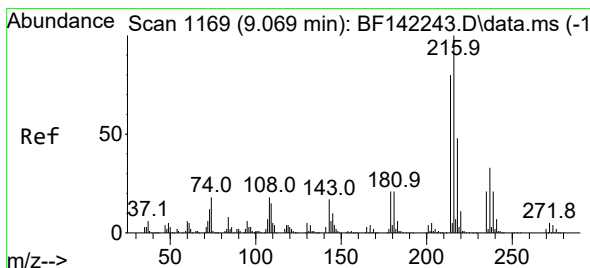
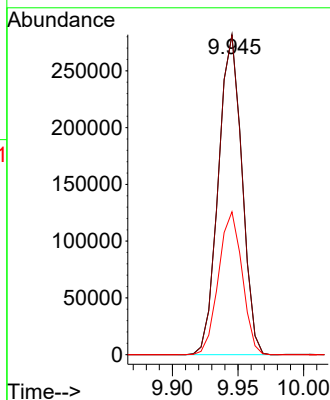
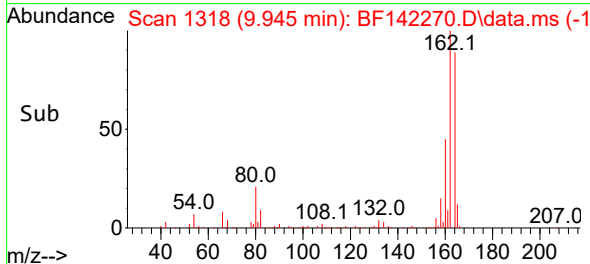
Tgt Ion:164 Resp: 351872
Ion Ratio Lower Upper
164 100
162 99.8 78.6 117.8
160 44.6 35.7 53.5

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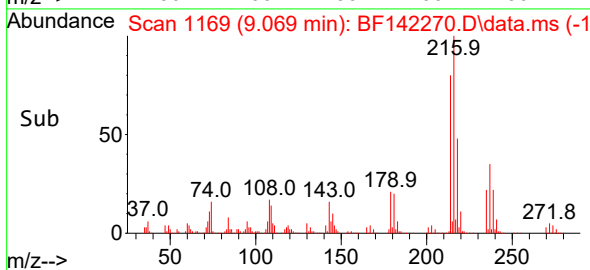
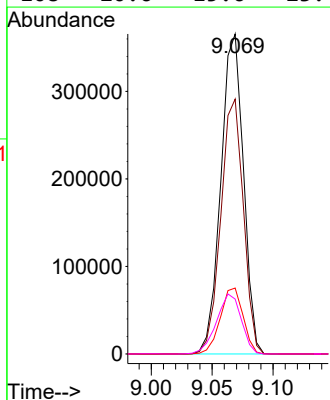
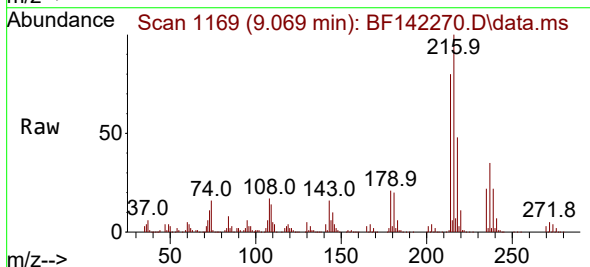
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Supervised By :Jagrut
Upadhyay

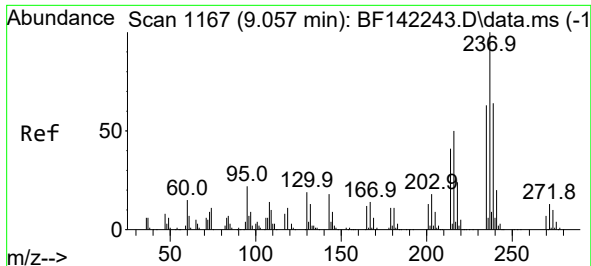
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.654 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

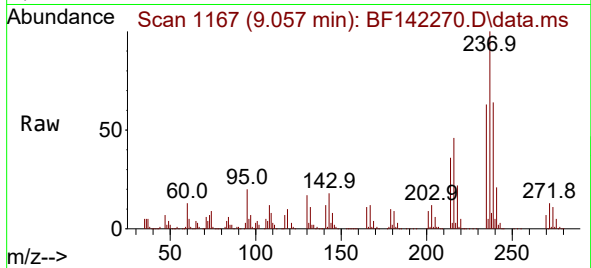
Tgt Ion:216 Resp: 471907
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 20.9 16.7 25.1
108 20.6 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 98.586 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



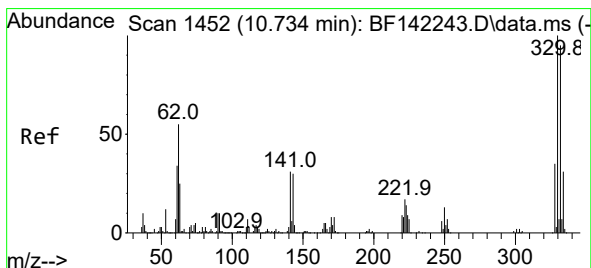
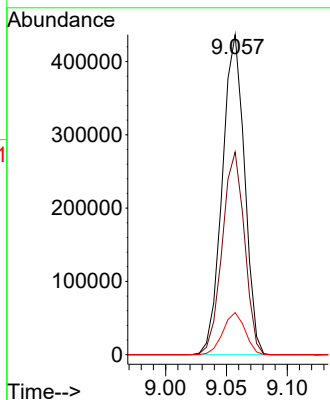
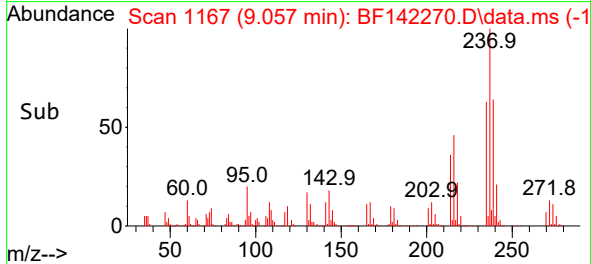
Tgt Ion:237 Resp: 554085
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.2 0.0 32.9

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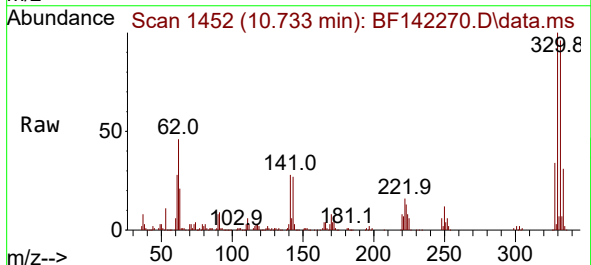
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

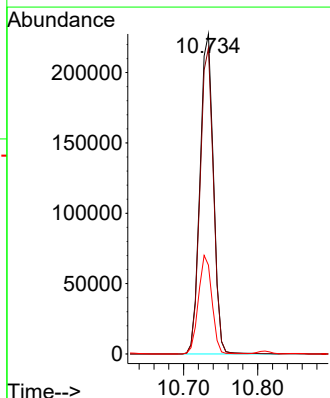
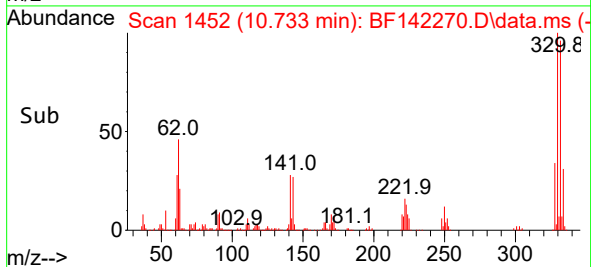
05/02/2025

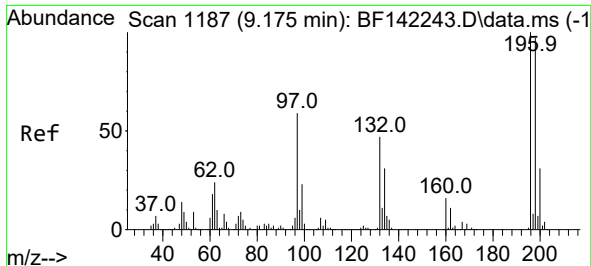


#42
2,4,6-Tribromophenol
Concen: 89.247 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



Tgt Ion:330 Resp: 286287
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 30.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.853 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142270.D

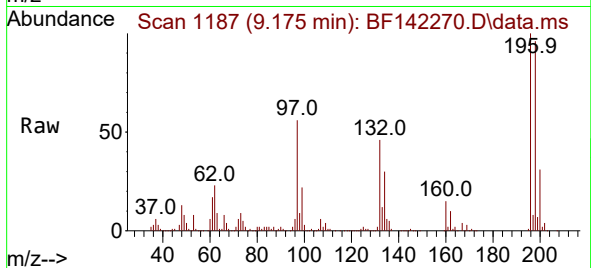
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:196 Resp: 30592

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.4	116.2
200	31.3	24.6	37.0

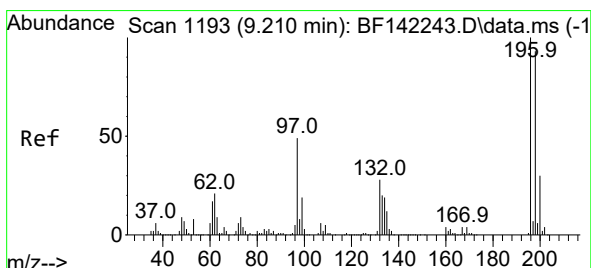
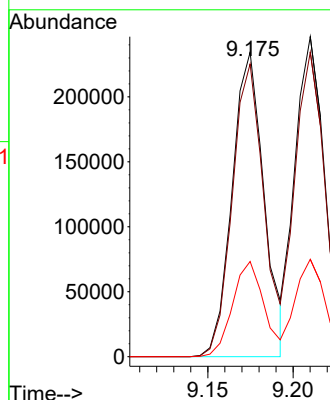
Manual Integrations
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Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 46.102 ng

RT: 9.210 min Scan# 1193

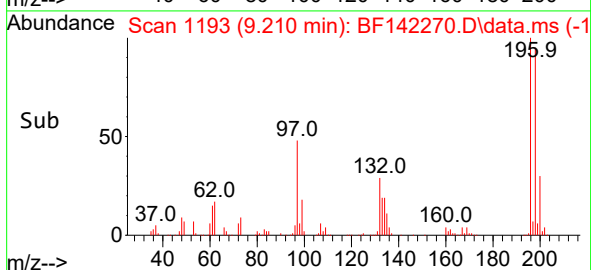
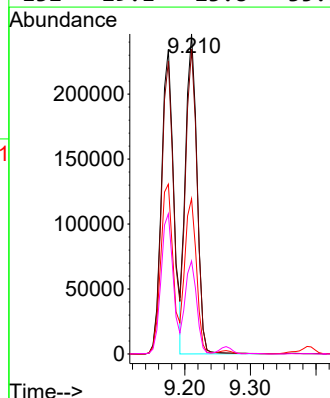
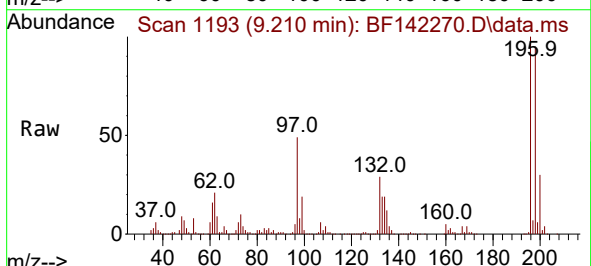
Delta R.T. -0.000 min

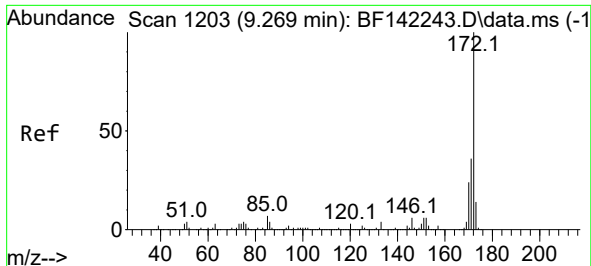
Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:196 Resp: 297440

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.2	112.8
97	48.5	39.8	59.8
132	29.1	23.8	35.8





#45

2-Fluorobiphenyl

Concen: 61.773 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:172 Resp: 1541618

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

170 23.5 19.4 29.0

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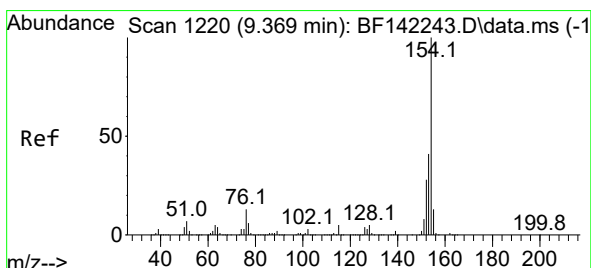
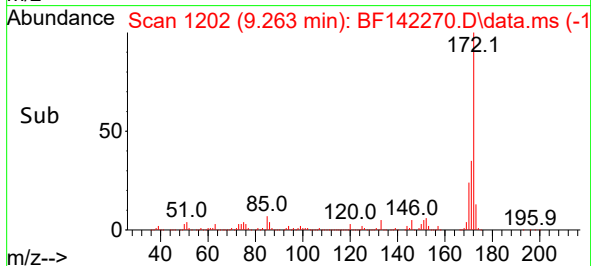
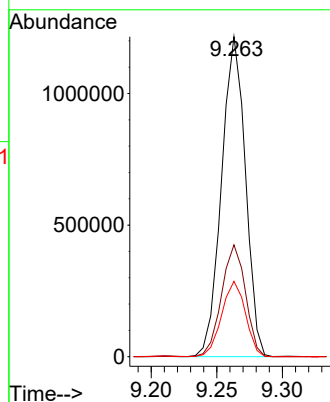
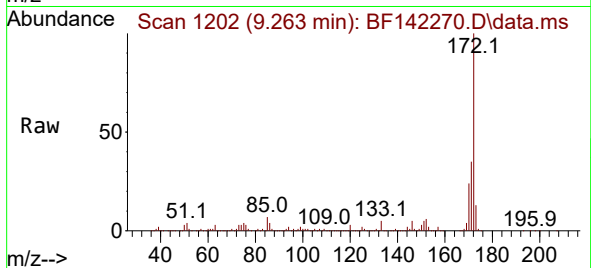
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#46

1,1'-Biphenyl

Concen: 46.529 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

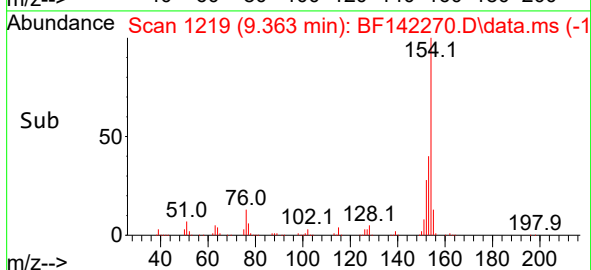
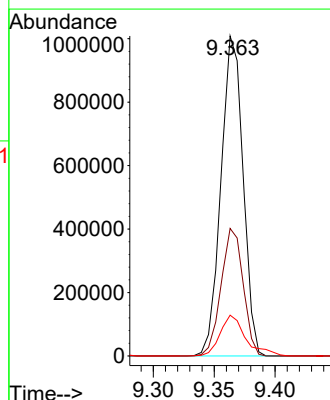
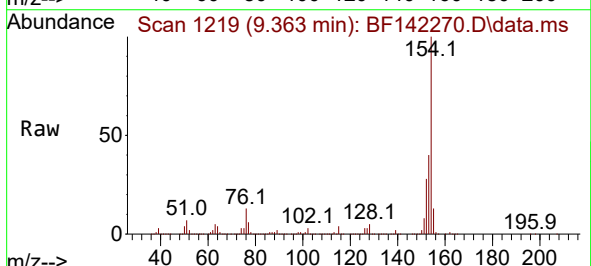
Tgt Ion:154 Resp: 1272788

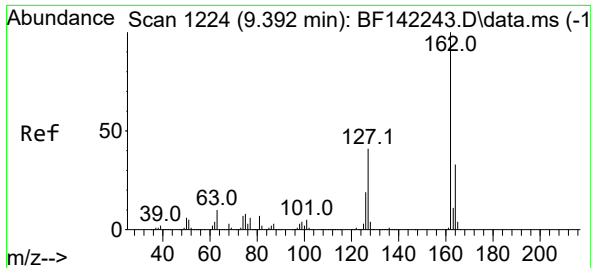
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

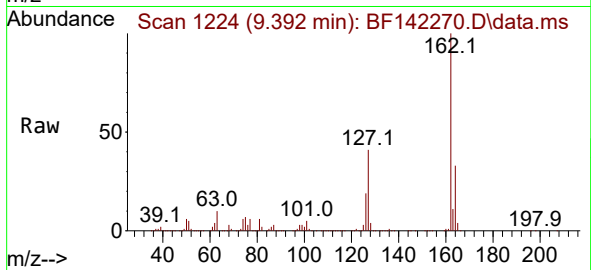
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 45.486 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



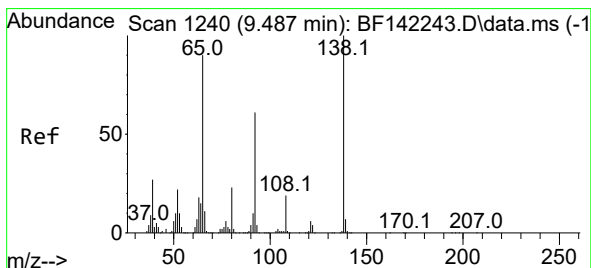
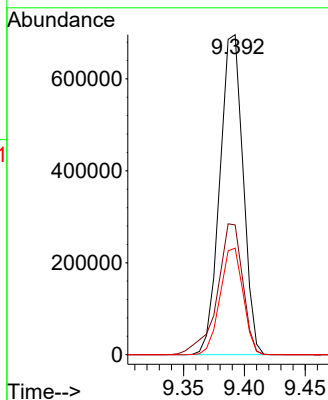
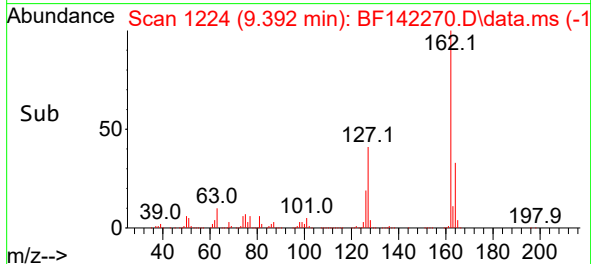
Tgt Ion:162 Resp: 925740
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 33.3 26.1 39.1

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Reviewed By :Rahul
Chavli

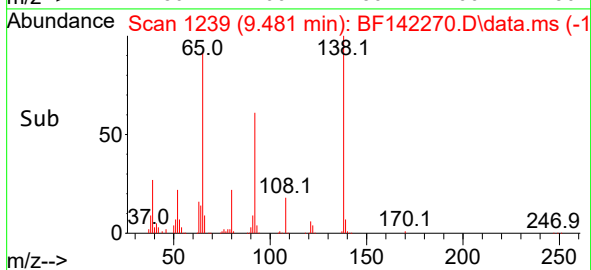
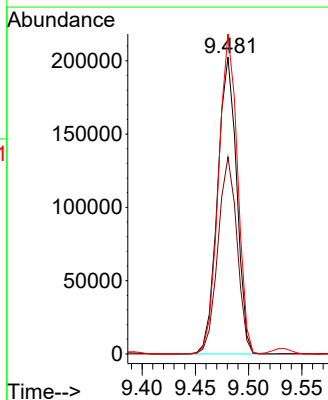
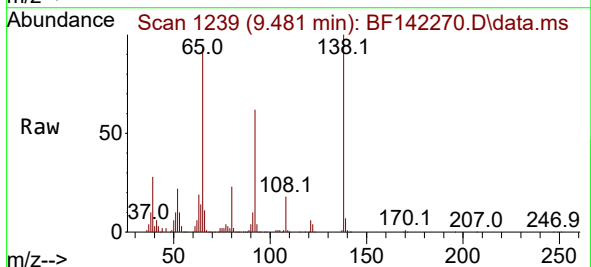
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Supervised By :Jagrut
Upadhyay

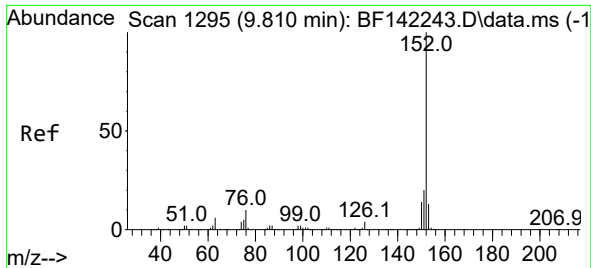
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#48
2-Nitroaniline
Concen: 47.110 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

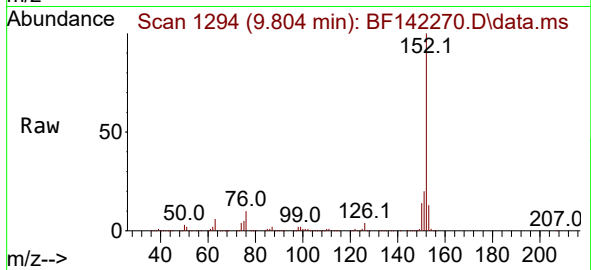
Tgt Ion: 65 Resp: 252309
Ion Ratio Lower Upper
65 100
92 66.3 54.3 81.5
138 107.8 88.6 133.0





#49
Acenaphthylene
Concen: 43.790 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



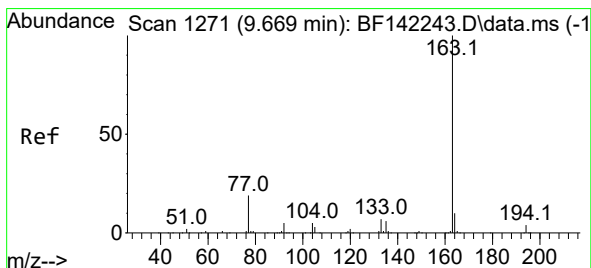
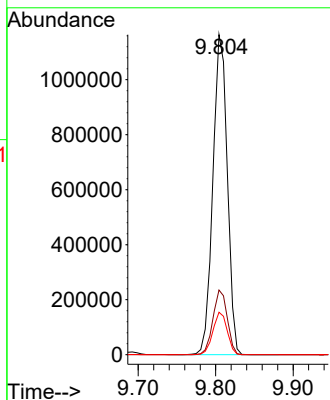
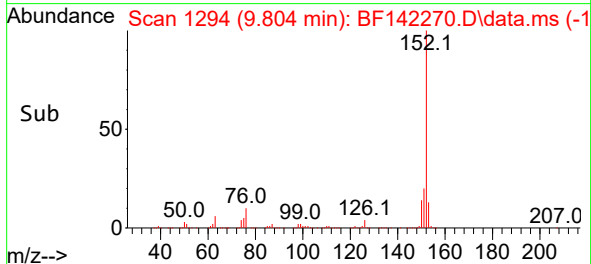
Tgt Ion:152 Resp: 150390
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.7 16.1

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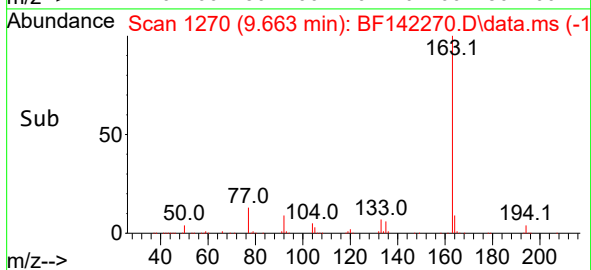
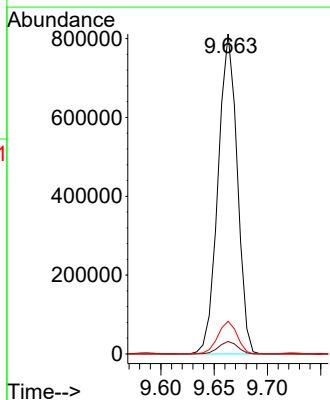
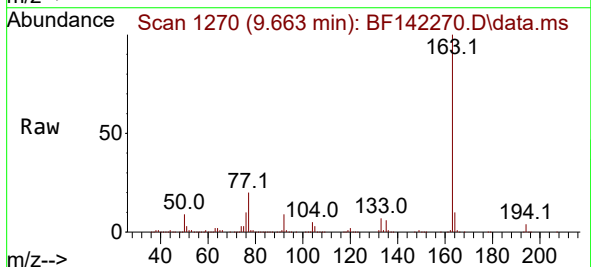
05/02/2025
Supervised By :Jagrut
Upadhyay

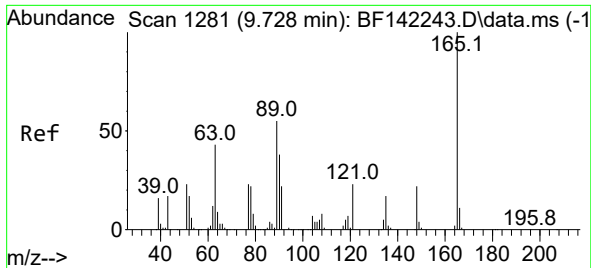
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#50
Dimethylphthalate
Concen: 45.099 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

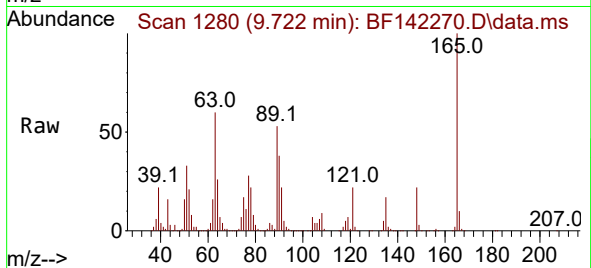
Tgt Ion:163 Resp: 1015217
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.378 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



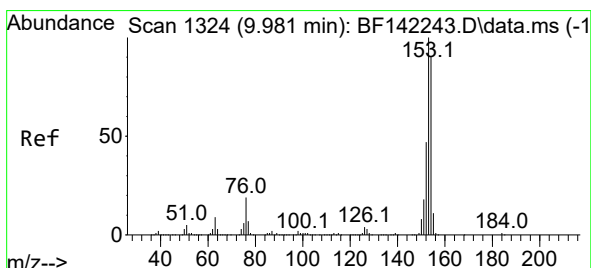
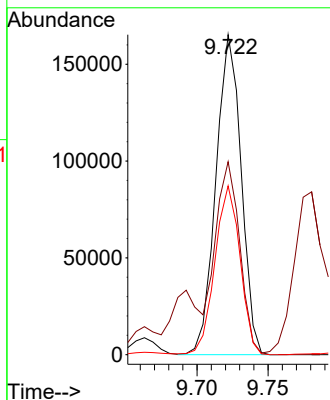
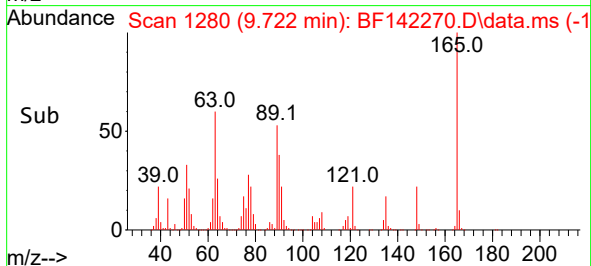
Tgt Ion:165 Resp: 204319
Ion Ratio Lower Upper
165 100
63 60.3 48.5 72.7
89 52.8 43.9 65.9

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Chavli

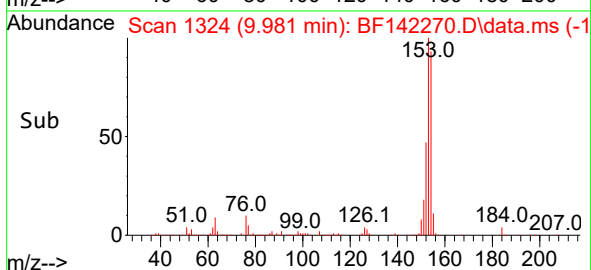
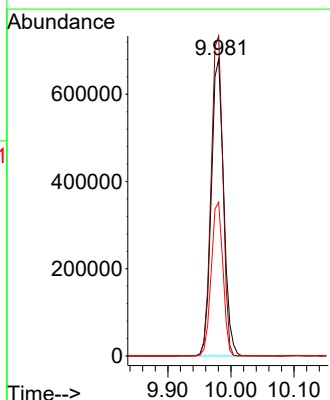
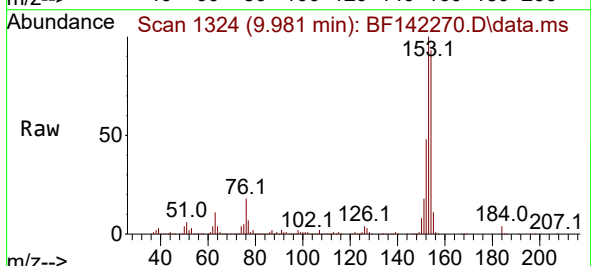
05/02/2025
Supervised By :Jagrut
Upadhyay

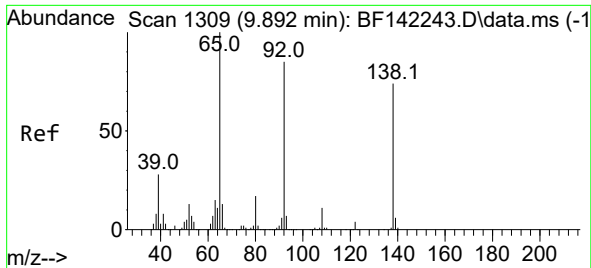
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#52
Acenaphthene
Concen: 46.429 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

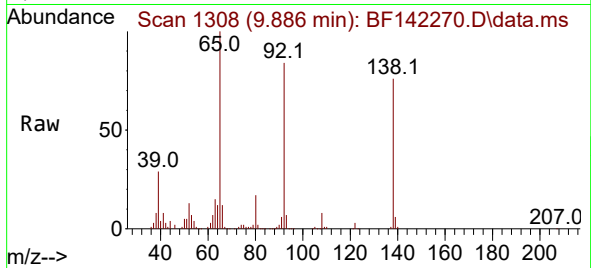
Tgt Ion:154 Resp: 931022
Ion Ratio Lower Upper
154 100
153 107.7 88.6 133.0
152 51.8 42.1 63.1





#53
3-Nitroaniline
Concen: 24.861 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



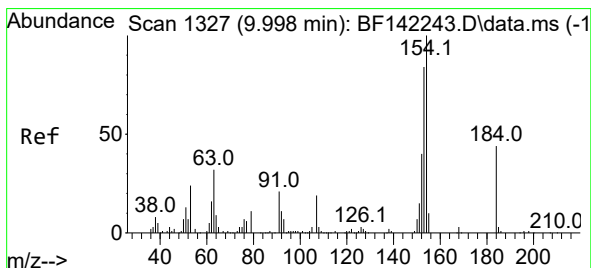
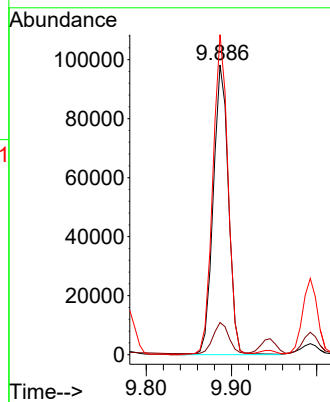
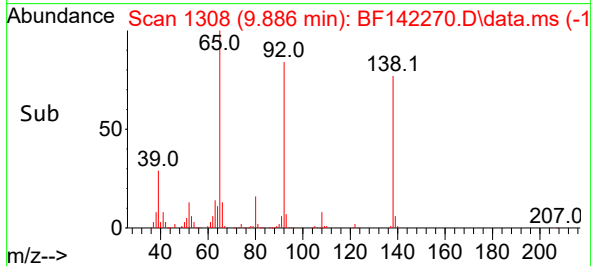
Tgt Ion:138 Resp: 121932
Ion Ratio Lower Upper
138 100
108 11.1 11.7 17.5
92 110.5 91.2 136.8

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Chavli

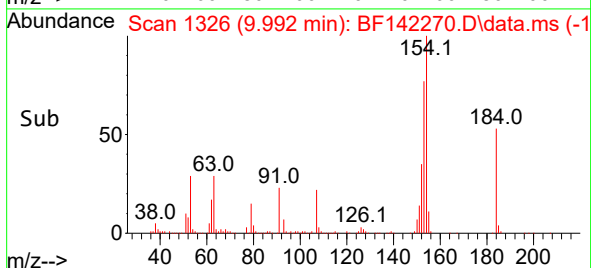
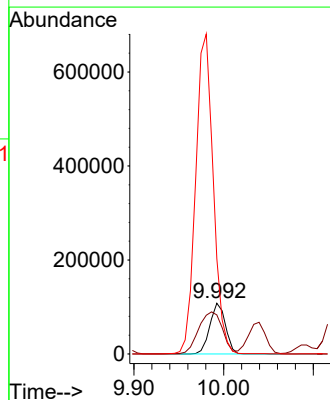
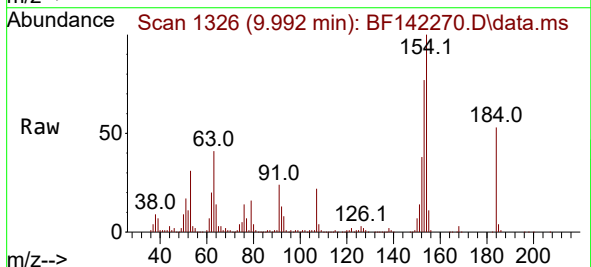
05/02/2025
Supervised By :Jagrut
Upadhyay

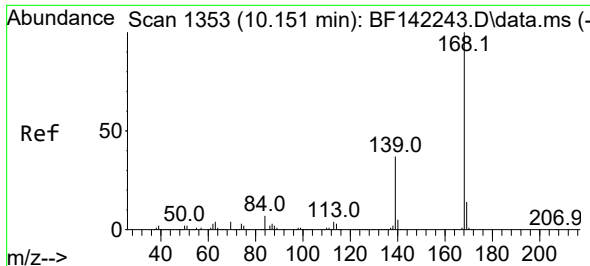
05/02/2025



#54
2,4-Dinitrophenol
Concen: 84.371 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

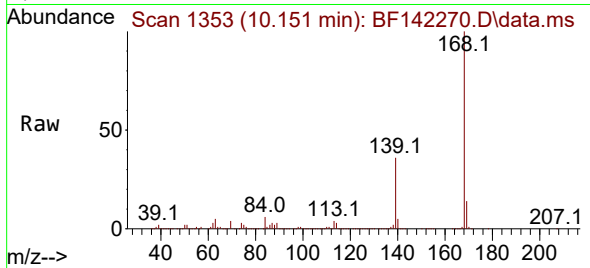
Tgt Ion:184 Resp: 131189
Ion Ratio Lower Upper
184 100
63 77.1 69.2 103.8
154 187.8 271.4 407.2#





#55
Dibenzofuran
Concen: 42.922 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



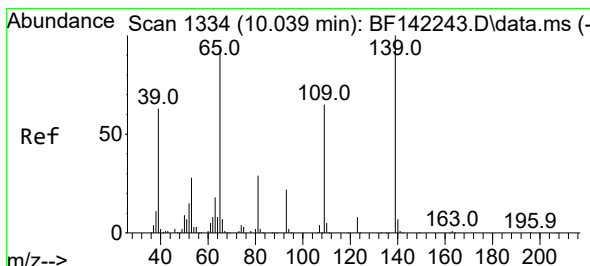
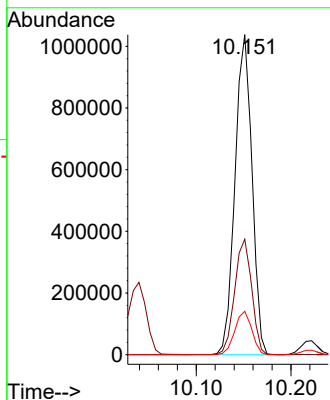
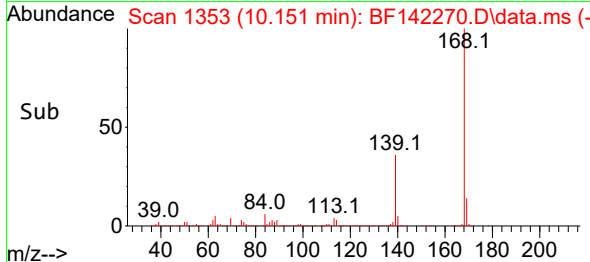
Tgt Ion:168 Resp: 1290218
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0
169 13.6 11.0 16.4

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Chavli

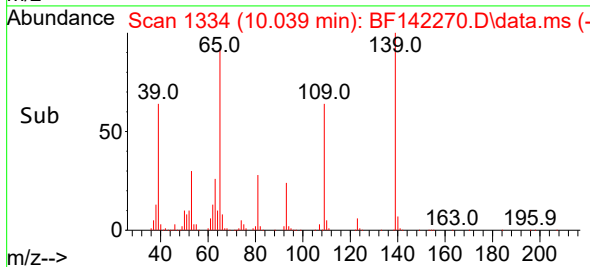
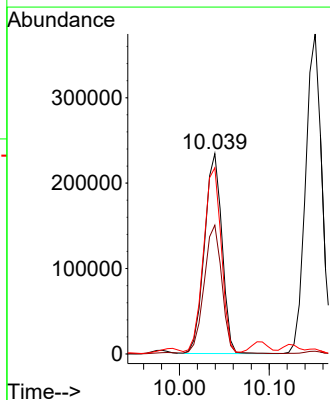
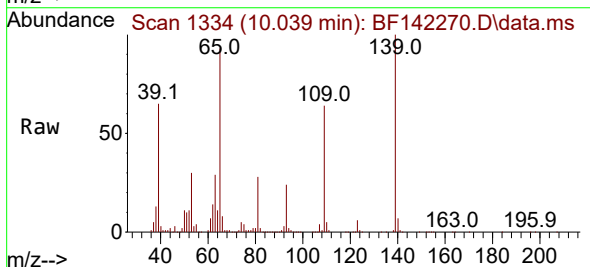
05/02/2025
Supervised By :Jagrut
Upadhyay

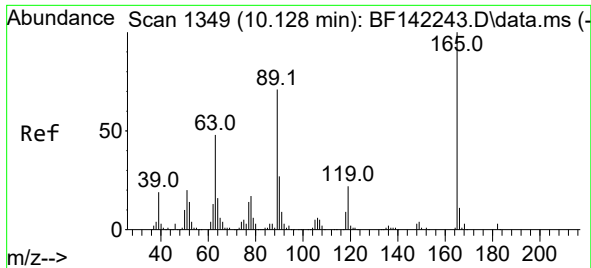
05/02/2025



#56
4-Nitrophenol
Concen: 89.575 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

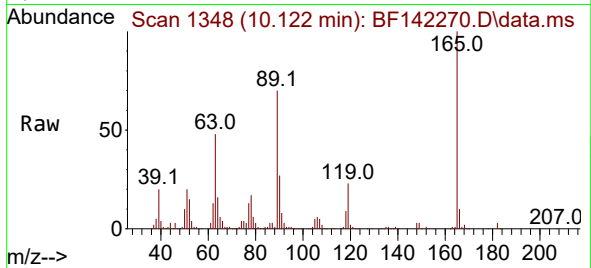
Tgt Ion:139 Resp: 316946
Ion Ratio Lower Upper
139 100
109 64.3 44.9 84.9
65 93.0 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 47.801 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



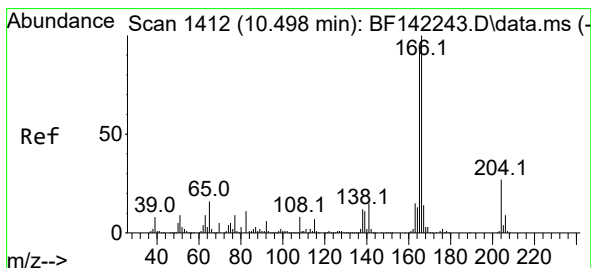
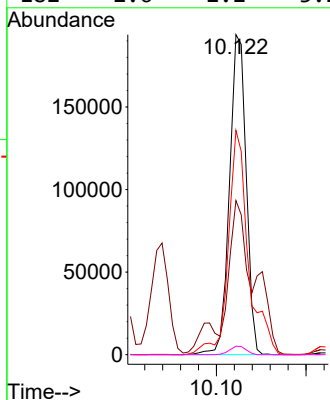
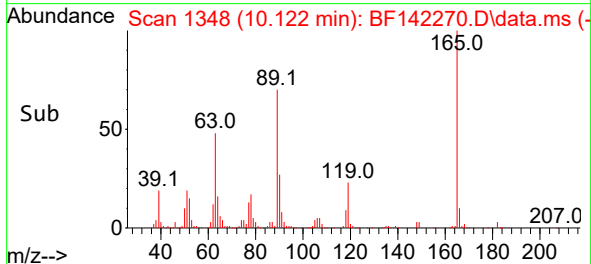
Tgt Ion:165 Resp: 249724
Ion Ratio Lower Upper
165 100
63 48.2 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2

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Chavli

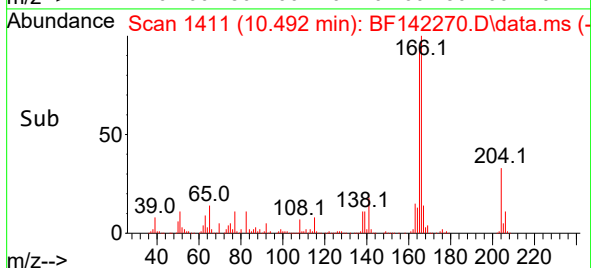
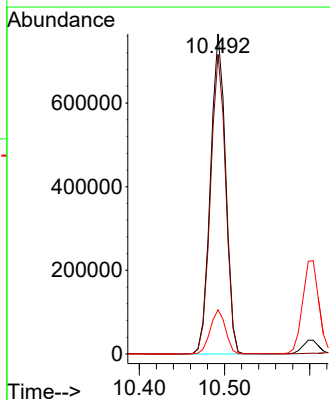
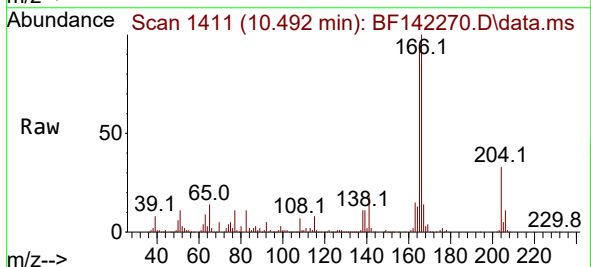
05/02/2025
Supervised By :Jagrut
Upadhyay

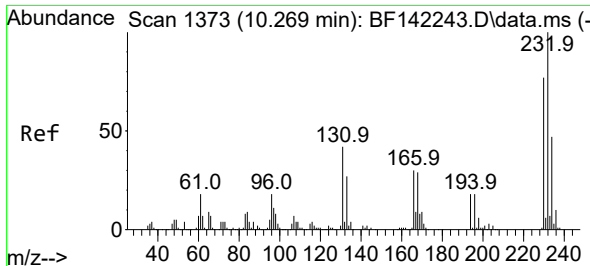
05/02/2025



#58
Fluorene
Concen: 41.360 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

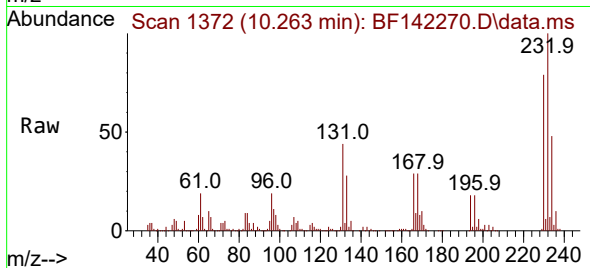
Tgt Ion:166 Resp: 945333
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.531 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



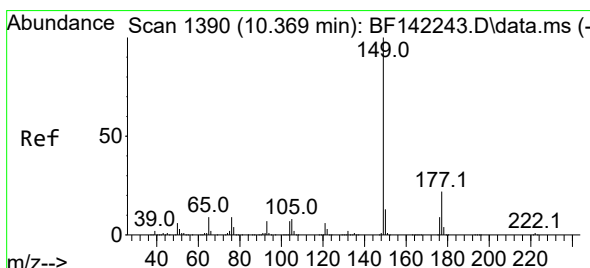
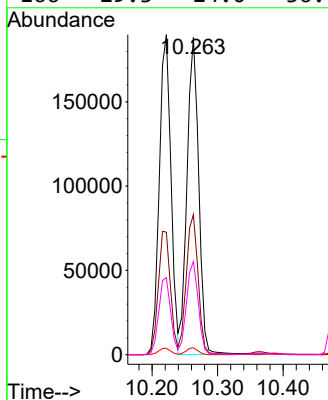
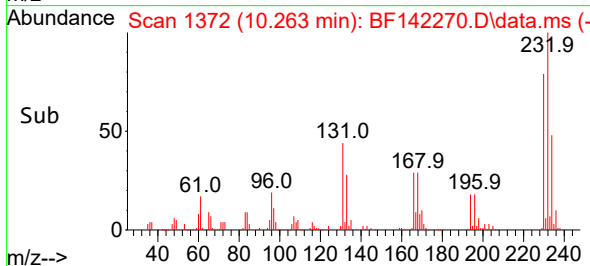
Tgt Ion:232 Resp: 23264
Ion Ratio Lower Upper
232 100
131 44.7 35.9 53.9
130 2.2 1.8 2.6
166 29.3 24.0 36.0

Manual Integrations
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Chavli

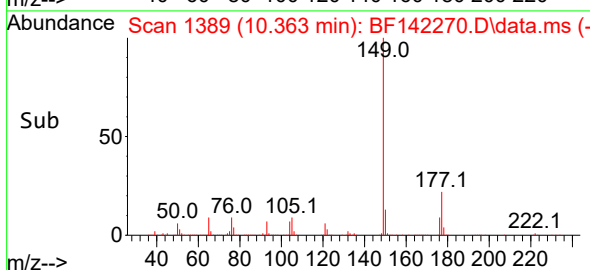
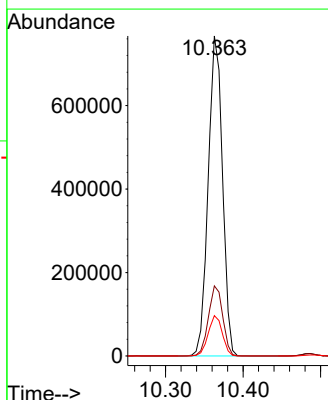
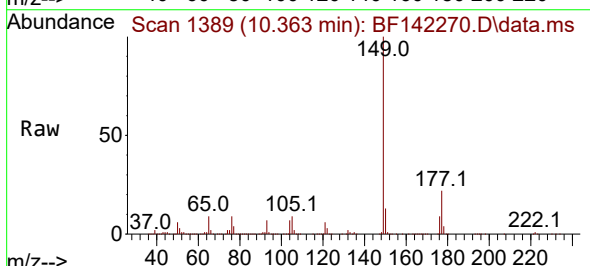
05/02/2025
Supervised By :Jagrut
Upadhyay

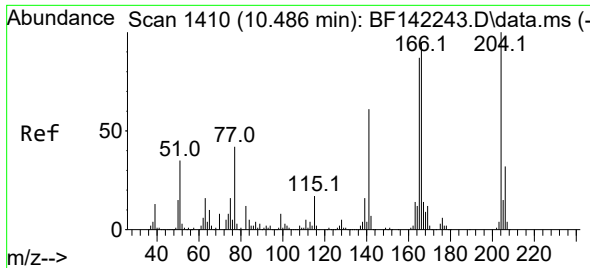
05/02/2025



#60
Diethylphthalate
Concen: 44.125 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

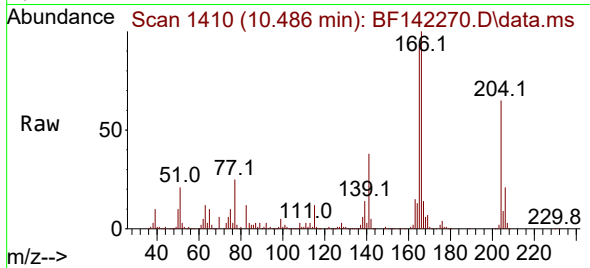
Tgt Ion:149 Resp: 980867
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.054 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



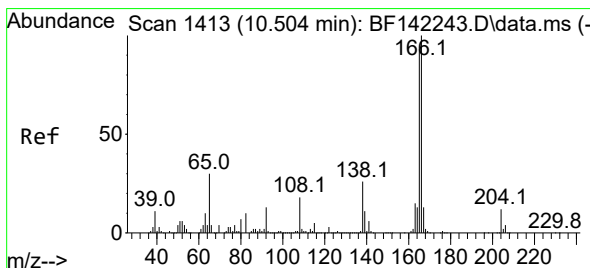
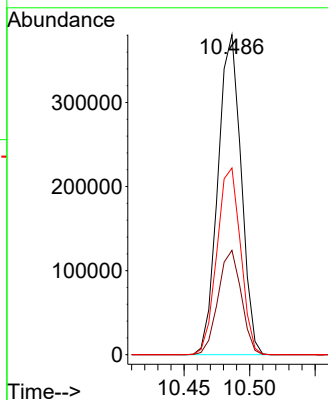
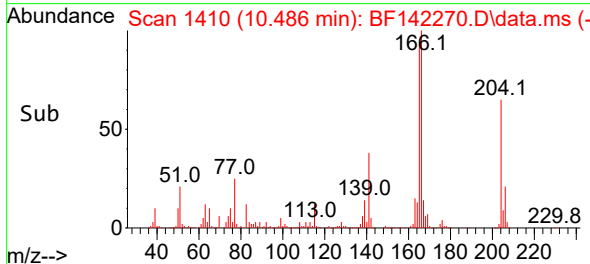
Tgt Ion:204 Resp: 467320
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.4 48.9 73.3

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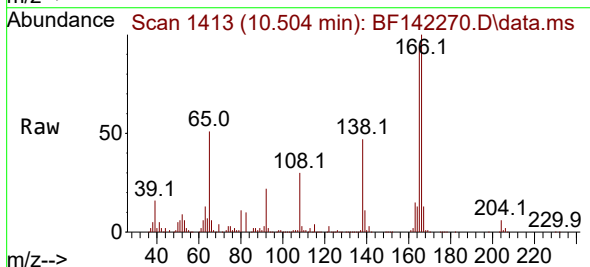
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

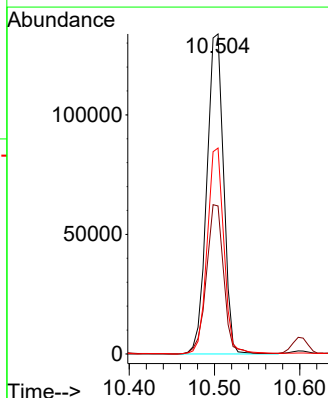
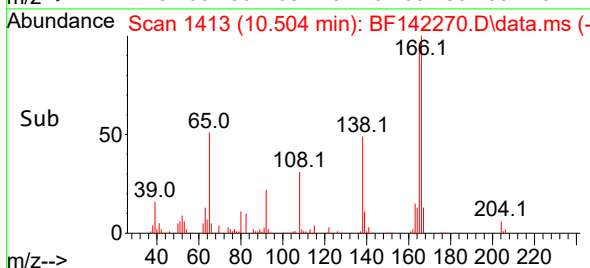
05/02/2025

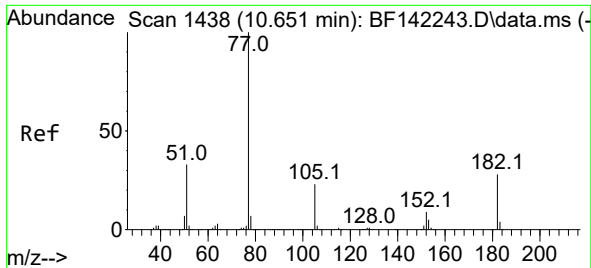


#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



Tgt Ion:138 Resp: 182663
Ion Ratio Lower Upper
138 100
92 46.3 29.2 69.2
108 64.3 49.1 89.1





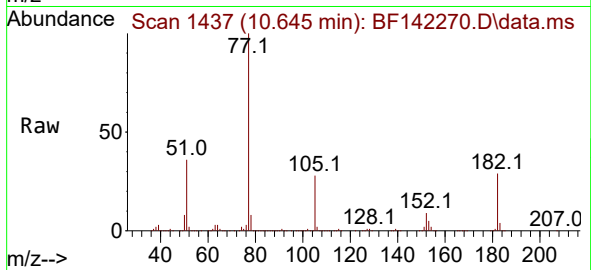
#63
Azobenzene
Concen: 46.824 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion: 77 Resp: 102783
Ion Ratio Lower Upper
77 100
182 28.6 7.3 47.3
105 27.6 2.5 42.5
51 35.6 14.4 54.4

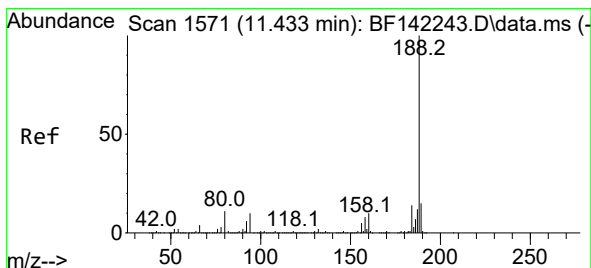
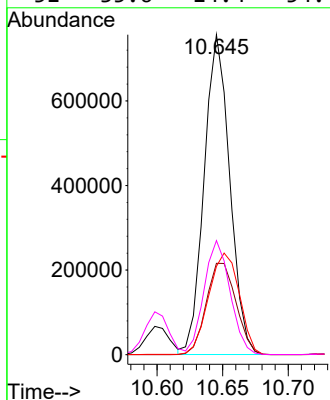
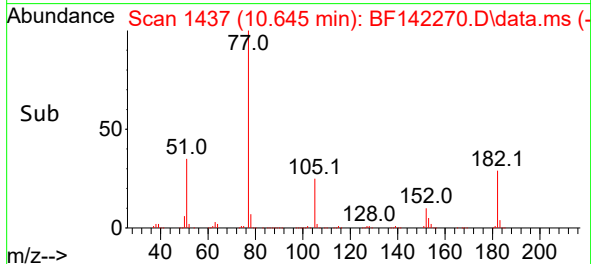
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Reviewed By :Rahul
Chavli

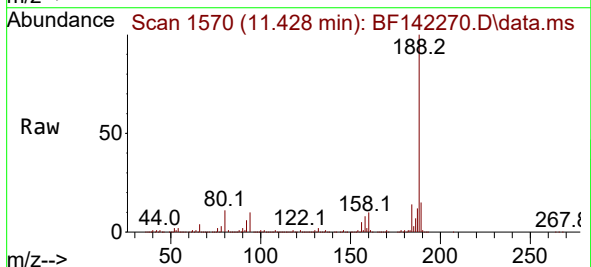
05/02/2025

Supervised By :Jagrut
Upadhyay

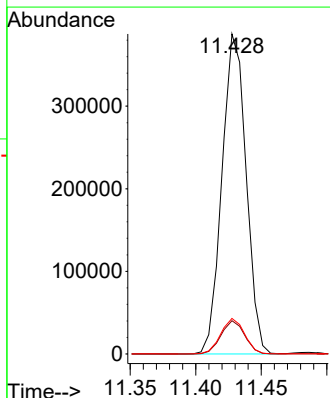
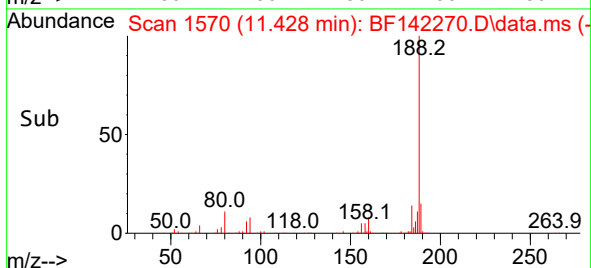
05/02/2025

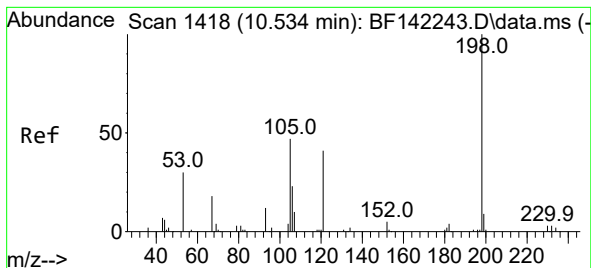


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



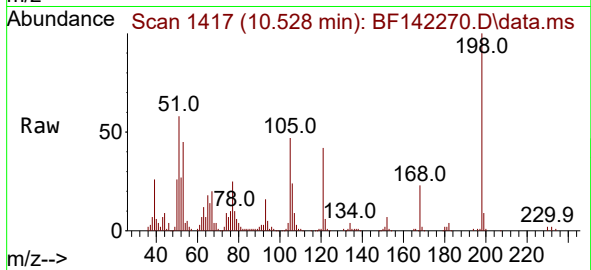
Tgt Ion:188 Resp: 496148
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 51.580 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



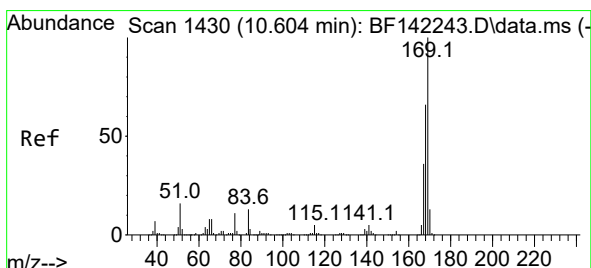
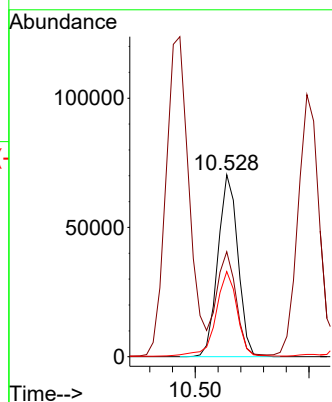
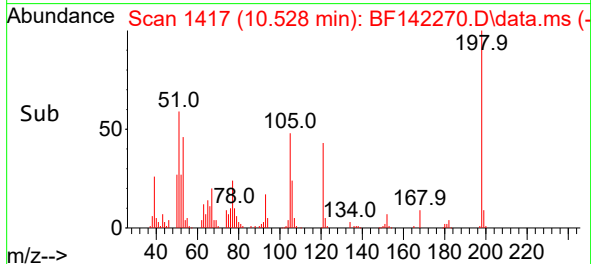
Tgt Ion:198 Resp: 85960
Ion Ratio Lower Upper
198 100
51 57.7 40.6 80.6
105 46.8 29.2 69.2

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Reviewed By :Rahul
Chavli

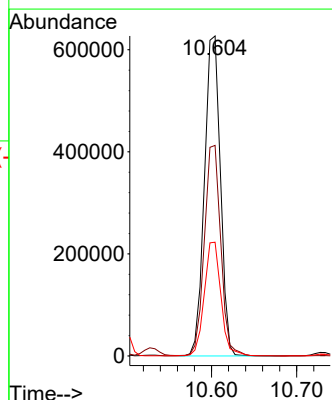
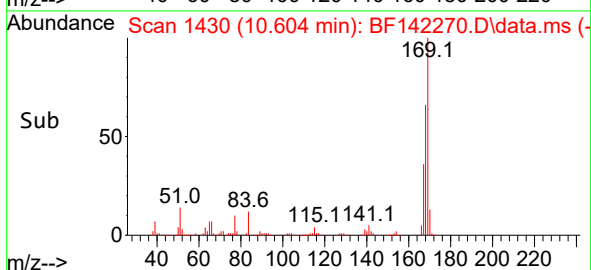
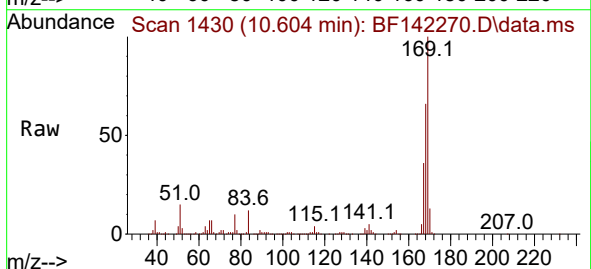
05/02/2025
Supervised By :Jagrut
Upadhyay

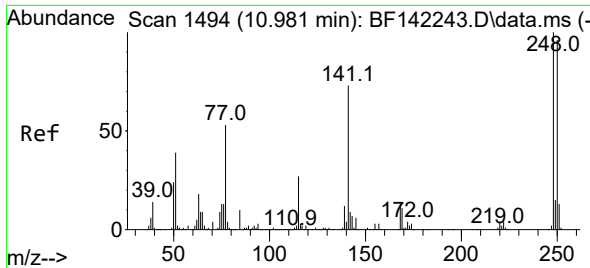
05/02/2025



#66
n-Nitrosodiphenylamine
Concen: 48.191 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

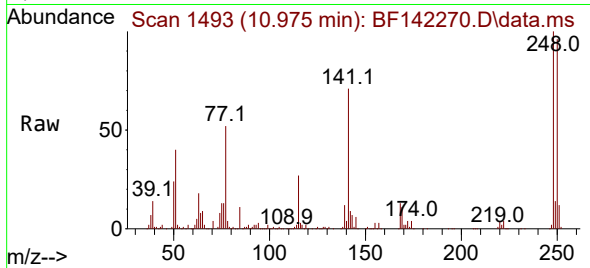
Tgt Ion:169 Resp: 816949
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.462 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



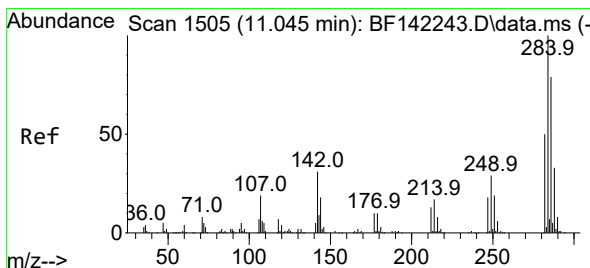
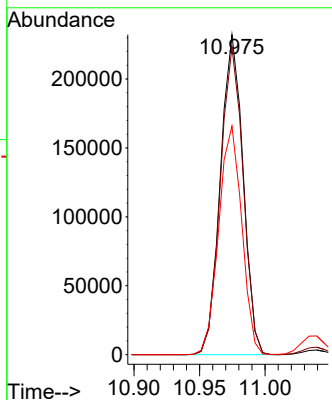
Tgt Ion:248 Resp: 278827
Ion Ratio Lower Upper
248 100
250 96.2 77.2 115.8
141 71.4 58.4 87.6

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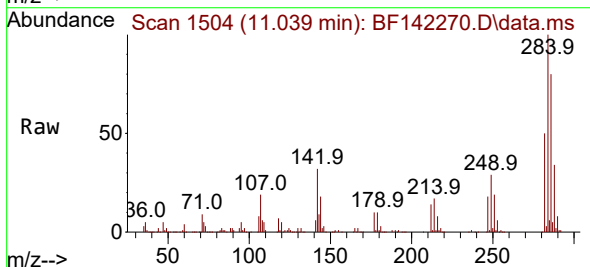
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

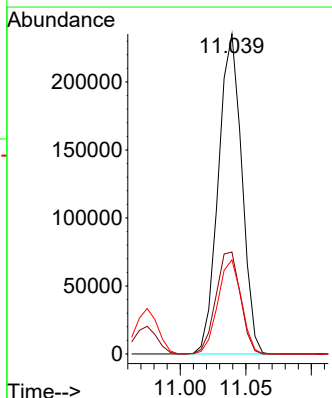
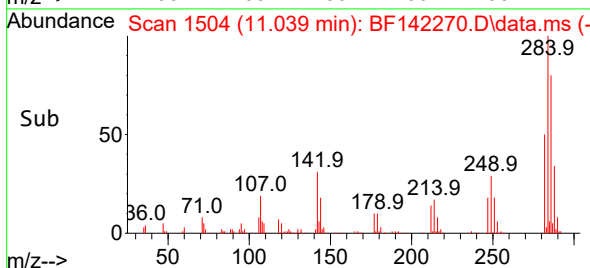
05/02/2025

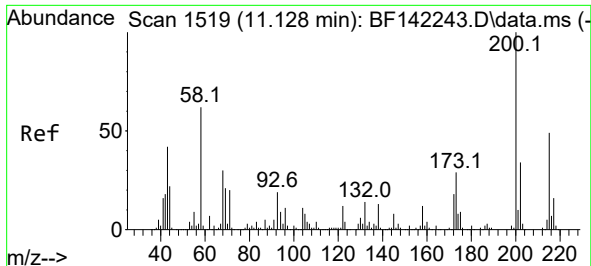


#68
Hexachlorobenzene
Concen: 47.230 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



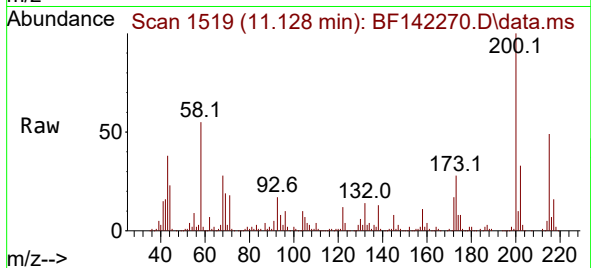
Tgt Ion:284 Resp: 292279
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 29.4 23.2 34.8





#69
Atrazine
Concen: 52.062 ng
RT: 11.128 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



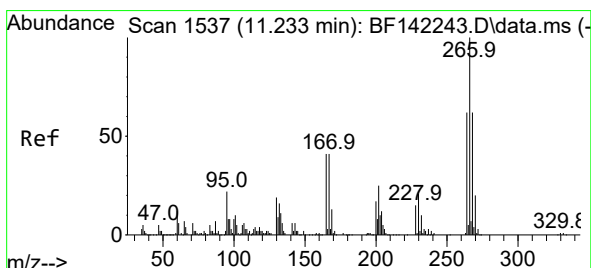
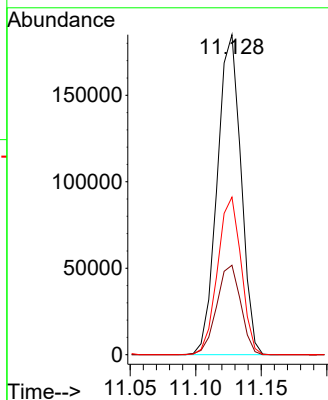
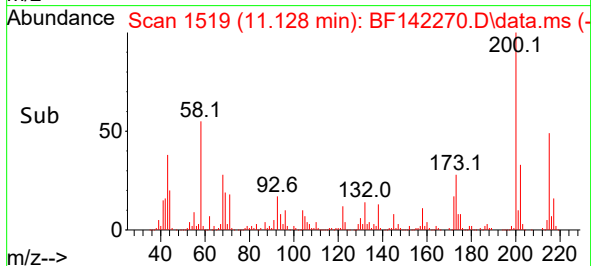
Tgt Ion:200 Resp: 23263
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 49.3 28.5 68.5

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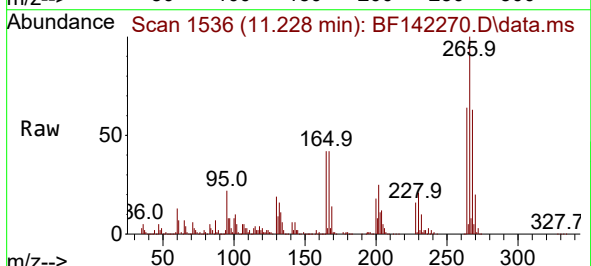
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

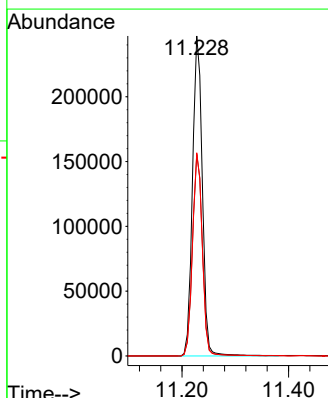
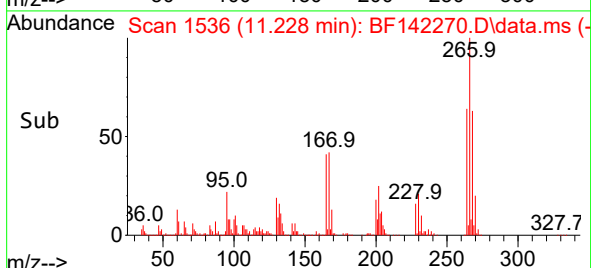
05/02/2025

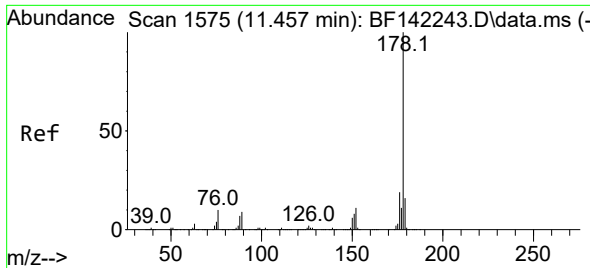


#70
Pentachlorophenol
Concen: 97.144 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.005 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



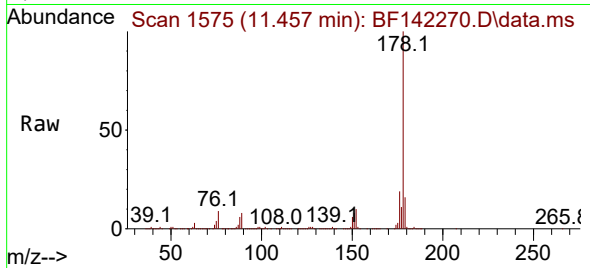
Tgt Ion:266 Resp: 317591
Ion Ratio Lower Upper
266 100
268 63.0 50.0 75.0
264 63.5 49.3 73.9





#71
Phenanthrene
Concen: 46.265 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



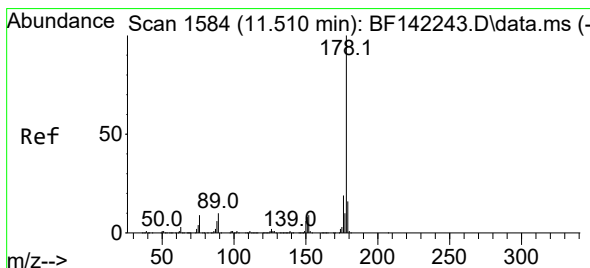
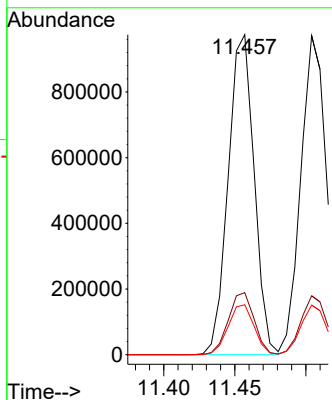
Tgt Ion:178 Resp: 1239899
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.6 19.0

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Chavli

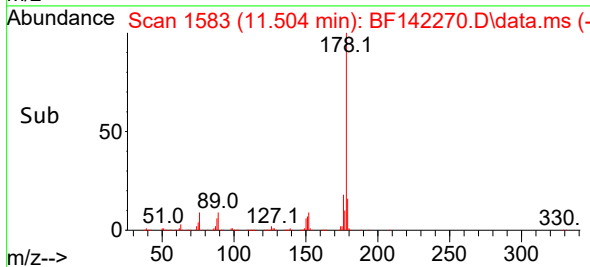
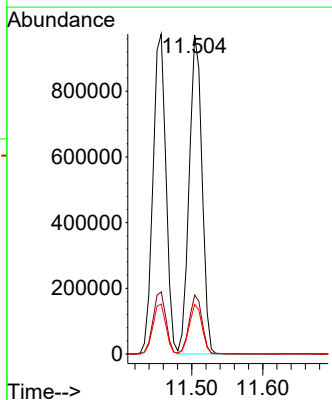
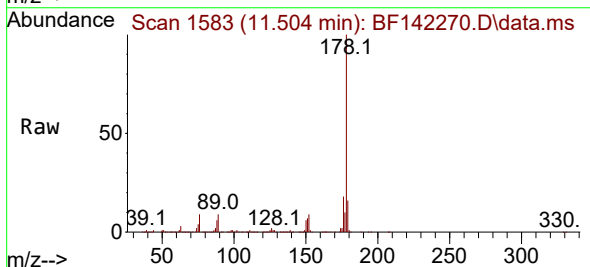
05/02/2025
Supervised By :Jagrut
Upadhyay

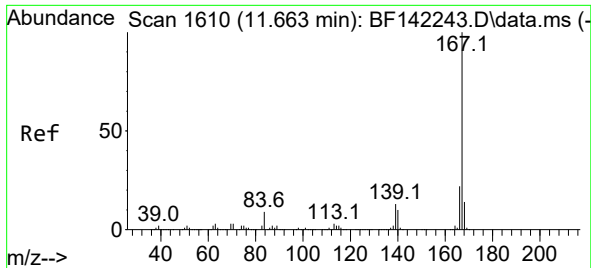
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#72
Anthracene
Concen: 44.230 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

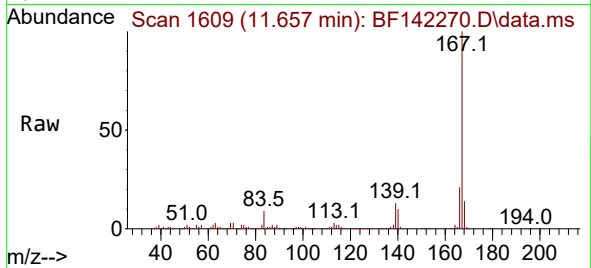
Tgt Ion:178 Resp: 1211937
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 43.067 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



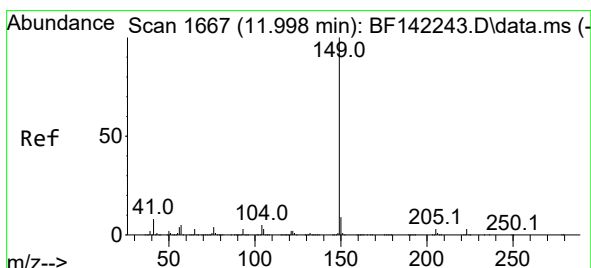
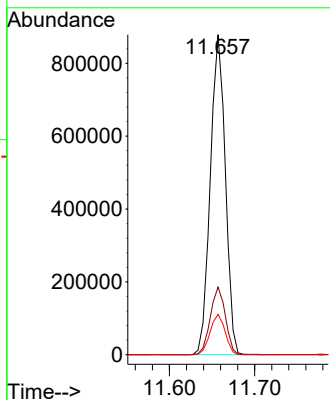
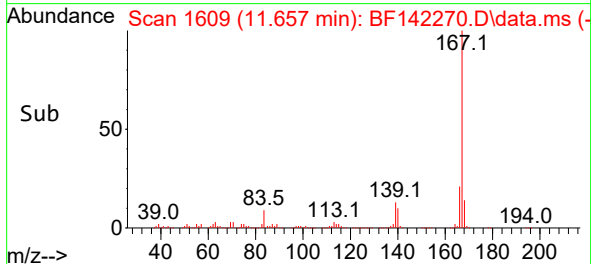
Tgt Ion:167 Resp: 107649
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.6 10.3 15.5

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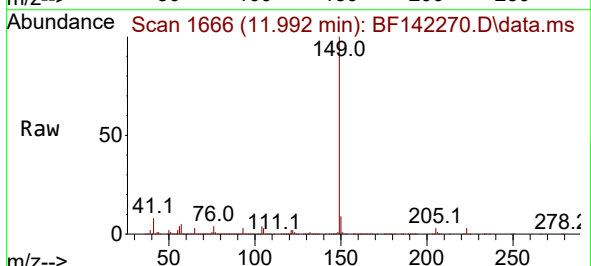
Reviewed By :Rahul
 Chavli

05/02/2025
 Supervised By :Jagrut
 Upadhyay

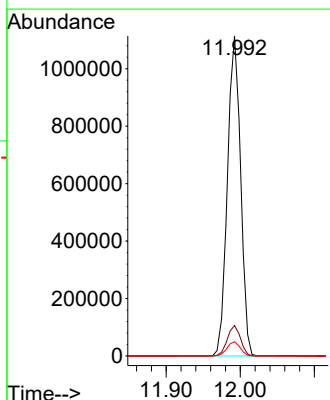
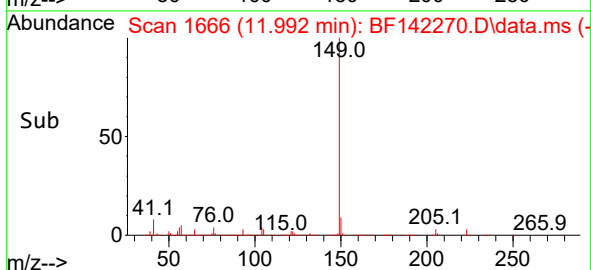
05/02/2025

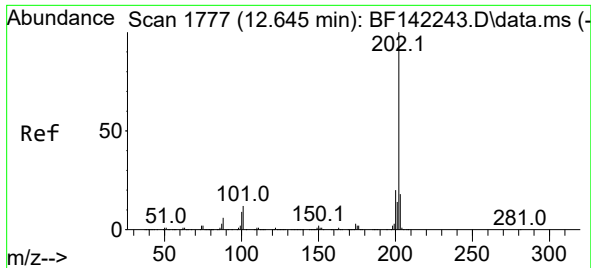


#74
 Di-n-butylphthalate
 Concen: 54.629 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52



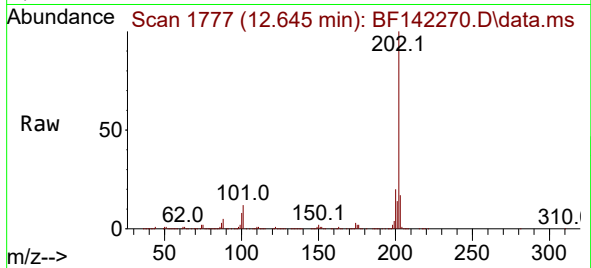
Tgt Ion:149 Resp: 1373313
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 48.407 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



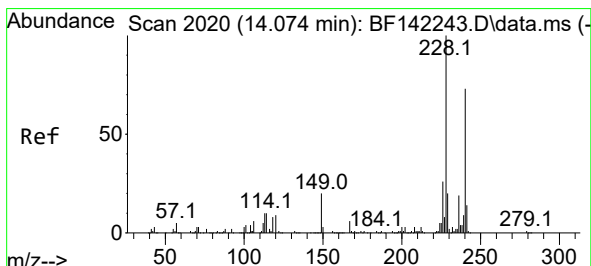
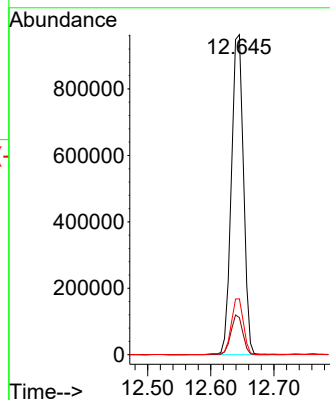
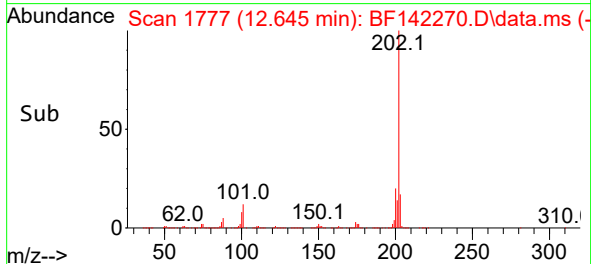
Tgt Ion:202 Resp: 1282408
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 17.5 0.0 37.5

Manual Integrations
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Reviewed By :Rahul
Chavli

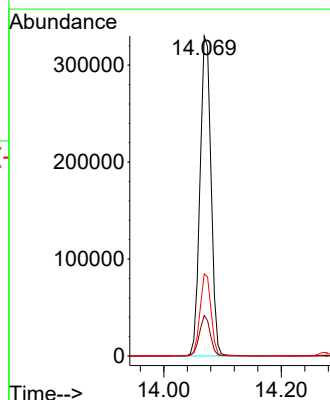
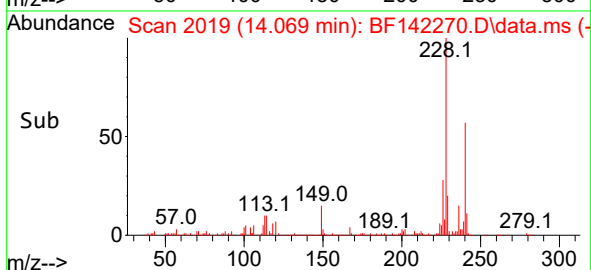
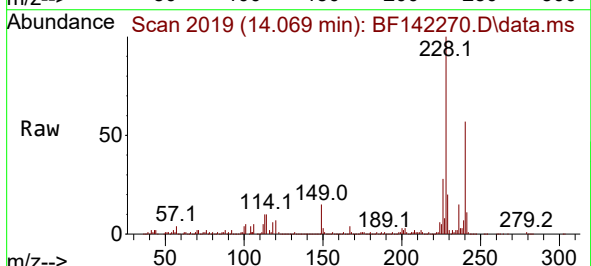
05/02/2025
Supervised By :Jagrut
Upadhyay

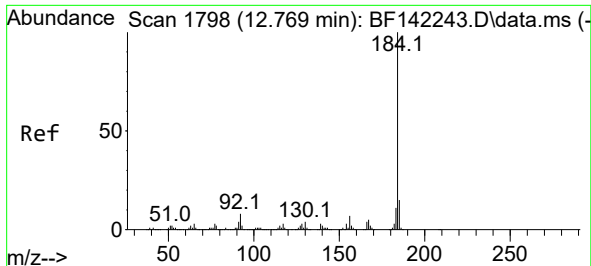
05/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

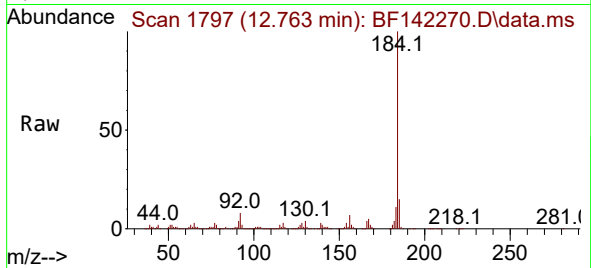
Tgt Ion:240 Resp: 429879
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 25.867 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



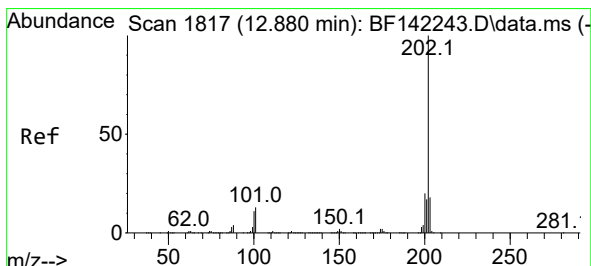
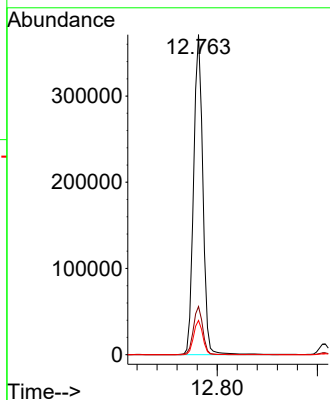
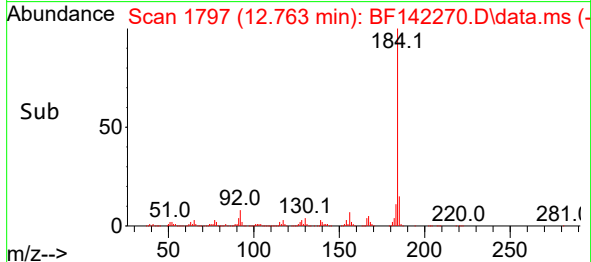
Tgt Ion:184 Resp: 472491
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 10.7 8.9 13.3

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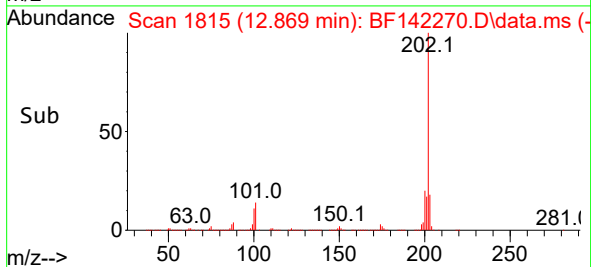
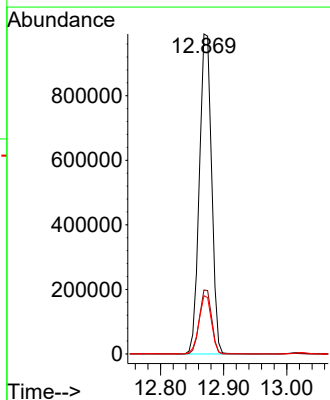
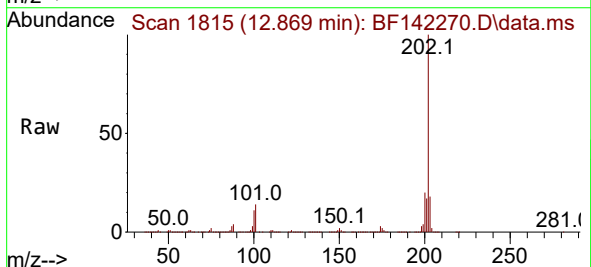
05/02/2025
Supervised By :Jagrut
Upadhyay

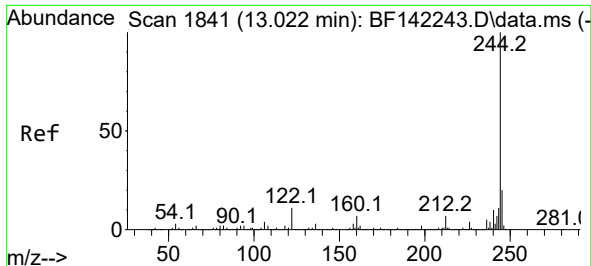
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#78
Pyrene
Concen: 33.599 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

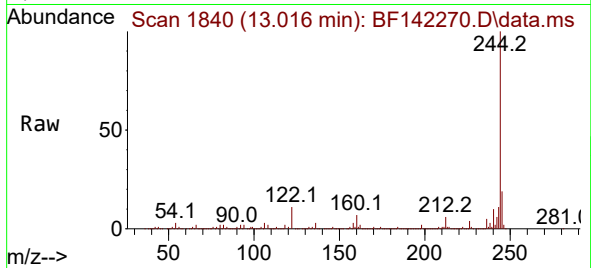
Tgt Ion:202 Resp: 1332351
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 18.2 14.1 21.1





#79
Terphenyl-d14
Concen: 42.105 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



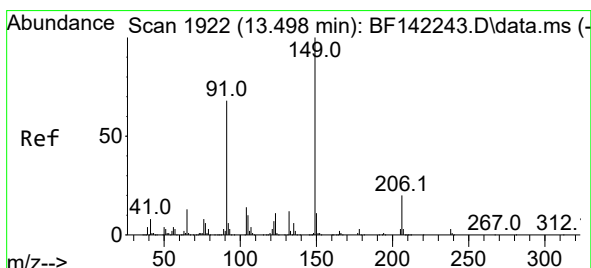
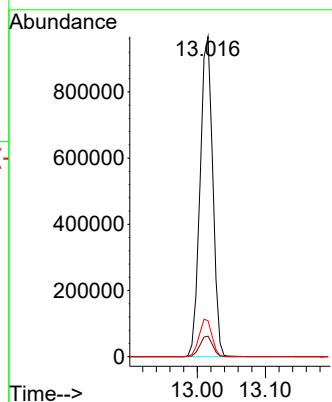
Tgt Ion:244 Resp: 1244500
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 11.3 9.1 13.7

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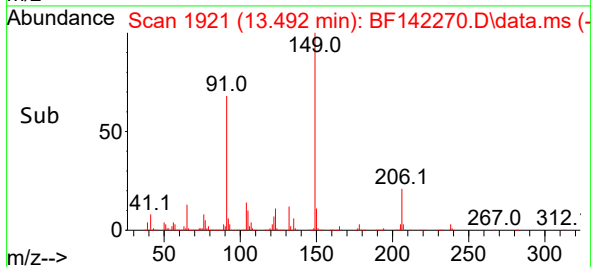
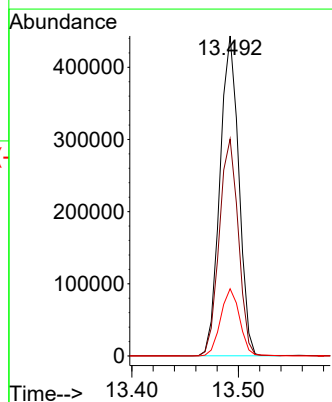
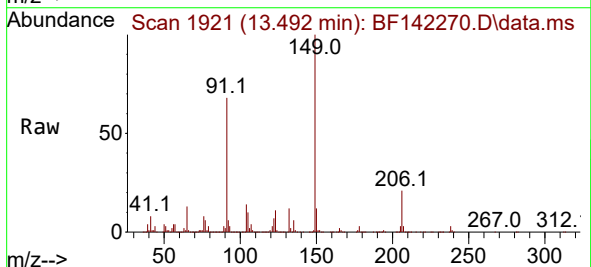
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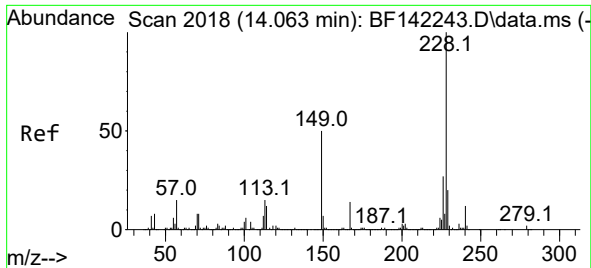
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#80
Butylbenzylphthalate
Concen: 50.031 ng
RT: 13.492 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

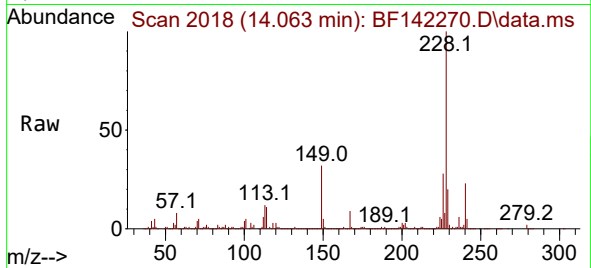
Tgt Ion:149 Resp: 544307
Ion Ratio Lower Upper
149 100
91 67.8 54.4 81.6
206 21.0 15.9 23.9





#81
Benzo(a)anthracene
Concen: 45.428 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



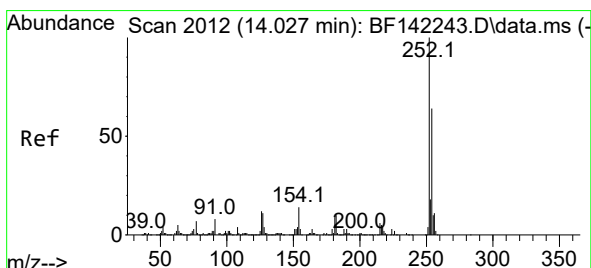
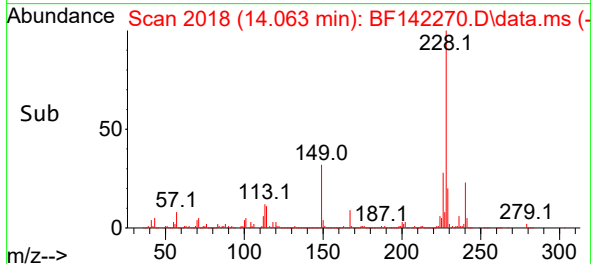
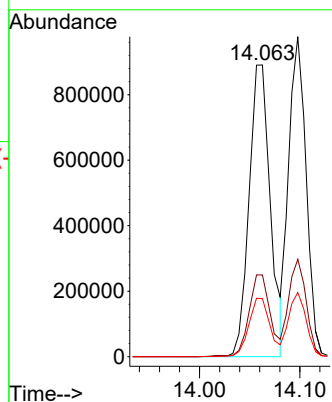
Tgt Ion:228 Resp: 1310994
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 19.9 16.0 24.0

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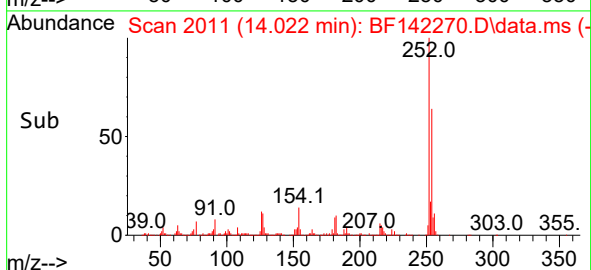
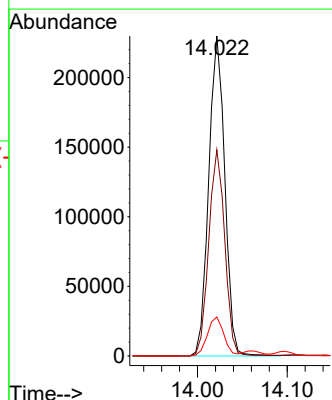
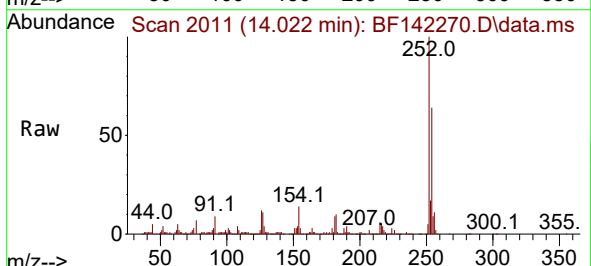
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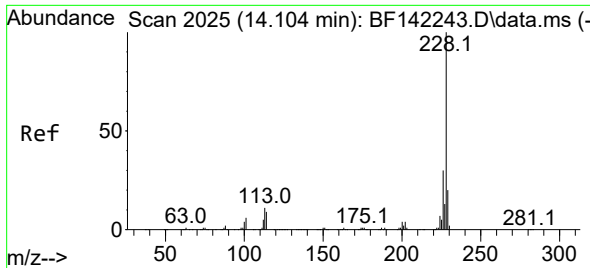
05/02/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.727 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

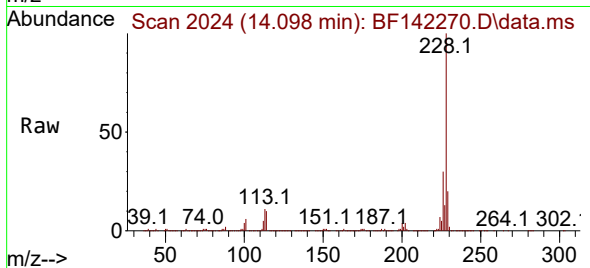
Tgt Ion:252 Resp: 285891
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 12.2 9.4 14.2





#83
Chrysene
Concen: 45.008 ng
RT: 14.098 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



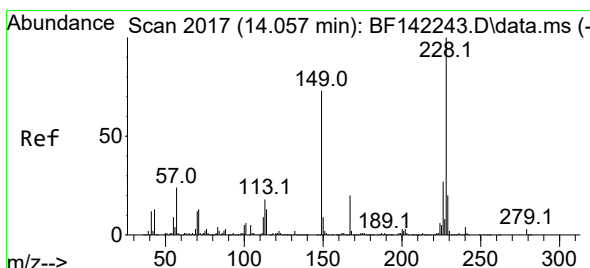
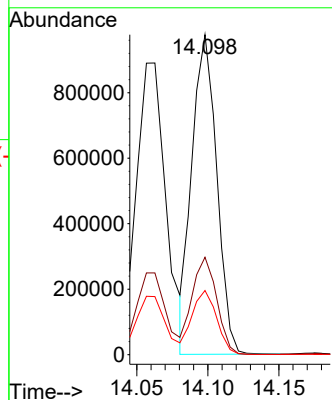
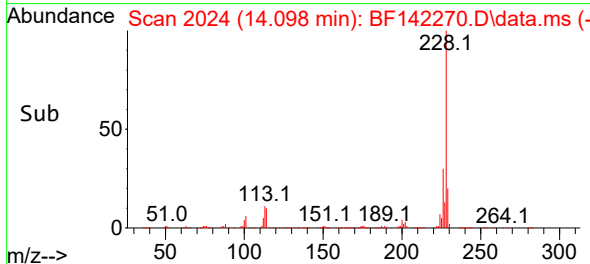
Tgt Ion:228 Resp: 118232
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 20.0 15.7 23.5

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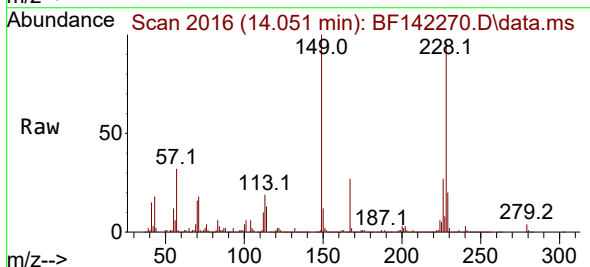
Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

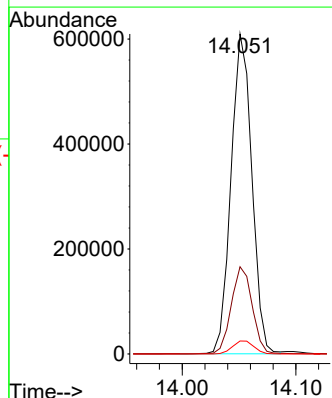
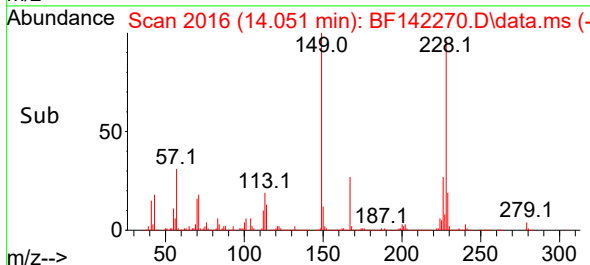
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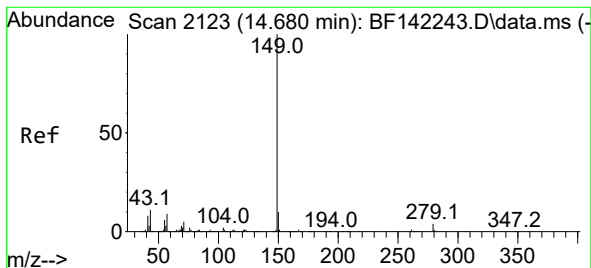


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.320 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52



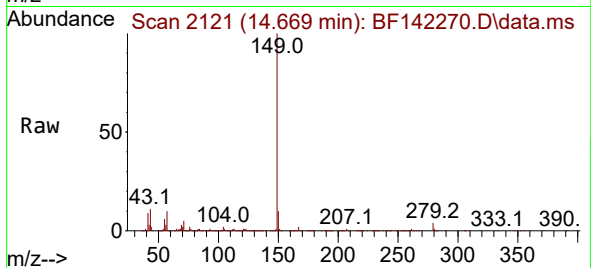
Tgt Ion:149 Resp: 774590
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 52.643 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



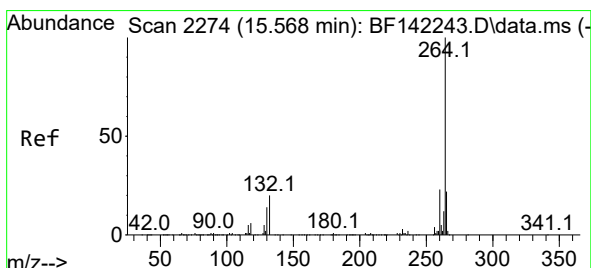
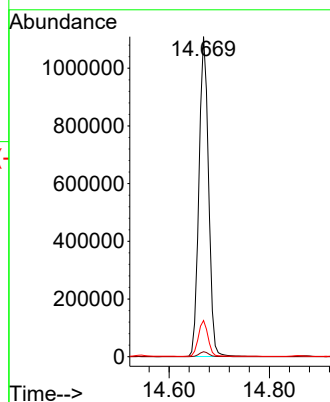
Tgt Ion:149 Resp: 1467740
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.2 9.3 13.9

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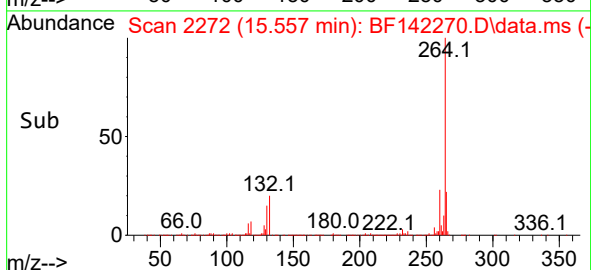
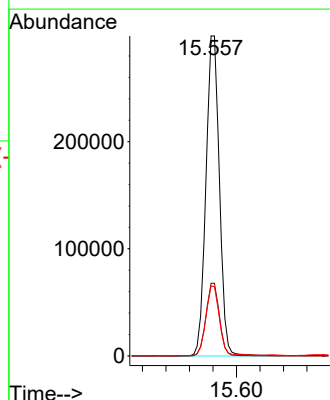
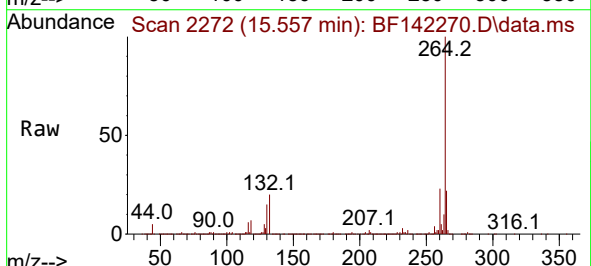
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Supervised By :Jagrut
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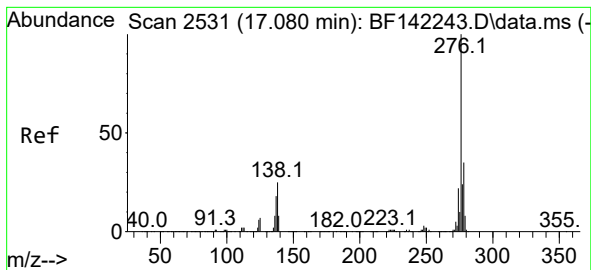
05/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:264 Resp: 473333
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.760 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:276 Resp: 113580

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

277 25.5 20.1 30.1

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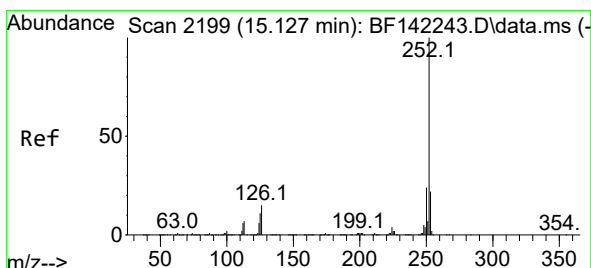
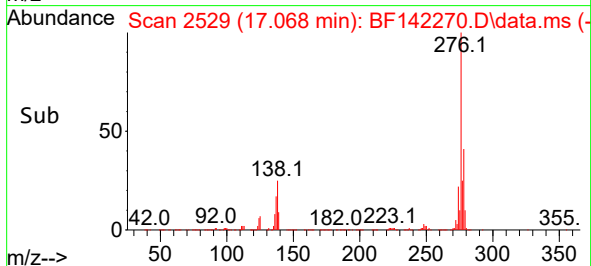
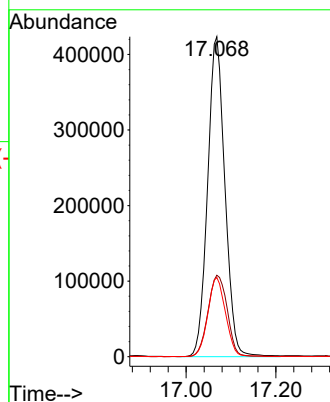
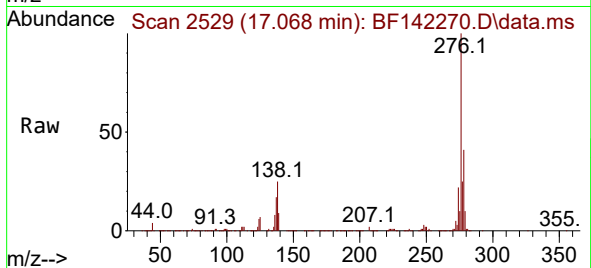
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#88

Benzo(b)fluoranthene

Concen: 48.634 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

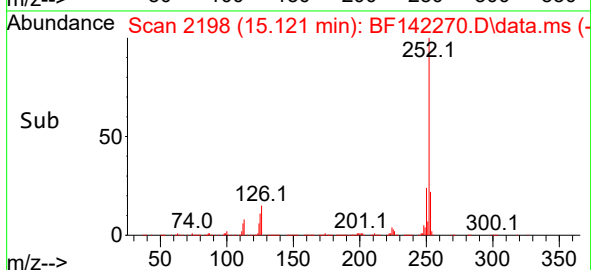
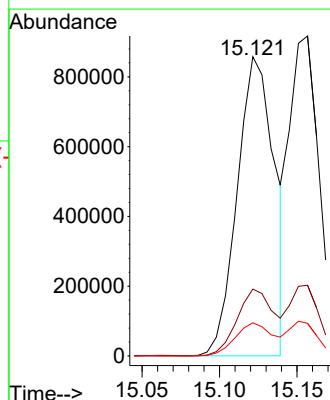
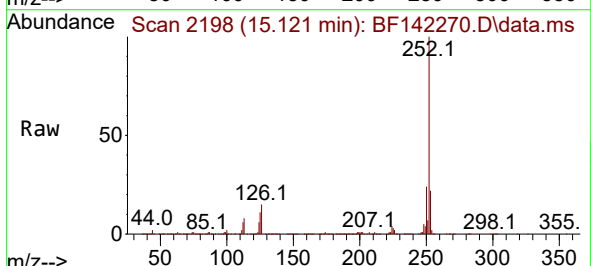
Tgt Ion:252 Resp: 1429910

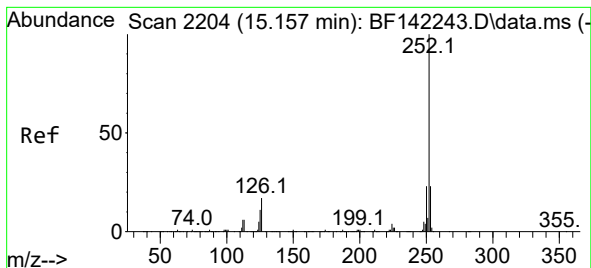
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

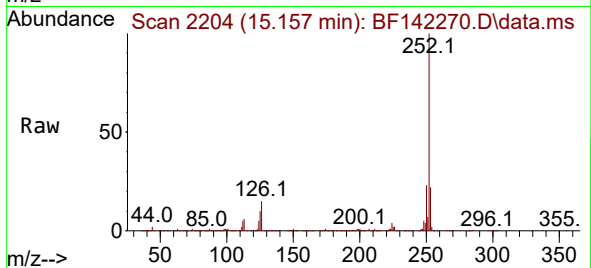
125 11.1 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 45.297 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



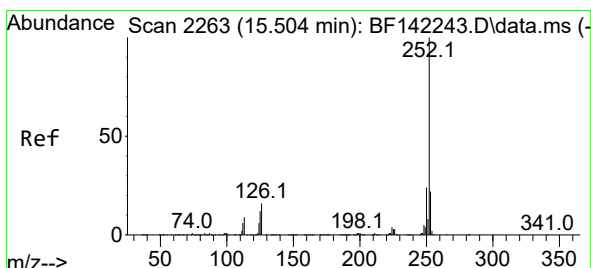
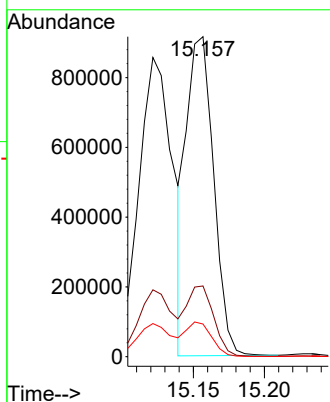
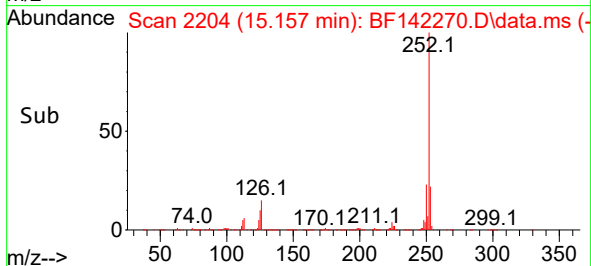
Tgt Ion:252 Resp: 121815
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.2 9.0 13.6

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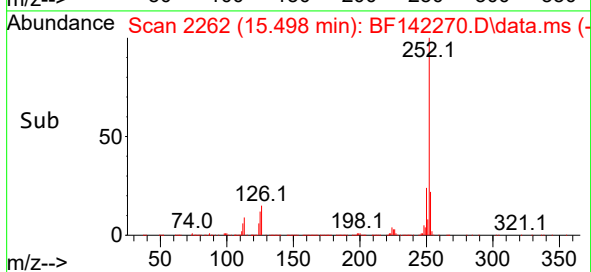
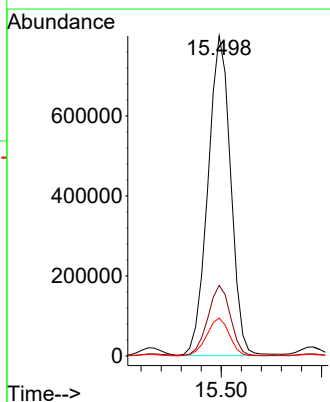
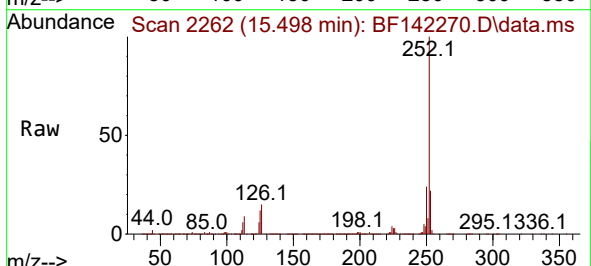
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Upadhyay

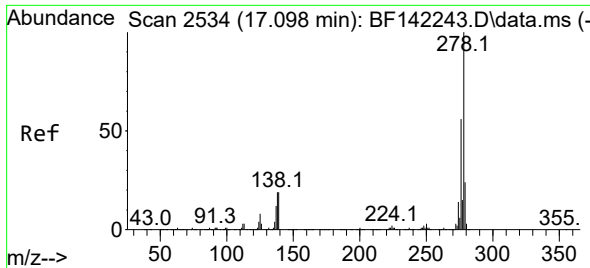
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#90
Benzo(a)pyrene
Concen: 46.890 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

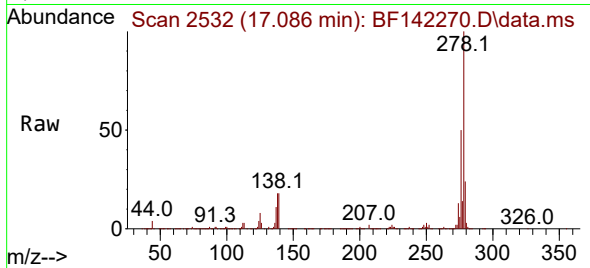
Tgt Ion:252 Resp: 1262185
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 33.147 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



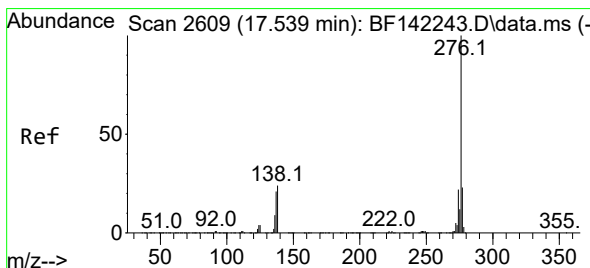
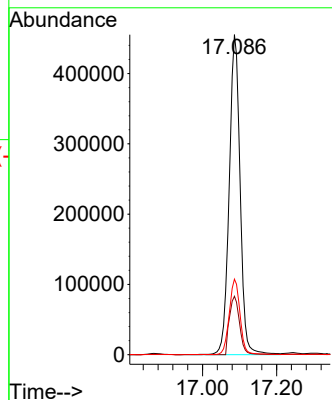
Tgt Ion:278 Resp: 932712
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.6 19.0 28.6

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05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 30.277 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:276 Resp: 856464
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 24.2 19.4 29.0

