

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144128.D
 Acq On : 29 Oct 2025 15:02
 Operator : RC/JU
 Sample : Q3427-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

10/30/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Oct 29 15:23:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58632	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	225036	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	126691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221499	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150723	20.000	ng	0.00
86) Perylene-d12	15.539	264	191043	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	497011	134.112	ng	0.02
7) Phenol-d6	6.510	99	536993	131.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	403131	98.146	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	255761	158.484	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	857048	95.196	ng	0.00
79) Terphenyl-d14	12.998	244	900993	104.505	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	68280	42.637	ng	# 74
3) Pyridine	3.522	79	124523	29.045	ng	98
4) n-Nitrosodimethylamine	3.463	42	120490	45.737	ng	93
6) Aniline	6.545	93	54181	9.253	ng	# 92
8) 2-Chlorophenol	6.669	128	176726	48.423	ng	97
10) Phenol	6.528	94	206581	40.912	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180971	49.600	ng	98
12) 1,3-Dichlorobenzene	6.822	146	207421	46.073	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210520	47.449	ng	98
14) 1,2-Dichlorobenzene	7.051	146	204799	47.706	ng	98
15) Benzyl Alcohol	7.022	79	163972	49.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	339108	49.452	ng	93
17) 2-Methylphenol	7.134	107	138304	49.272	ng	99
18) Hexachloroethane	7.393	117	70570	44.489	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	142211	53.732	ng	95
20) 3+4-Methylphenols	7.287	107	165258	49.802	ng	# 72
22) Acetophenone	7.287	105	269972	55.512	ng	96
24) Nitrobenzene	7.463	77	209452	48.204	ng	100
25) Isophorone	7.698	82	383797	53.445	ng	99
26) 2-Nitrophenol	7.775	139	101839	49.268	ng	99
27) 2,4-Dimethylphenol	7.810	122	173988	56.642	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	231654	51.728	ng	98
29) 2,4-Dichlorophenol	8.022	162	183704	51.426	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	186163	50.657	ng	99
31) Naphthalene	8.181	128	507996	47.829	ng	99
32) Benzoic acid	7.945	122	124449	63.871	ng	# 85
33) 4-Chloroaniline	8.234	127	13267	3.588	ng	95
34) Hexachlorobutadiene	8.298	225	135053	44.943	ng	98
35) Caprolactam	8.598	113	46789m	52.232	ng	
36) 4-Chloro-3-methylphenol	8.716	107	166611	52.853	ng	97
37) 2-Methylnaphthalene	8.875	142	326905	46.683	ng	95
38) 1-Methylnaphthalene	8.975	142	333527	50.273	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	227580	52.268	ng	99
41) Hexachlorocyclopentadiene	9.028	237	174921	130.069	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	147786	52.218	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	156703	52.758	ng	96

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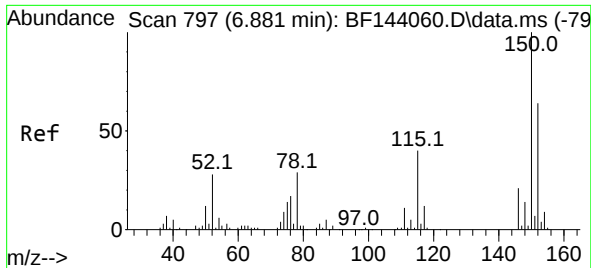
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	490660	54.102	ng	100
47) 2-Chloronaphthalene	9.363	162	372919	49.082	ng	98
48) 2-Nitroaniline	9.463	65	117578	52.114	ng	97
49) Acenaphthylene	9.781	152	585529	57.154	ng	99
50) Dimethylphthalate	9.639	163	465880	56.101	ng	100
51) 2,6-Dinitrotoluene	9.704	165	96167	58.578	ng	95
52) Acenaphthene	9.951	154	325442	47.566	ng	99
53) 3-Nitroaniline	9.875	138	11177	6.124	ng	92
54) 2,4-Dinitrophenol	9.986	184	102318	115.232	ng	98
55) Dibenzofuran	10.128	168	489325	51.517	ng	98
56) 4-Nitrophenol	10.039	139	115774	93.669	ng	91
57) 2,4-Dinitrotoluene	10.110	165	128780	58.122	ng	97
58) Fluorene	10.469	166	378814	52.342	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	122911	58.723	ng	99
60) Diethylphthalate	10.339	149	426164	54.569	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	211510	51.968	ng	98
62) 4-Nitroaniline	10.486	138	70579	40.810	ng	94
63) Azobenzene	10.622	77	395412	53.495	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76836	54.068	ng	95
66) n-Nitrosodiphenylamine	10.581	169	350057	49.464	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	147882	53.323	ng	98
68) Hexachlorobenzene	11.022	284	177748	52.260	ng	97
69) Atrazine	11.104	200	58611	25.239	ng	99
70) Pentachlorophenol	11.216	266	181809	112.298	ng	97
71) Phenanthrene	11.433	178	567418	51.569	ng	99
72) Anthracene	11.486	178	577547	50.812	ng	99
73) Carbazole	11.639	167	443592	45.851	ng	97
74) Di-n-butylphthalate	11.969	149	640621	54.009	ng	99
75) Fluoranthene	12.627	202	560069	46.072	ng	99
77) Benzidine	12.763	184	13841m	2.951	ng	
78) Pyrene	12.857	202	560881	51.761	ng	99
80) Butylbenzylphthalate	13.469	149	225098	54.910	ng	99
81) Benzo(a)anthracene	14.045	228	527127	51.750	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	21724	6.127	ng	99
83) Chrysene	14.086	228	511132	53.474	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	303321	54.199	ng	99
85) Di-n-octyl phthalate	14.645	149	528604	54.924	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	564309	43.024	ng	98
88) Benzo(b)fluoranthene	15.104	252	587435	54.391	ng	100
89) Benzo(k)fluoranthene	15.139	252	522551	52.440	ng	99
90) Benzo(a)pyrene	15.480	252	546298	56.382	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	464083	44.699	ng	99
92) Benzo(g,h,i)perylene	17.504	276	411523	39.424	ng	98

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

10/30/2025

Abundance



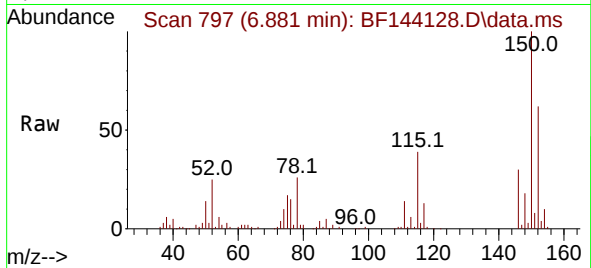


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:152 Resp: 58632
Ion Ratio Lower Upper
152 100
150 161.1 124.4 186.6
115 63.2 49.4 74.0

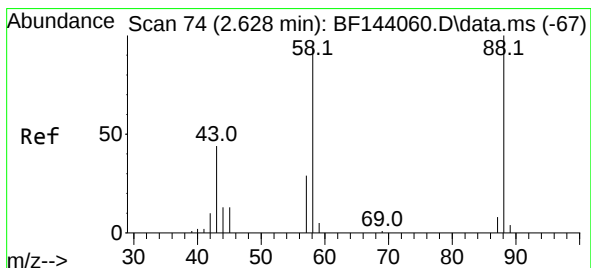
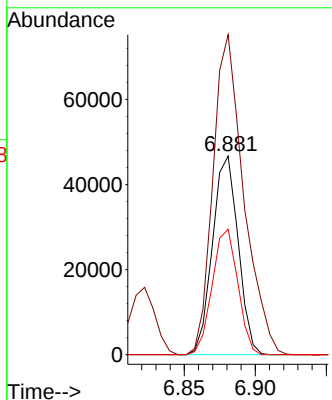
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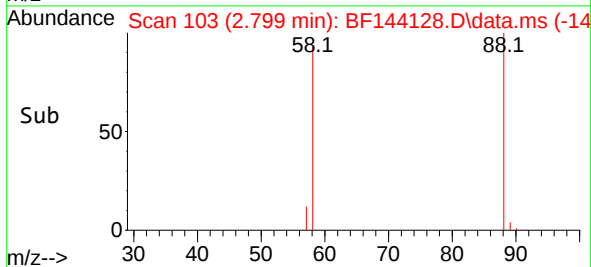
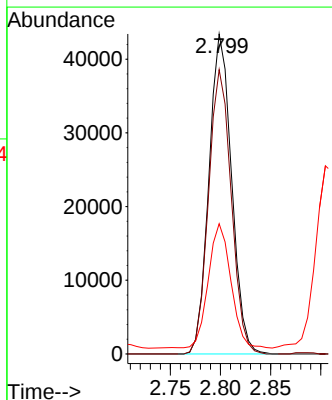
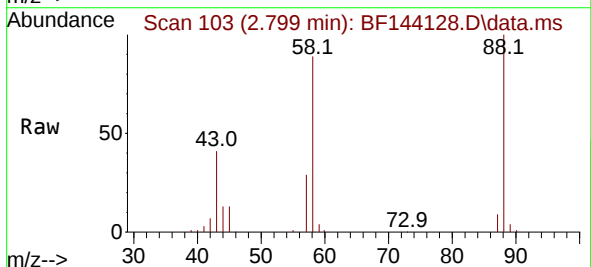
Supervised By :Jagrut
Upadhyay

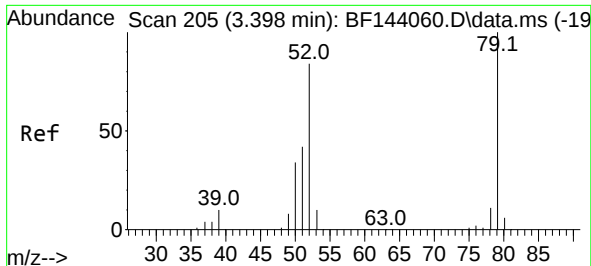
10/30/2025



#2
1,4-Dioxane
Concen: 42.637 ng
RT: 2.799 min Scan# 103
Delta R.T. 0.171 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

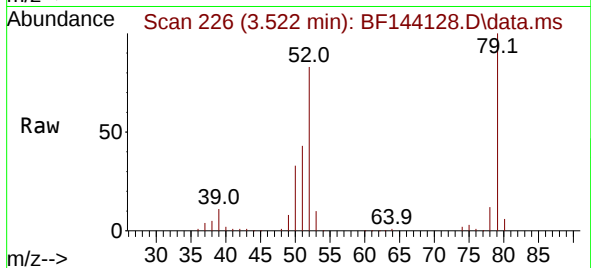
Tgt Ion: 88 Resp: 68280
Ion Ratio Lower Upper
88 100
58 89.1 76.5 114.7
43 0.0 35.3 52.9





#3
Pyridine
Concen: 29.045 ng
RT: 3.522 min Scan# 216
Delta R.T. 0.124 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



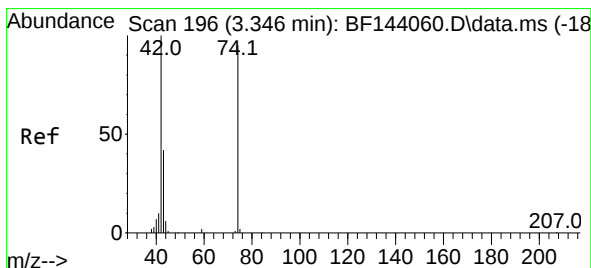
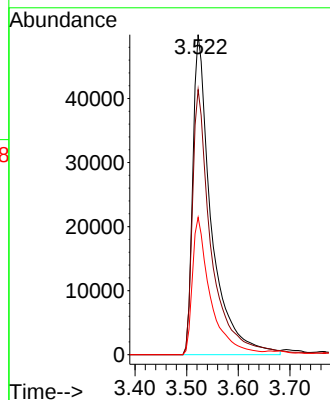
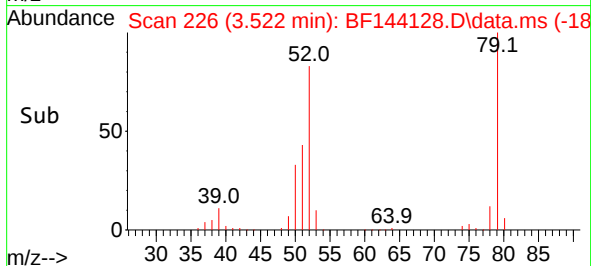
Tgt Ion: 79 Resp: 12452
Ion Ratio Lower Upper
79 100
52 82.8 67.5 101.3
51 42.9 33.6 50.4

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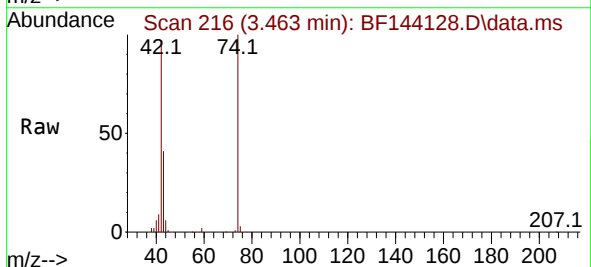
Reviewed By :Rahul
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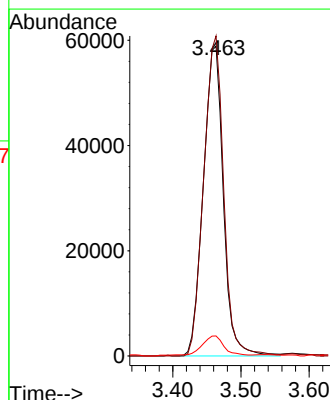
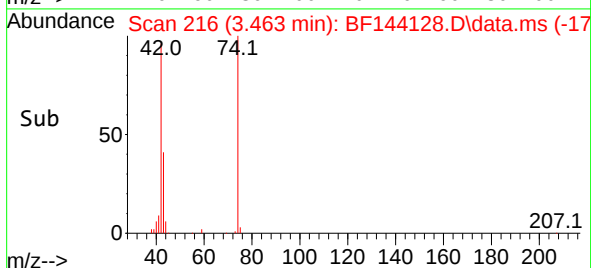
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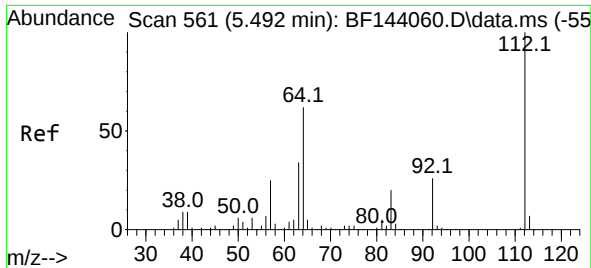


#4
n-Nitrosodimethylamine
Concen: 45.737 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.118 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion: 42 Resp: 120490
Ion Ratio Lower Upper
42 100
74 103.3 76.4 114.6
44 6.5 5.2 7.8



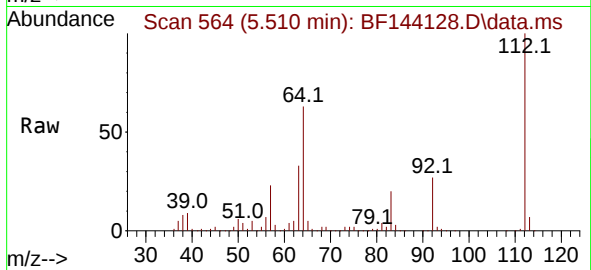


#5
2-Fluorophenol
Concen: 134.112 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:112 Resp: 49701
Ion Ratio Lower Upper
112 100
64 62.7 49.8 74.8
63 33.0 27.4 41.2

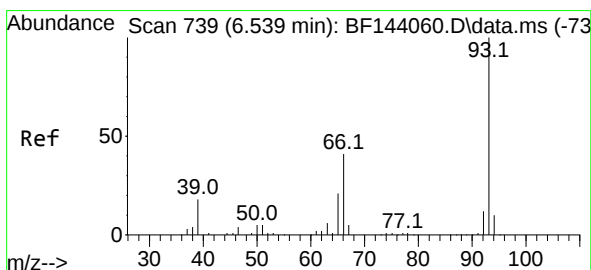
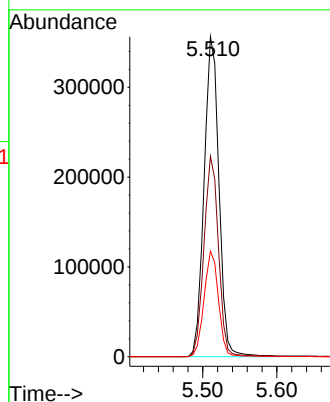
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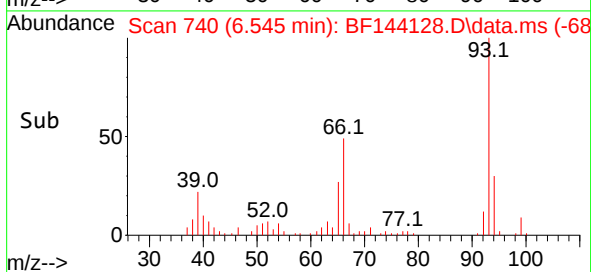
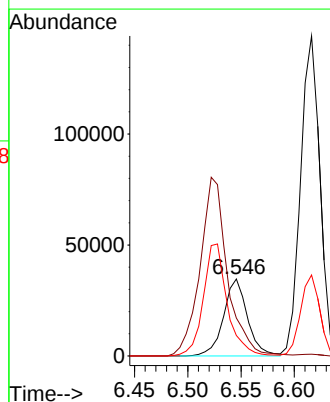
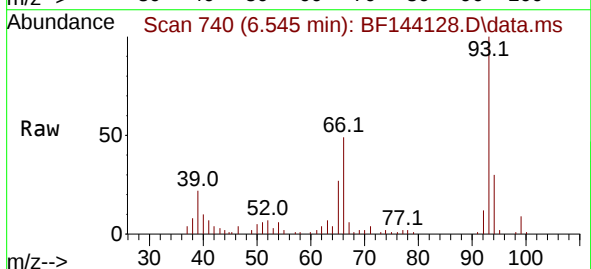
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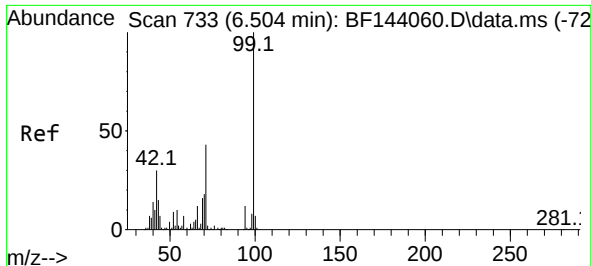
10/30/2025



#6
Aniline
Concen: 9.253 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

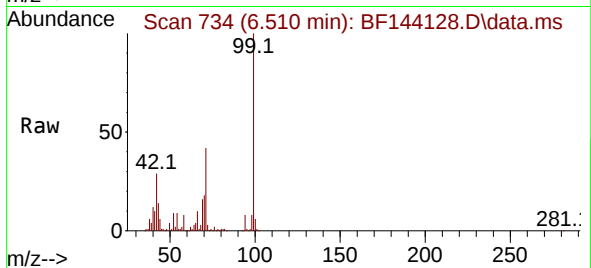
Tgt Ion: 93 Resp: 54181
Ion Ratio Lower Upper
93 100
66 49.2 35.7 53.5
65 26.6 17.0 25.6#





#7
Phenol-d6
Concen: 131.204 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



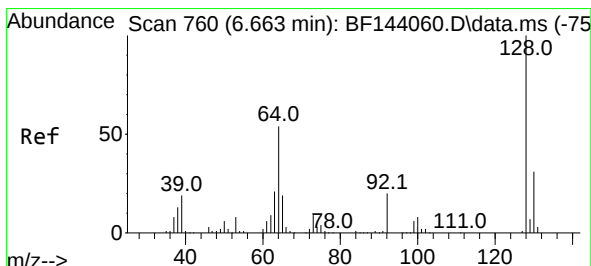
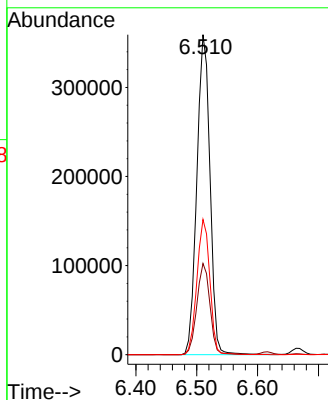
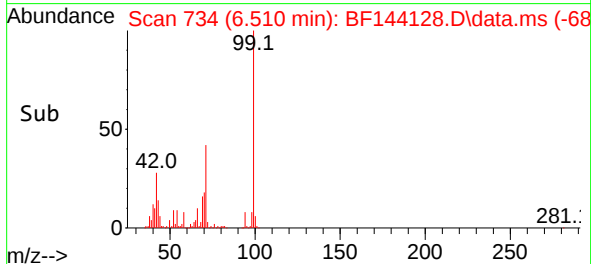
Tgt Ion: 99 Resp: 53699
Ion Ratio Lower Upper
99 100
42 28.5 23.9 35.9
71 42.3 34.4 51.6

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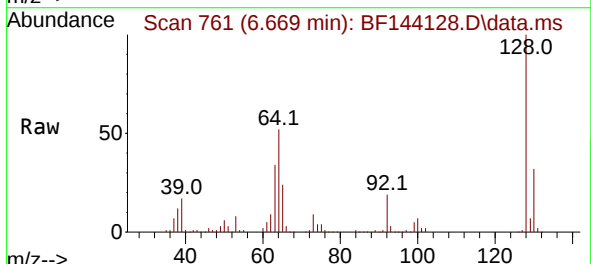
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Supervised By :Jagrut
Upadhyay

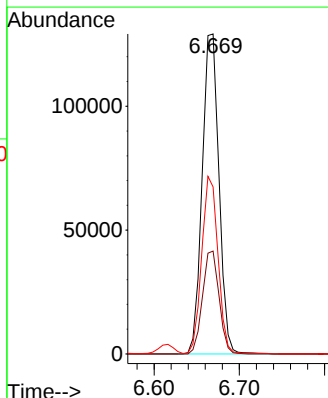
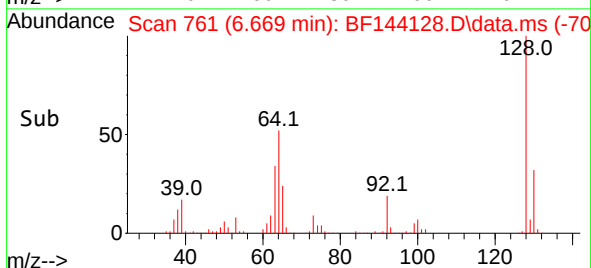
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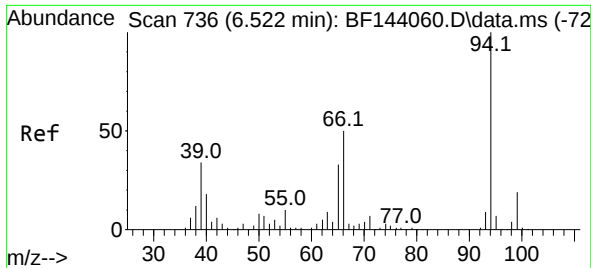


#8
2-Chlorophenol
Concen: 48.423 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



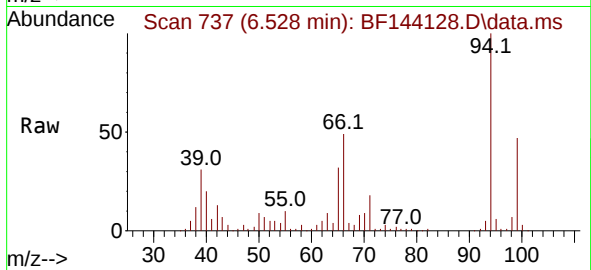
Tgt Ion:128 Resp: 176726
Ion Ratio Lower Upper
128 100
130 32.1 10.7 50.7
64 52.2 34.7 74.7





#10
Phenol
Concen: 40.912 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
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ClientSampleId :



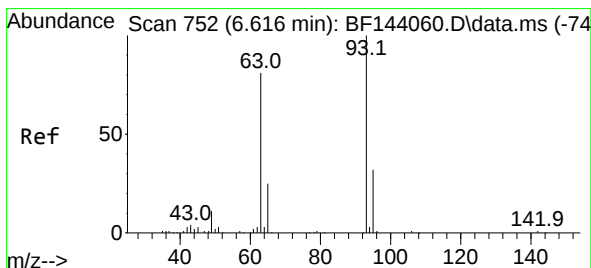
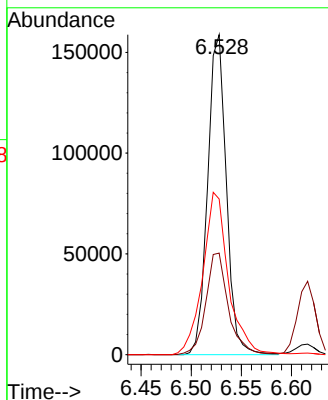
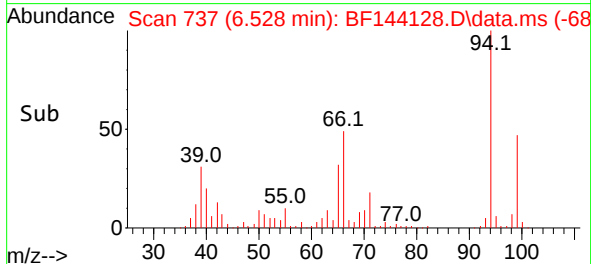
Tgt Ion: 94 Resp: 20658
Ion Ratio Lower Upper
94 100
65 31.8 13.1 53.1
66 48.6 30.6 70.6

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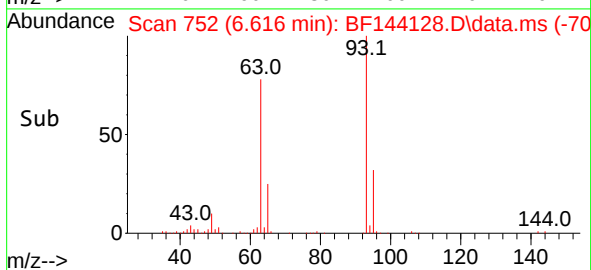
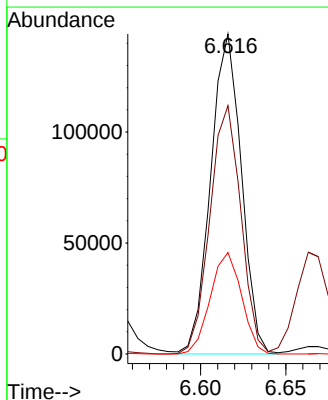
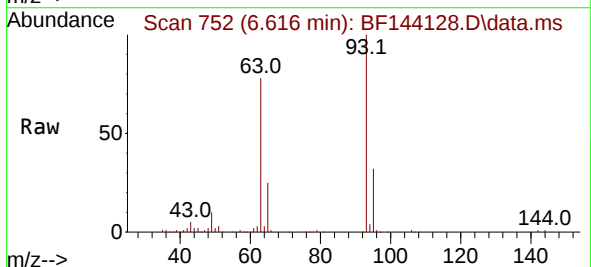
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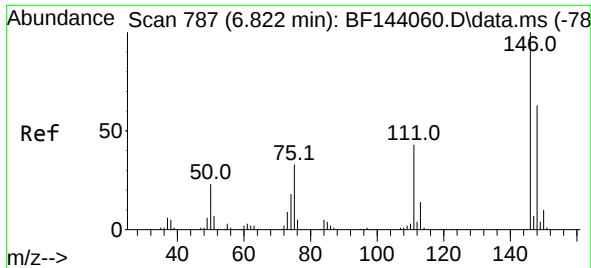
10/30/2025



#11
bis(2-Chloroethyl)ether
Concen: 49.600 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

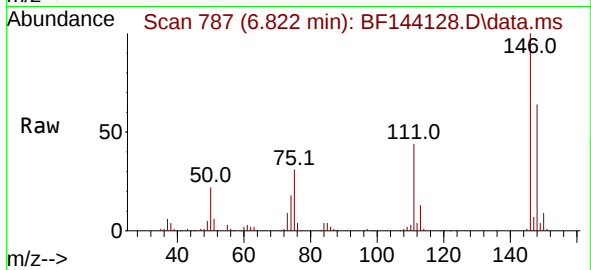
Tgt Ion: 93 Resp: 180971
Ion Ratio Lower Upper
93 100
63 77.6 60.2 100.2
95 31.7 12.4 52.4





#12
1,3-Dichlorobenzene
Concen: 46.073 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



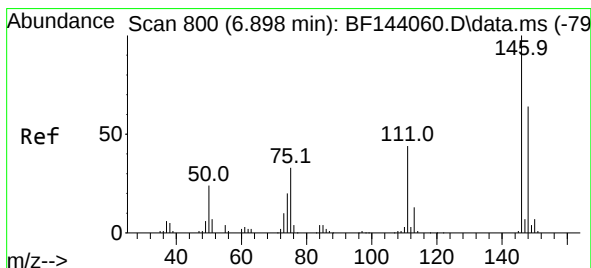
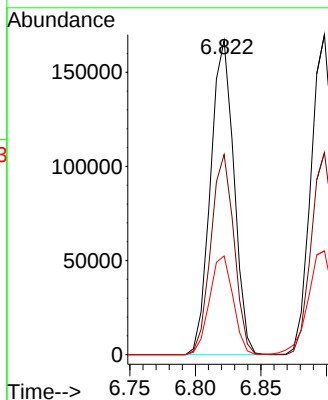
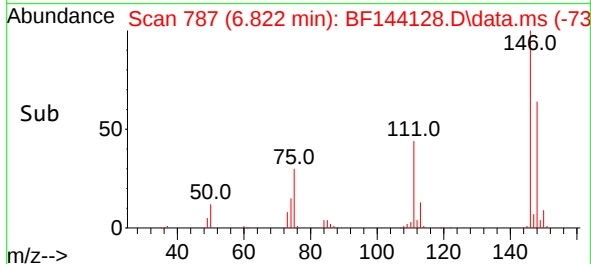
Tgt Ion:146 Resp: 20742
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 31.4 26.6 40.0

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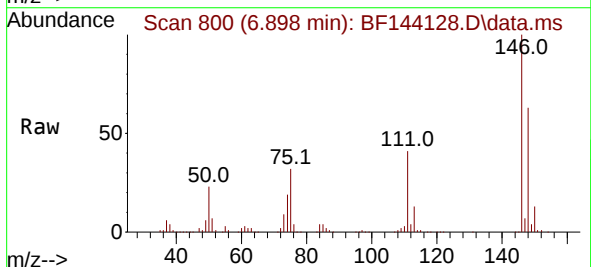
Reviewed By :Rahul
Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

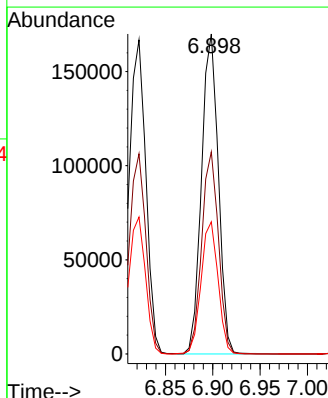
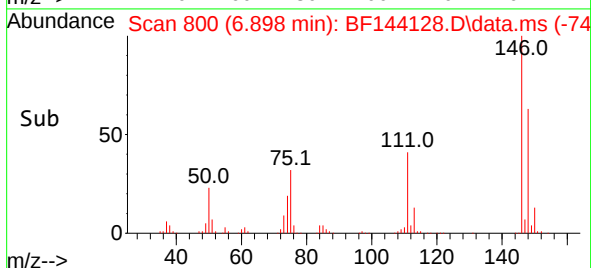
10/30/2025

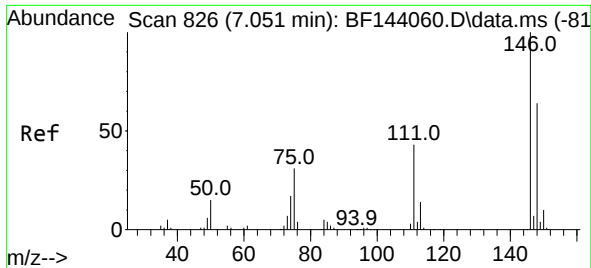


#13
1,4-Dichlorobenzene
Concen: 47.449 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



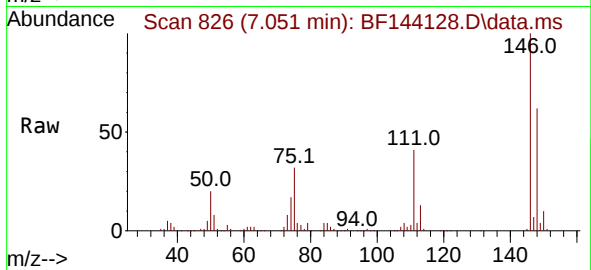
Tgt Ion:146 Resp: 210520
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 41.3 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 47.706 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



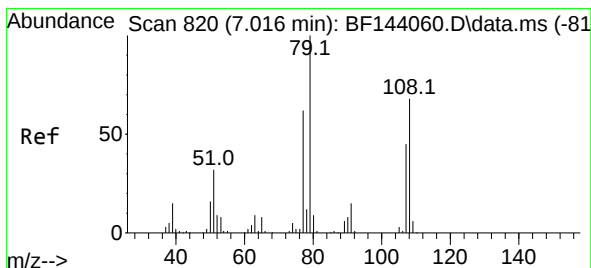
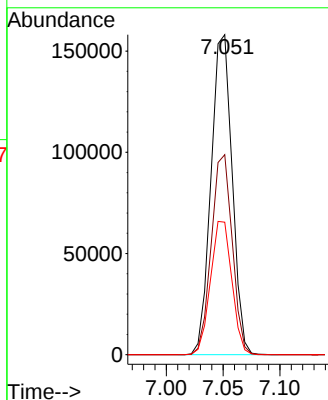
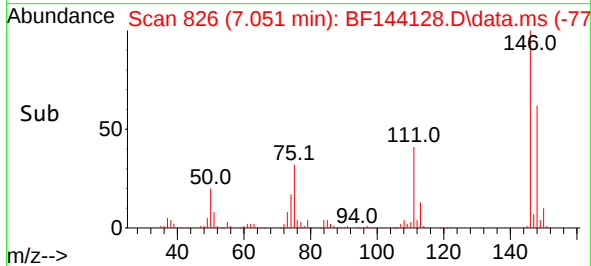
Tgt Ion:146 Resp: 204799
Ion Ratio Lower Upper
146 100
148 62.5 50.8 76.2
111 41.4 34.7 52.1

Manual Integrations
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Reviewed By :Rahul
Chavli

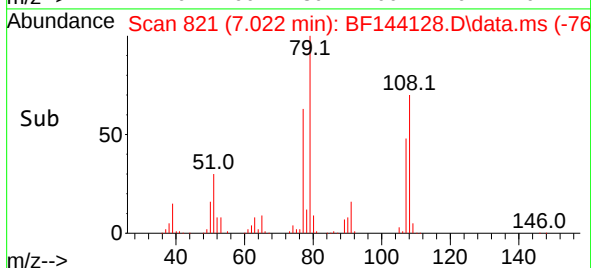
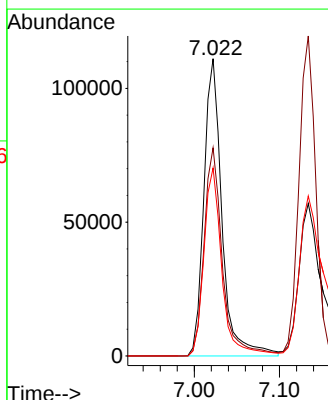
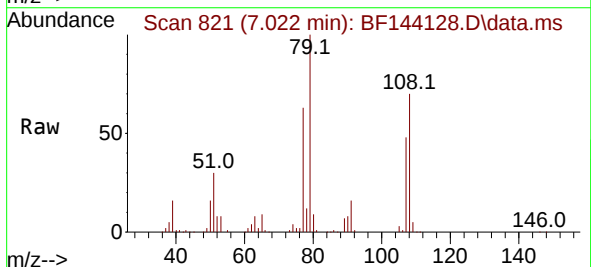
10/30/2025
Supervised By :Jagrut
Upadhyay

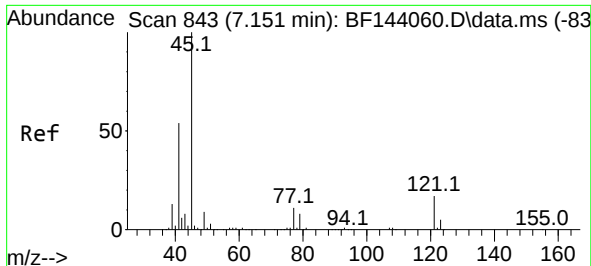
10/30/2025



#15
Benzyl Alcohol
Concen: 49.271 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

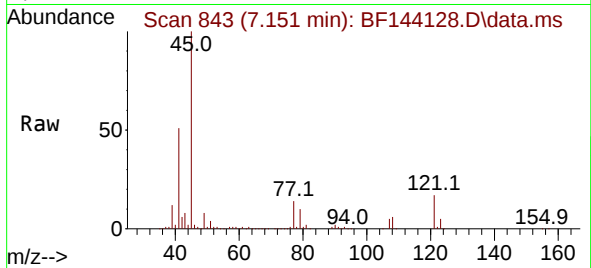
Tgt Ion: 79 Resp: 163972
Ion Ratio Lower Upper
79 100
108 70.0 54.8 82.2
77 63.2 49.4 74.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.452 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



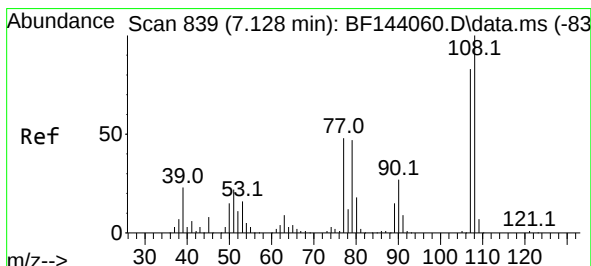
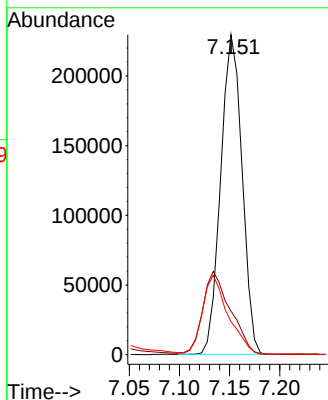
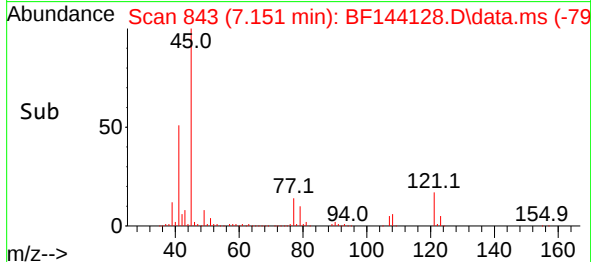
Tgt Ion: 45 Resp: 339108
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.9
79 10.3 0.0 28.2

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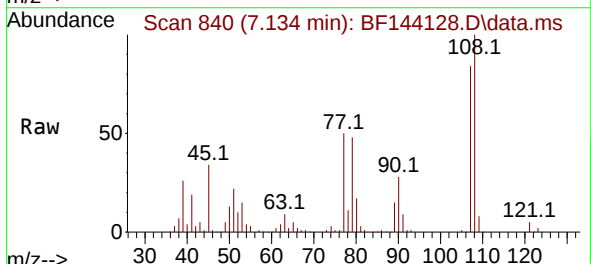
Reviewed By :Rahul
Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

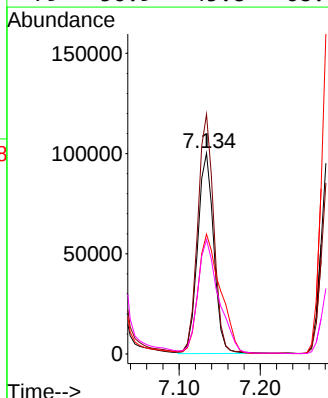
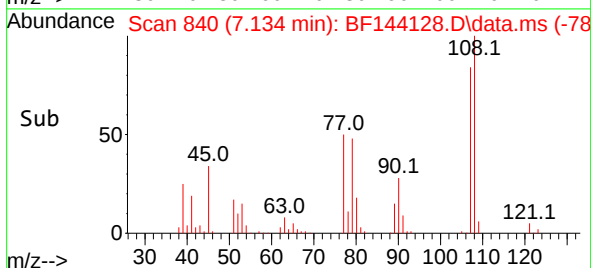
10/30/2025

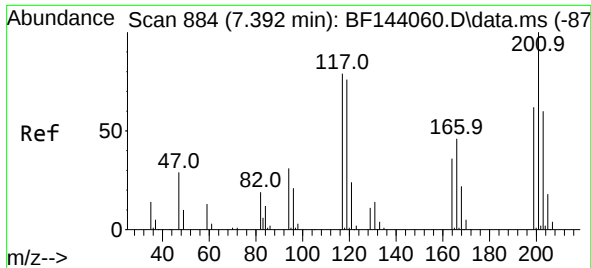


#17
2-Methylphenol
Concen: 49.272 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion:107 Resp: 138304
Ion Ratio Lower Upper
107 100
108 119.3 96.4 144.6
77 59.7 46.8 70.2
79 56.9 45.8 68.6



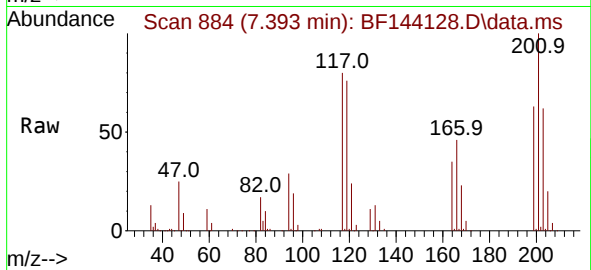


#18
Hexachloroethane
Concen: 44.489 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:117 Resp: 70570
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
201 124.6 100.9 151.3

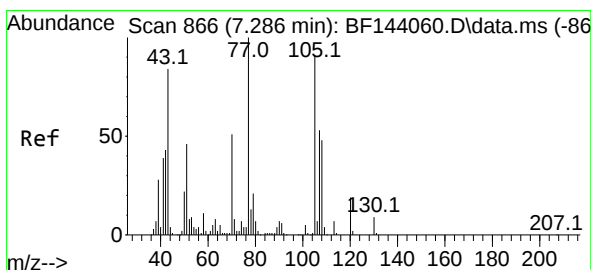
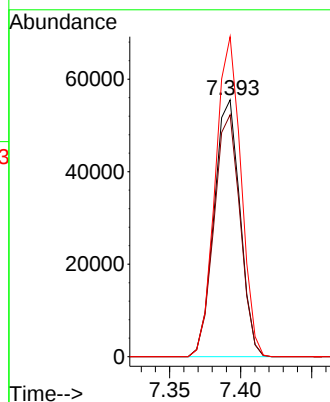
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Reviewed By :Rahul
Chavli

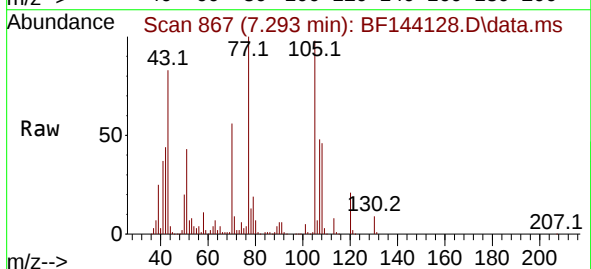
10/30/2025

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Upadhyay

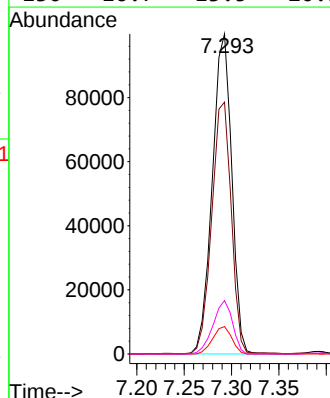
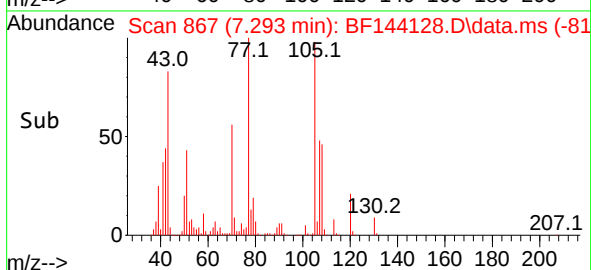
10/30/2025

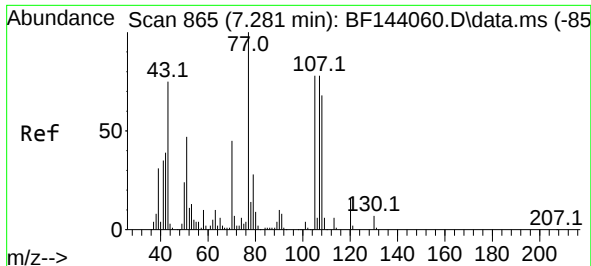


#19
n-Nitroso-di-n-propylamine
Concen: 53.732 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion: 70 Resp: 142211
Ion Ratio Lower Upper
70 100
42 78.7 67.4 101.0
101 8.5 7.1 10.7
130 16.7 13.5 20.3



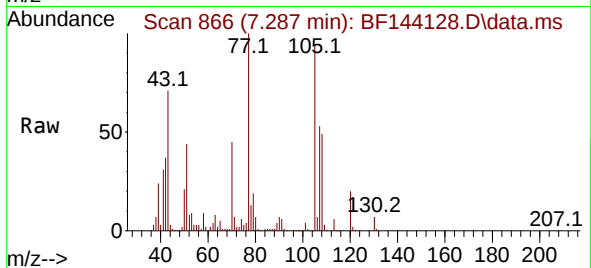


#20
3+4-Methylphenols
Concen: 49.802 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 165258
Ion Ratio Lower Upper
107 100
108 92.4 68.0 108.0
77 188.9 108.7 148.7
79 36.5 16.7 56.7

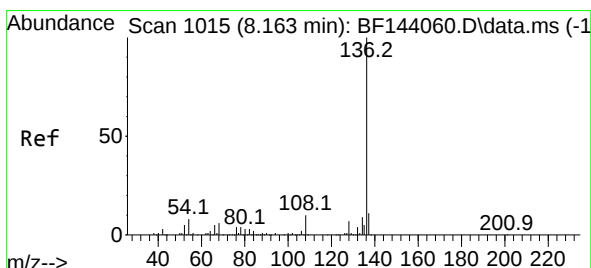
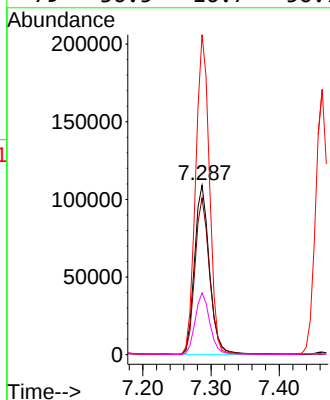
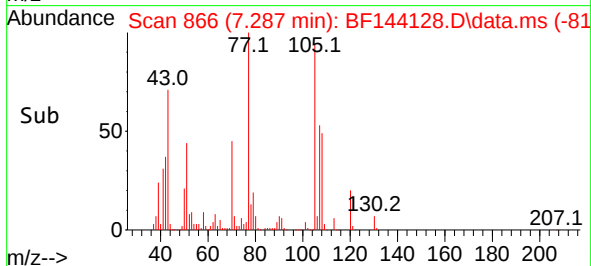
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Reviewed By :Rahul
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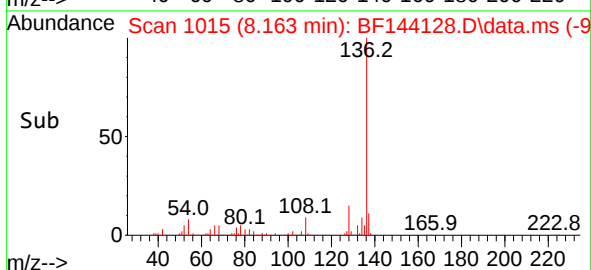
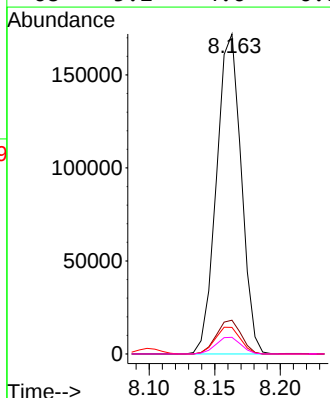
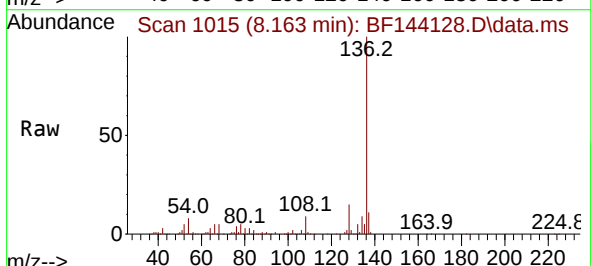
Supervised By :Jagrut
Upadhyay

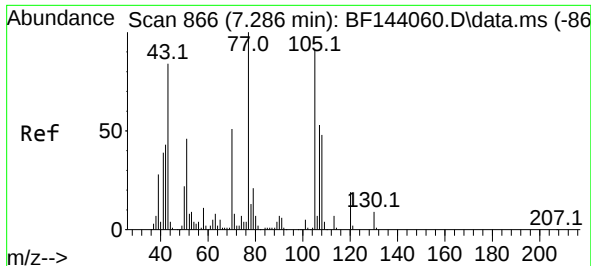
10/30/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

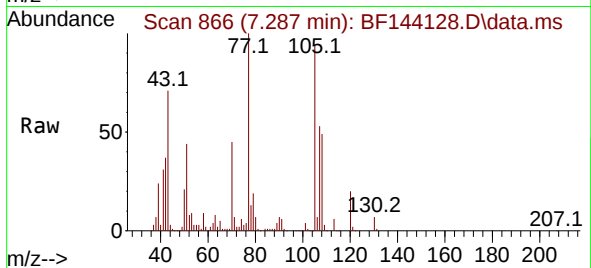
Tgt Ion:136 Resp: 225036
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 6.6 9.8
68 5.2 4.6 6.8





#22
Acetophenone
Concen: 55.512 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



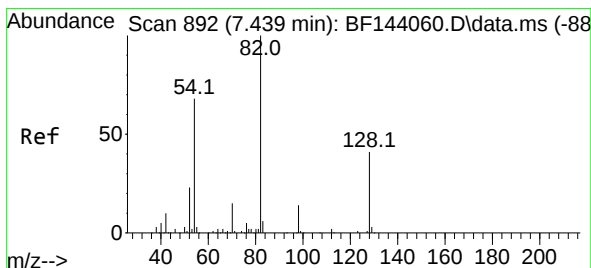
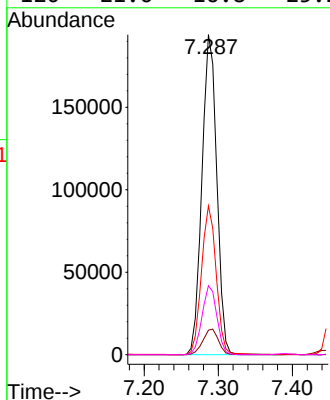
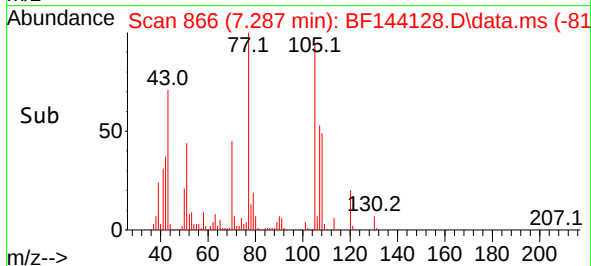
Tgt Ion: 105 Resp: 269972
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 46.5 40.6 60.8
120 21.6 16.8 25.2

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Reviewed By :Rahul
Chavli

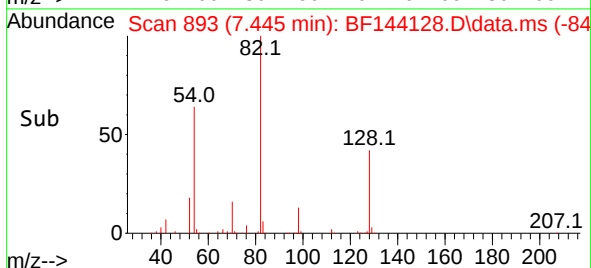
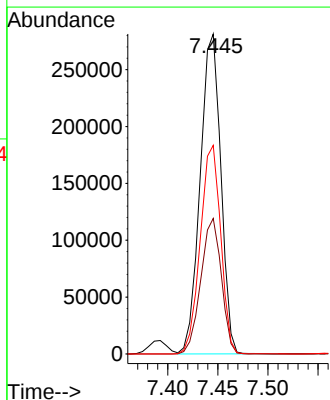
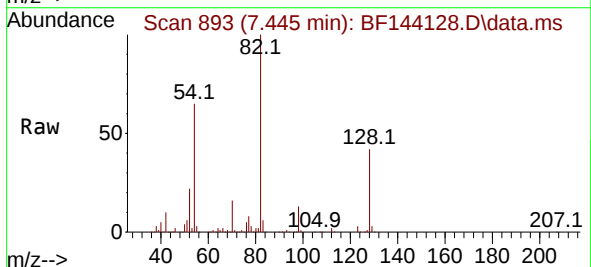
10/30/2025
Supervised By :Jagrut
Upadhyay

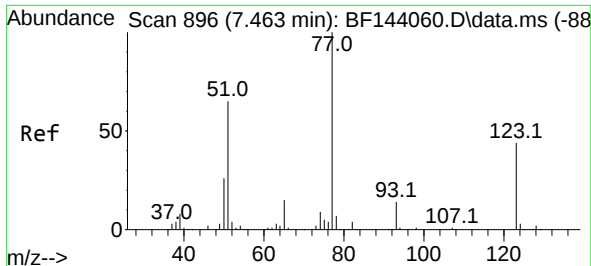
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#23
Nitrobenzene-d5
Concen: 98.146 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

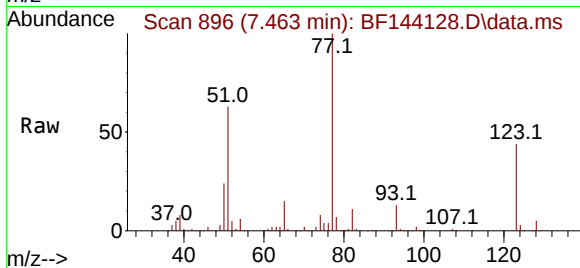
Tgt Ion: 82 Resp: 403131
Ion Ratio Lower Upper
82 100
128 42.4 32.4 48.6
54 65.2 54.0 81.0





#24
Nitrobenzene
Concen: 48.204 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



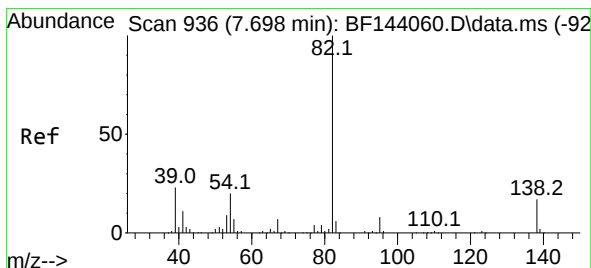
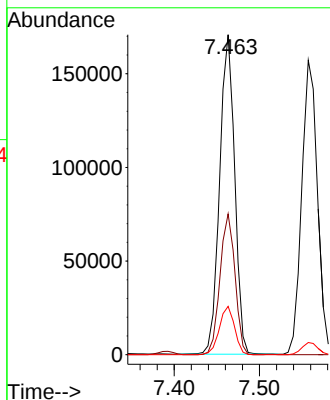
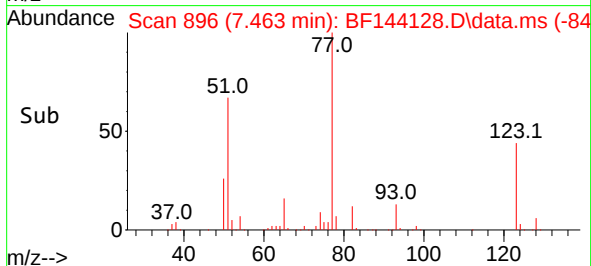
Tgt Ion: 77 Resp: 209452
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 15.1 12.2 18.2

Manual Integrations
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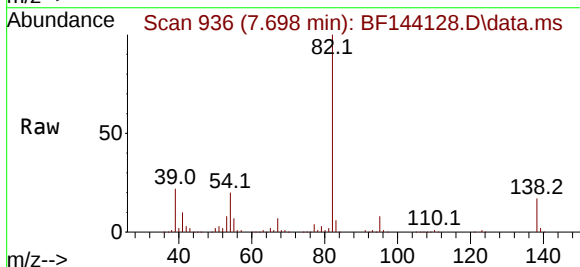
Reviewed By :Rahul
Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

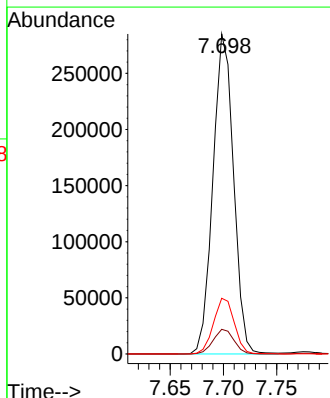
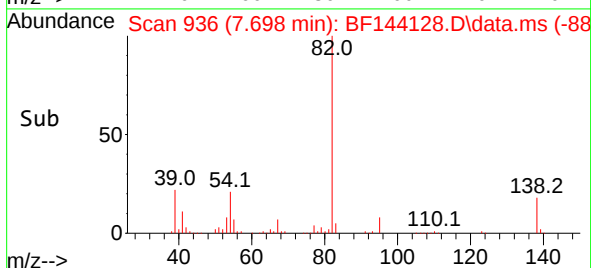
10/30/2025

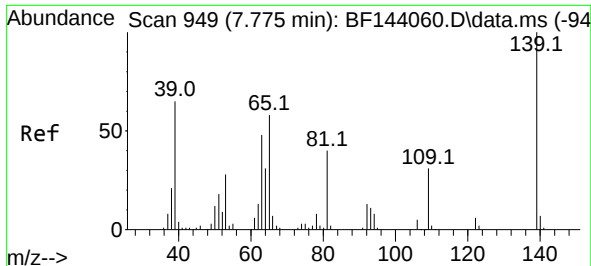


#25
Isophorone
Concen: 53.445 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion: 82 Resp: 383797
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.4 13.8 20.8



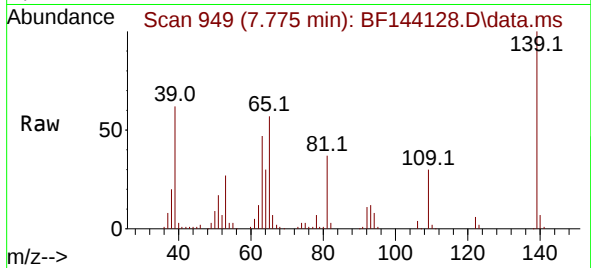


#26
2-Nitrophenol
Concen: 49.268 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:139 Resp: 101839
Ion Ratio Lower Upper
139 100
109 30.4 24.6 37.0
65 57.3 46.6 69.8

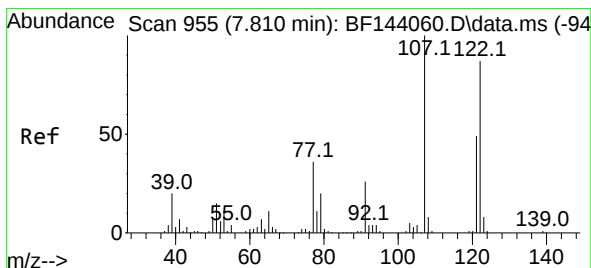
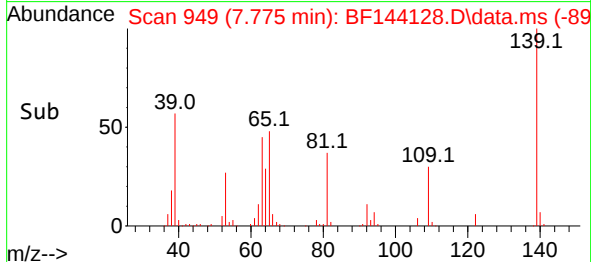
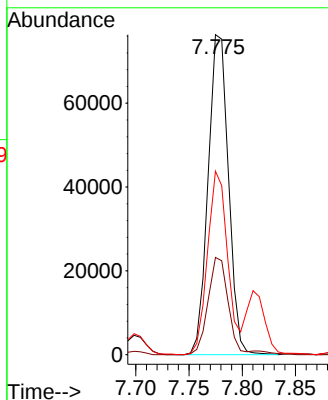
Manual Integrations
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Reviewed By :Rahul
Chavli

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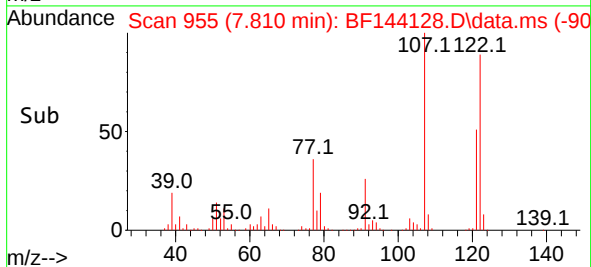
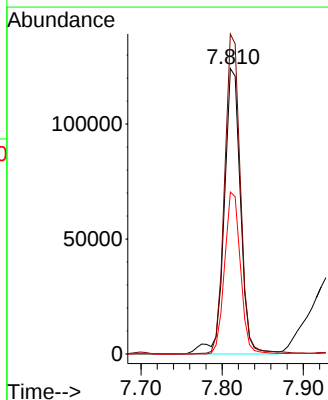
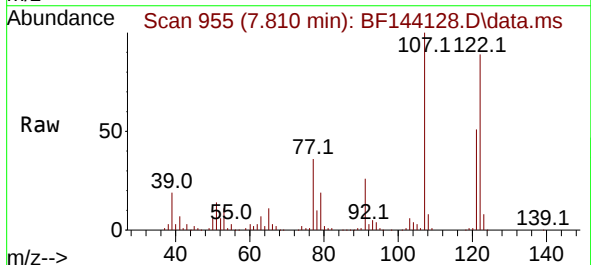
Supervised By :Jagrut
Upadhyay

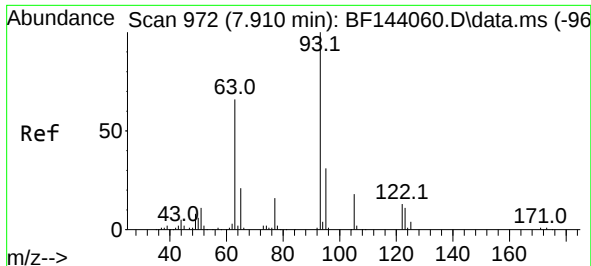
10/30/2025



#27
2,4-Dimethylphenol
Concen: 56.642 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

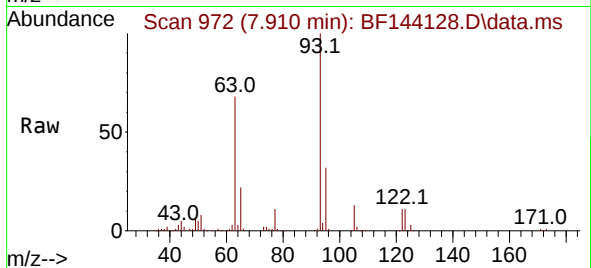
Tgt Ion:122 Resp: 173988
Ion Ratio Lower Upper
122 100
107 112.1 91.8 137.8
121 56.7 45.2 67.8





#28
bis(2-Chloroethoxy)methane
Concen: 51.728 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



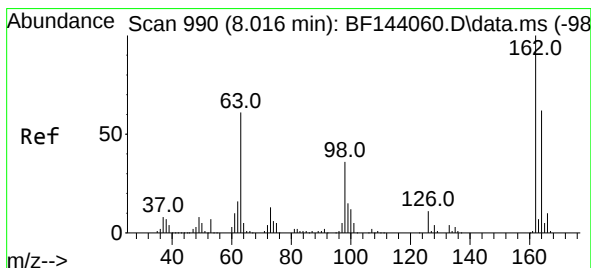
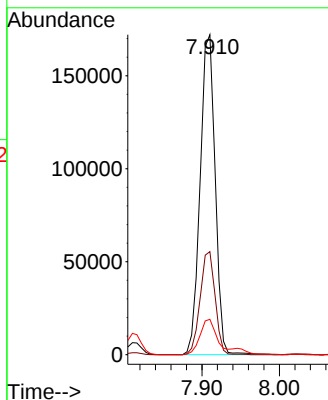
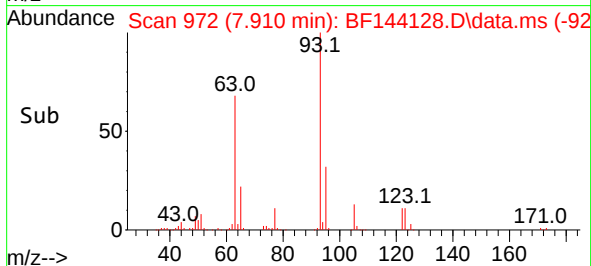
Tgt Ion: 93 Resp: 231654
Ion Ratio Lower Upper
93 100
95 32.2 24.6 36.8
123 11.1 9.1 13.7

Manual Integrations
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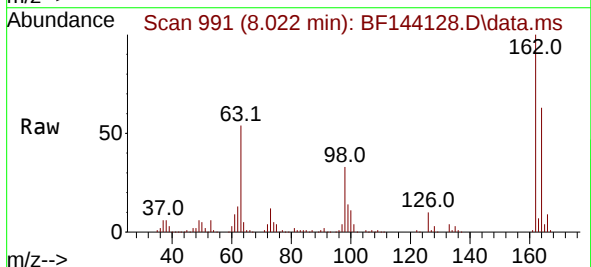
Reviewed By :Rahul
Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

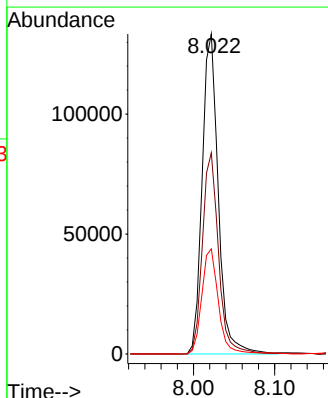
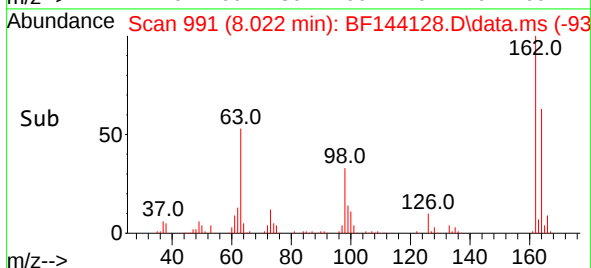
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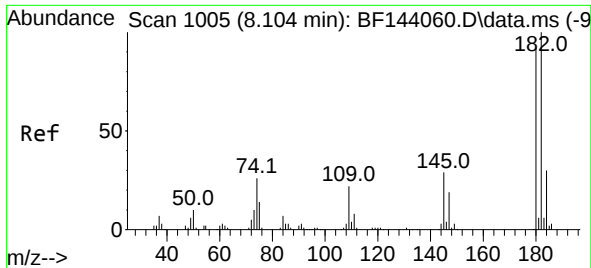


#29
2,4-Dichlorophenol
Concen: 51.426 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



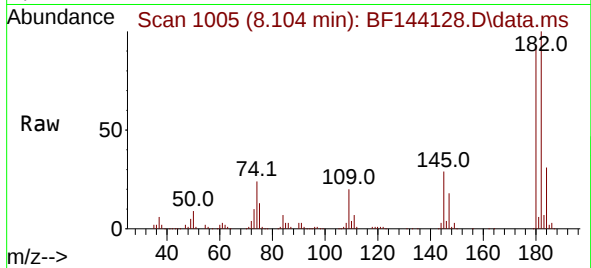
Tgt Ion:162 Resp: 183704
Ion Ratio Lower Upper
162 100
164 62.8 42.1 82.1
98 32.8 16.0 56.0





#30
1,2,4-Trichlorobenzene
Concen: 50.657 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



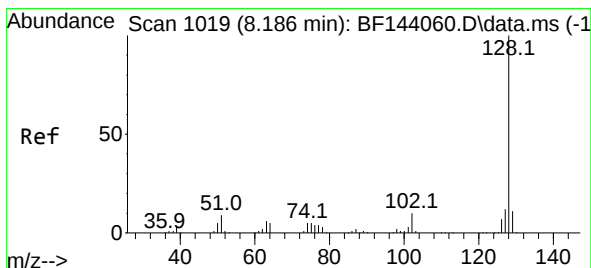
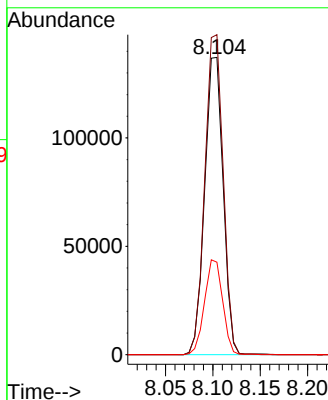
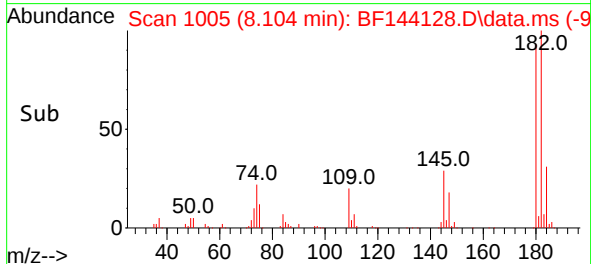
Tgt Ion:180 Resp: 18616
Ion Ratio Lower Upper
180 100
182 107.7 87.1 130.7
145 31.1 25.3 37.9

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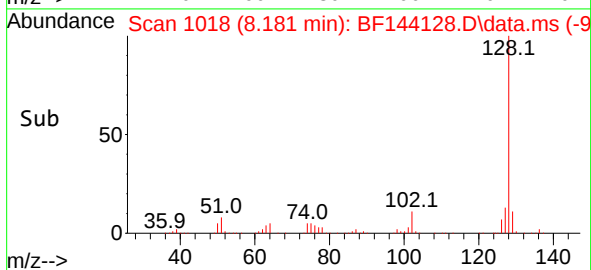
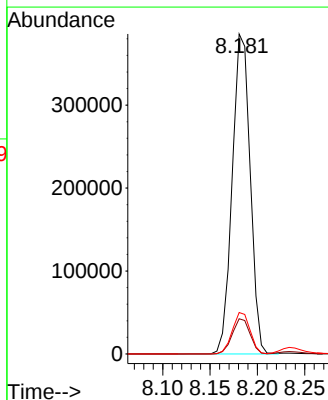
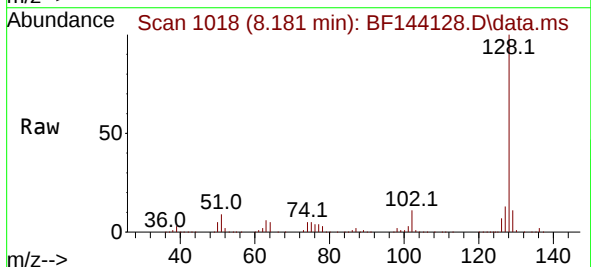
10/30/2025
Supervised By :Jagrut
Upadhyay

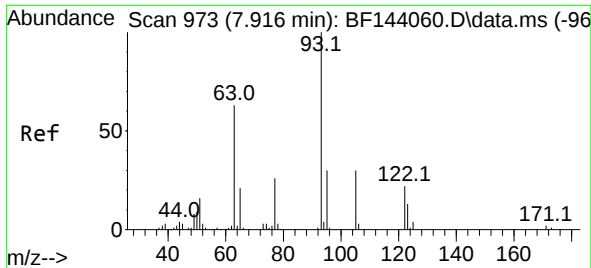
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#31
Naphthalene
Concen: 47.829 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

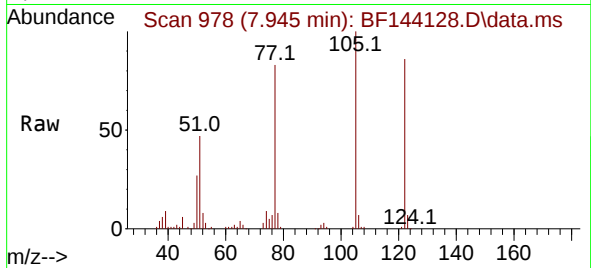
Tgt Ion:128 Resp: 507996
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.9 9.9 14.9





#32
Benzoic acid
Concen: 63.871 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



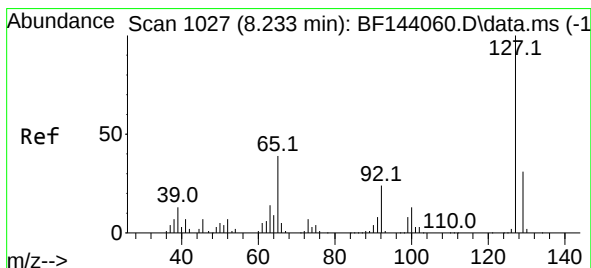
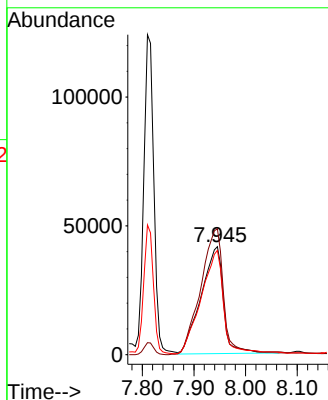
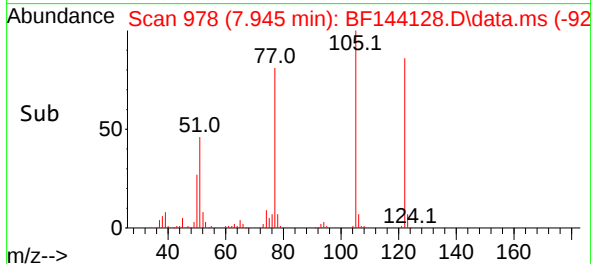
Tgt Ion:122 Resp: 124449
Ion Ratio Lower Upper
122 100
105 116.5 111.3 151.3
77 96.6 96.7 136.7

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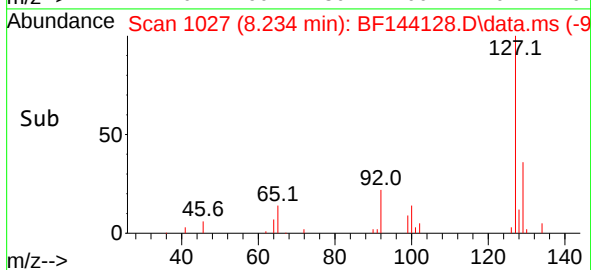
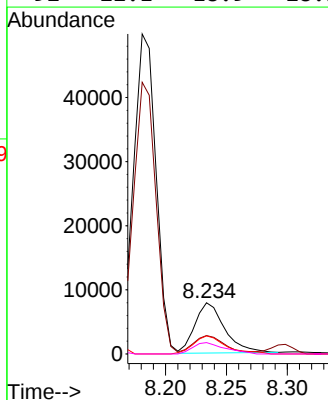
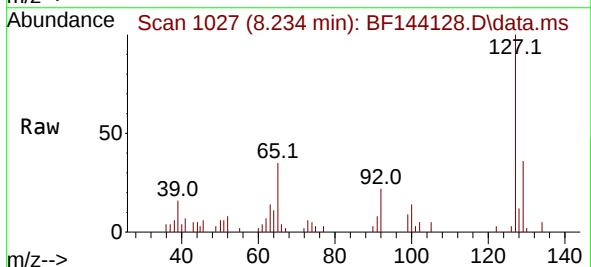
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Supervised By :Jagrut
Upadhyay

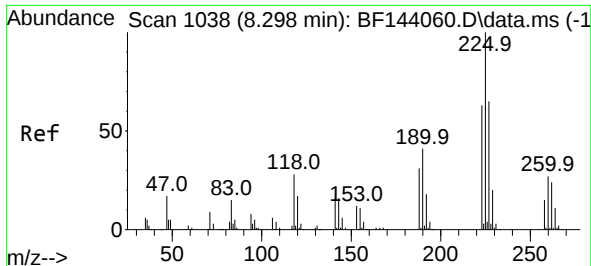
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#33
4-Chloroaniline
Concen: 3.588 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:127 Resp: 13267
Ion Ratio Lower Upper
127 100
129 35.9 25.6 38.4
65 35.3 30.9 46.3
92 22.1 18.9 28.3



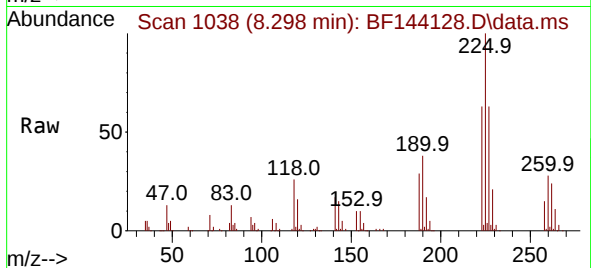


#34
Hexachlorobutadiene
Concen: 44.943 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:225 Resp: 13505
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 62.6 51.8 77.8

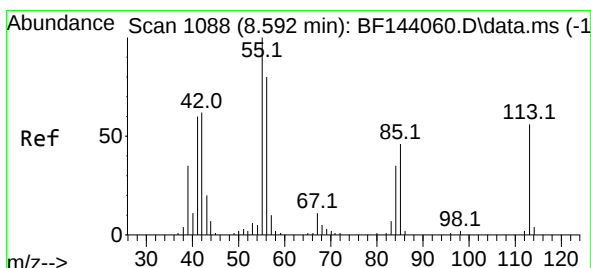
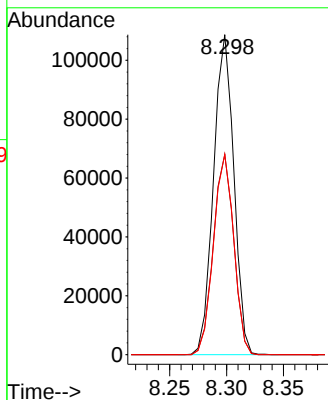
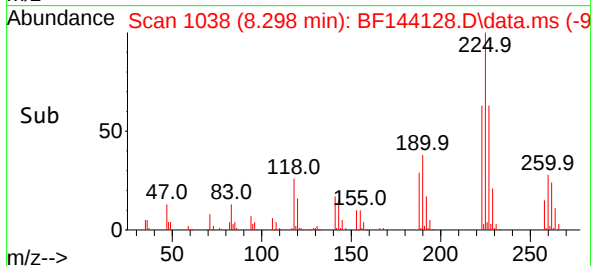
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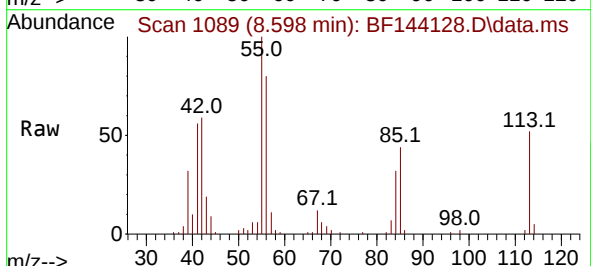
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Upadhyay

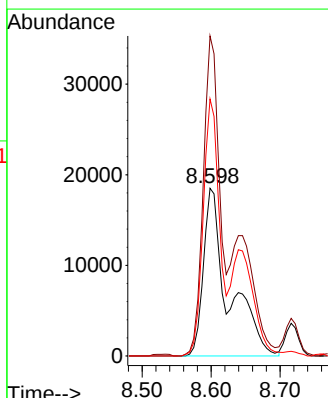
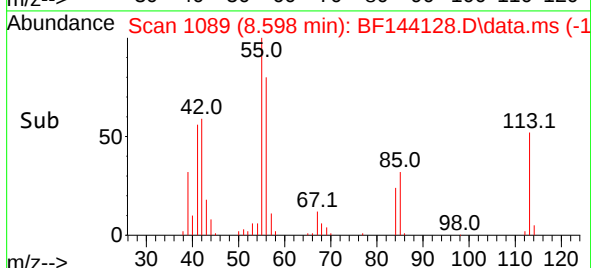
10/30/2025

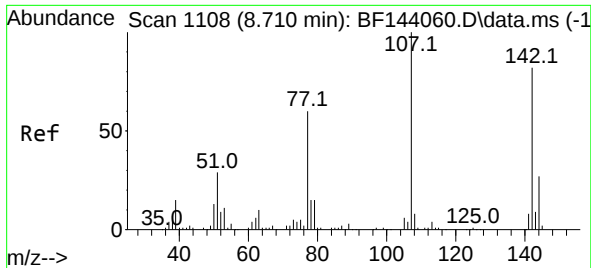


#35
Caprolactam
Concen: 52.232 ng m
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



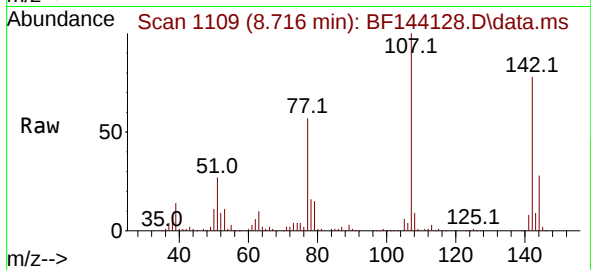
Tgt Ion:113 Resp: 46789
Ion Ratio Lower Upper
113 100
55 190.8 160.1 200.1
56 153.2 124.9 164.9





#36
4-Chloro-3-methylphenol
Concen: 52.853 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



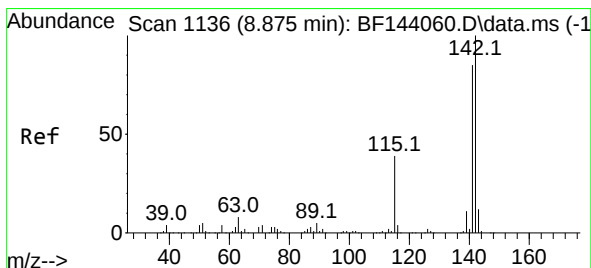
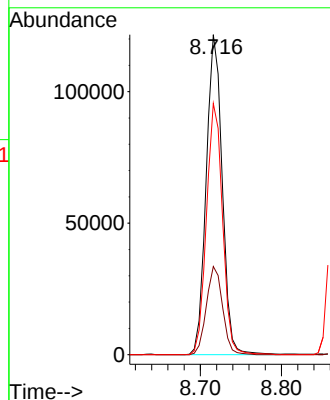
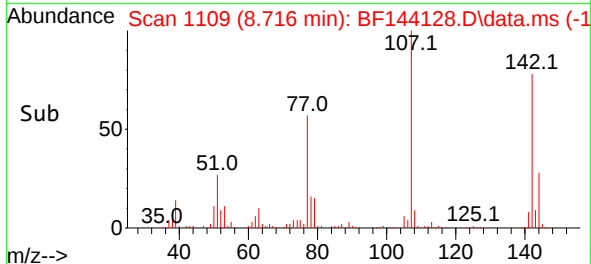
Tgt Ion:107 Resp: 16661
Ion Ratio Lower Upper
107 100
144 27.6 21.6 32.4
142 78.5 65.4 98.0

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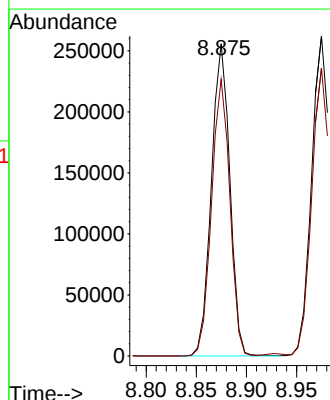
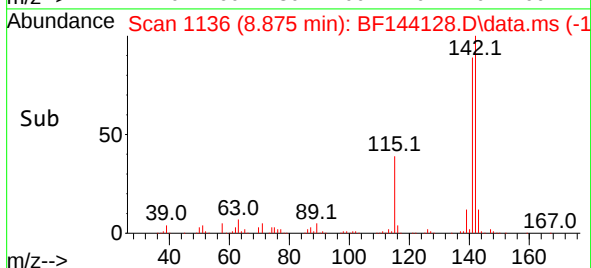
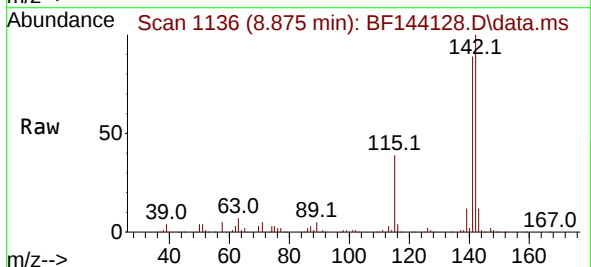
10/30/2025
Supervised By :Jagrut
Upadhyay

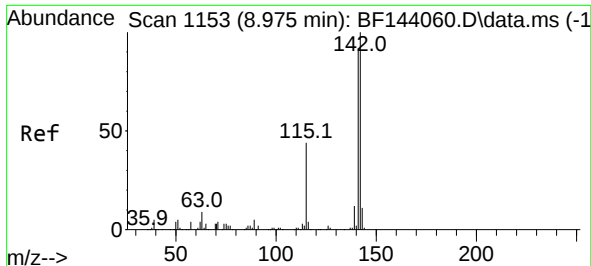
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#37
2-Methylnaphthalene
Concen: 46.683 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

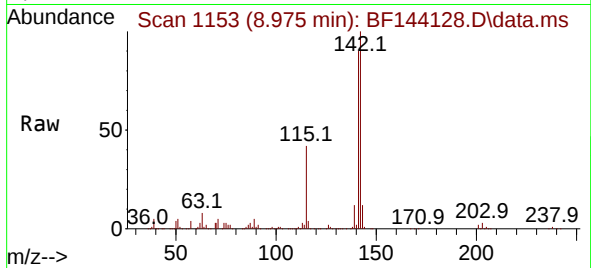
Tgt Ion:142 Resp: 326905
Ion Ratio Lower Upper
142 100
141 88.6 67.6 101.4





#38
1-Methylnaphthalene
Concen: 50.273 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



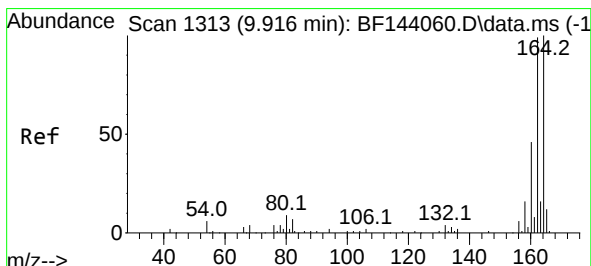
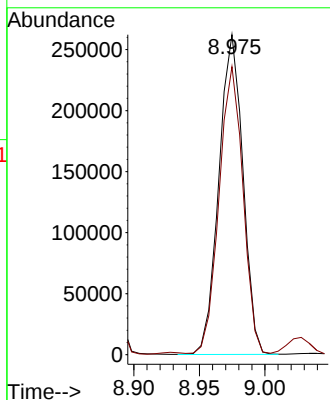
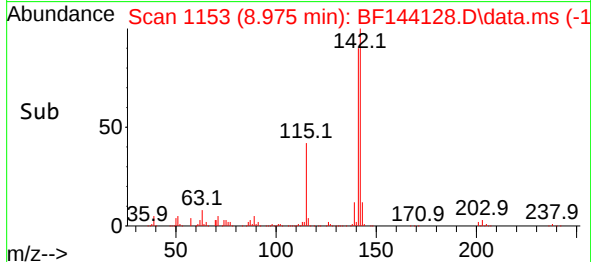
Tgt Ion:142 Resp: 33352
Ion Ratio Lower Upper
142 100
141 90.0 73.4 110.2

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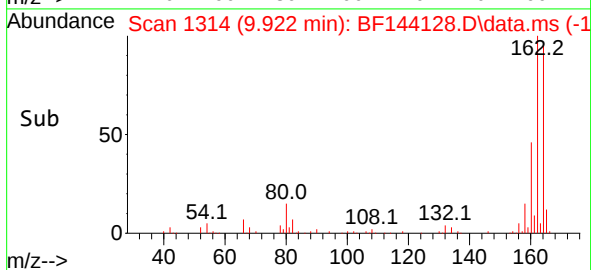
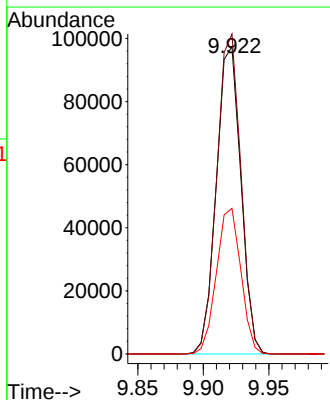
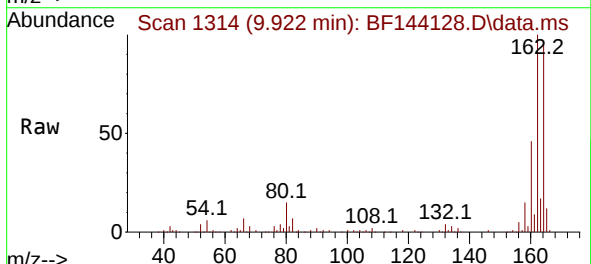
10/30/2025
Supervised By :Jagrut
Upadhyay

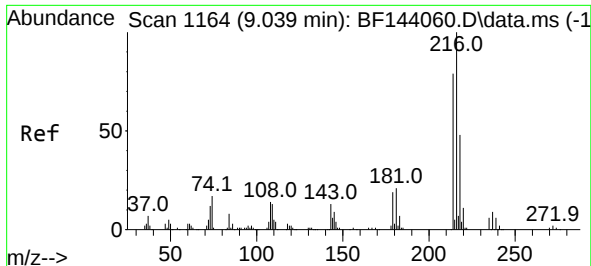
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

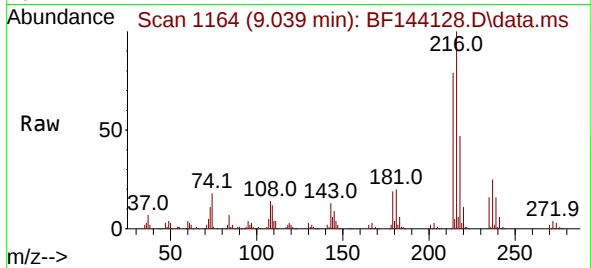
Tgt Ion:164 Resp: 126691
Ion Ratio Lower Upper
164 100
162 104.1 79.4 119.2
160 47.4 36.7 55.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.268 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



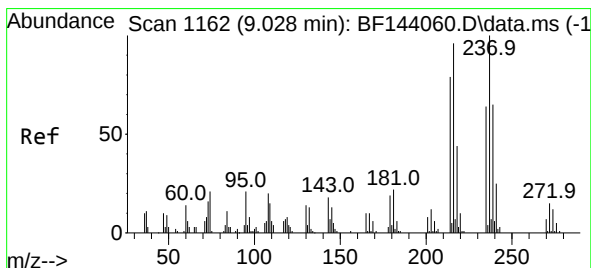
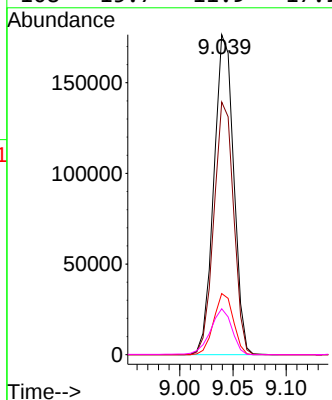
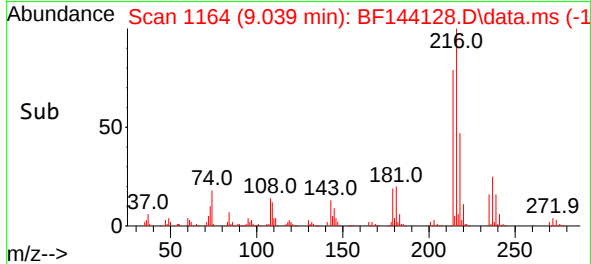
Tgt Ion:216 Resp: 227580
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 18.9 15.2 22.8
108 15.7 11.9 17.9

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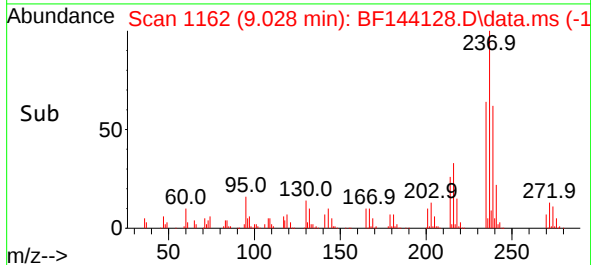
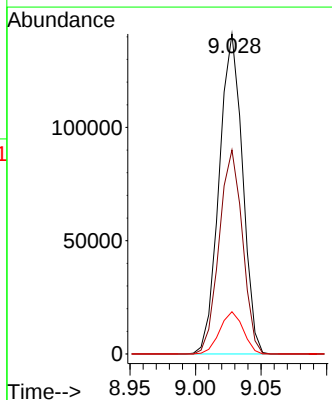
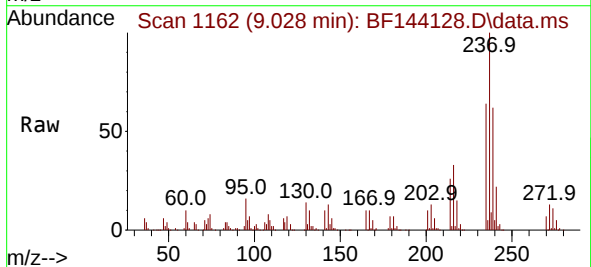
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Supervised By :Jagrut
Upadhyay

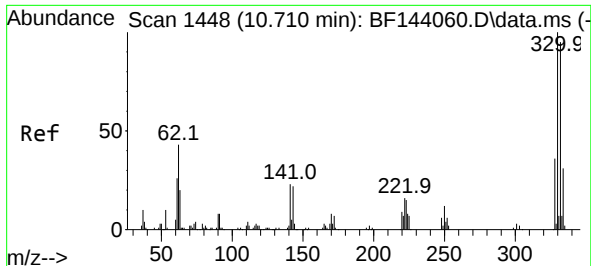
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#41
Hexachlorocyclopentadiene
Concen: 130.069 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

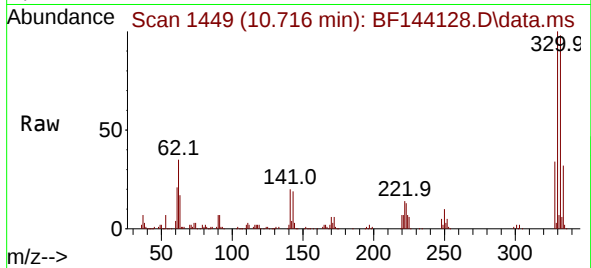
Tgt Ion:237 Resp: 174921
Ion Ratio Lower Upper
237 100
235 63.8 44.3 84.3
272 13.2 0.0 35.2





#42
2,4,6-Tribromophenol
Concen: 158.484 ng
RT: 10.716 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



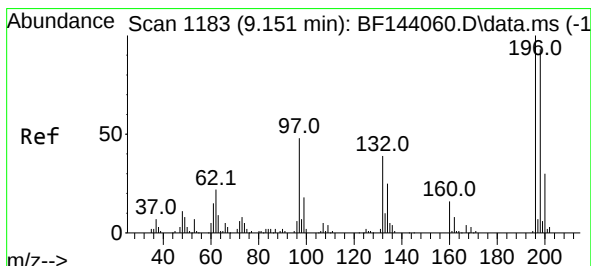
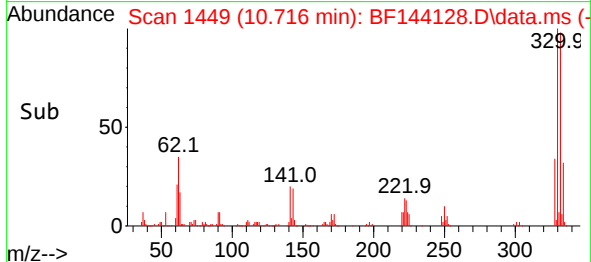
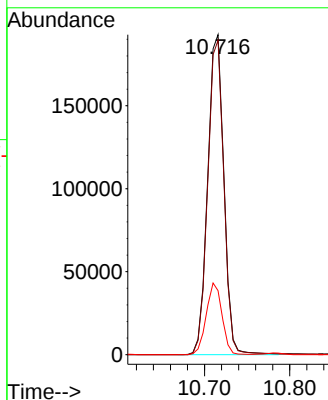
Tgt Ion:330 Resp: 25576
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 21.7 19.4 29.0

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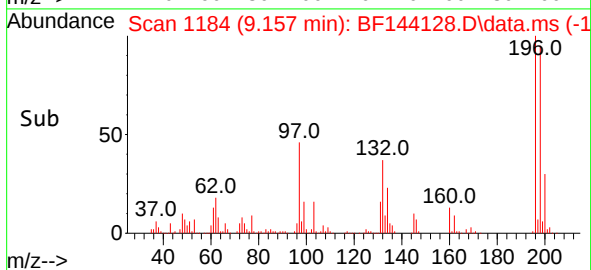
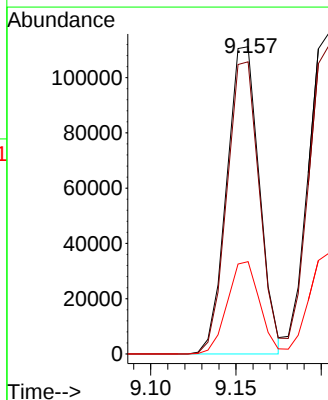
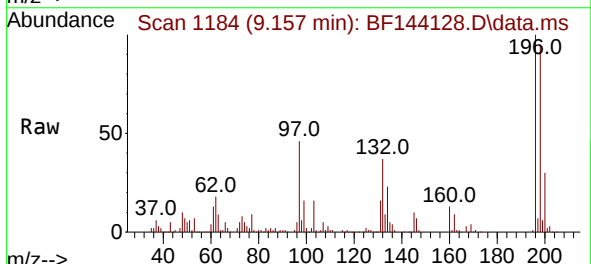
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Supervised By :Jagrut
Upadhyay

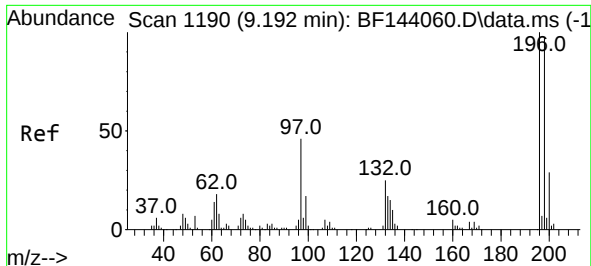
10/30/2025



#43
2,4,6-Trichlorophenol
Concen: 52.218 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:196 Resp: 147786
Ion Ratio Lower Upper
196 100
198 95.1 74.4 111.6
200 30.1 23.8 35.8



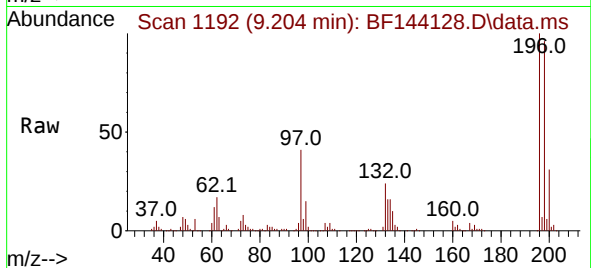


#44
2,4,5-Trichlorophenol
Concen: 52.758 ng
RT: 9.204 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



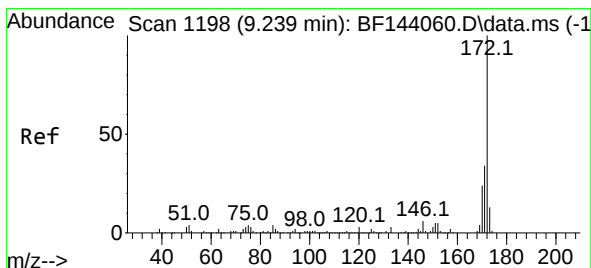
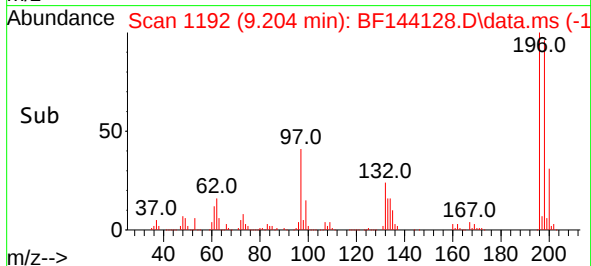
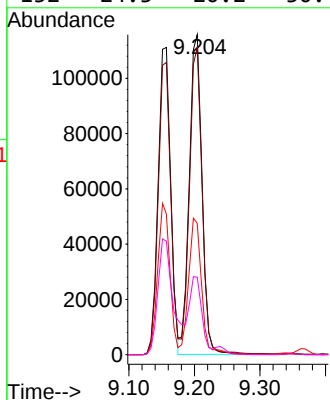
Tgt Ion:196 Resp: 15670
Ion Ratio Lower Upper
196 100
198 96.1 78.0 117.0
97 41.0 37.7 56.5
132 24.3 20.2 30.4

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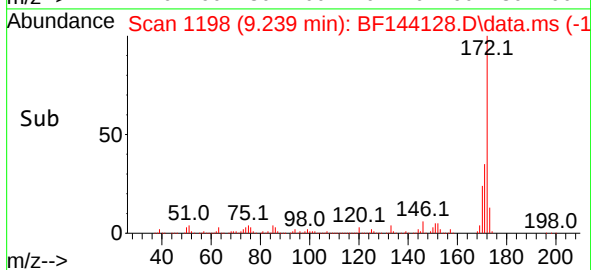
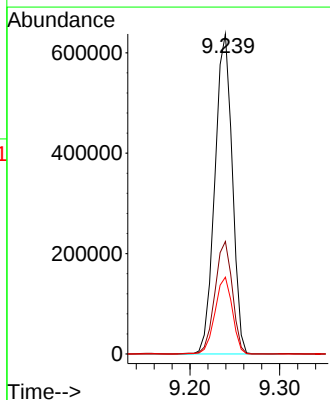
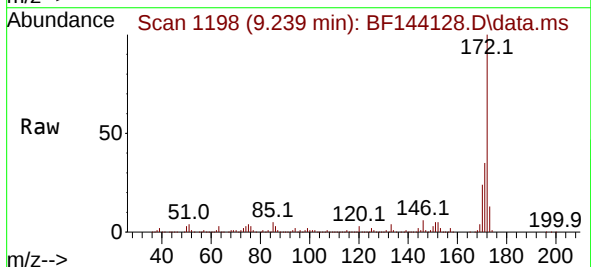
10/30/2025
Supervised By :Jagrut
Upadhyay

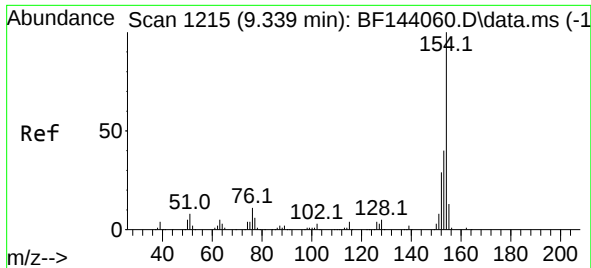
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#45
2-Fluorobiphenyl
Concen: 95.196 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

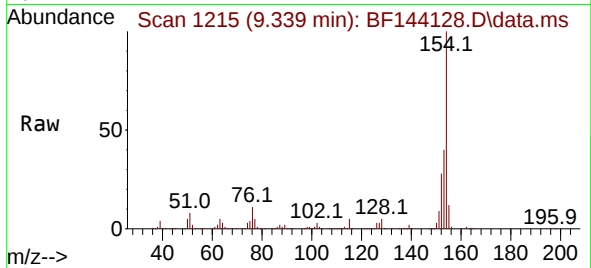
Tgt Ion:172 Resp: 857048
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 24.0 19.0 28.6





#46
1,1'-Biphenyl
Concen: 54.102 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



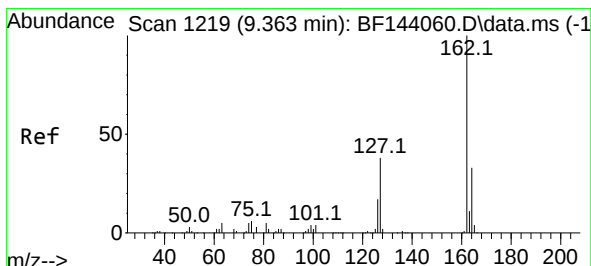
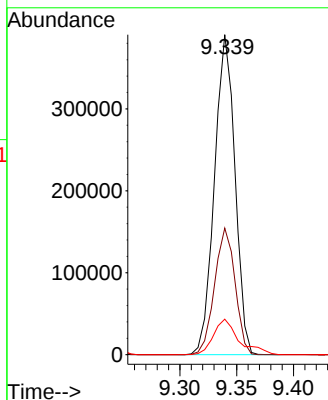
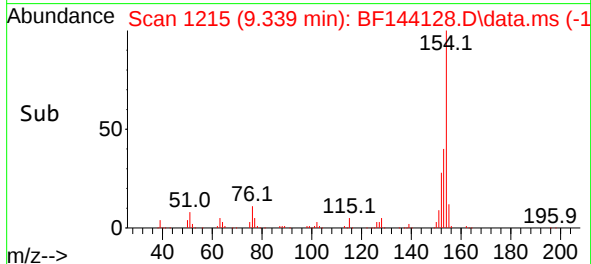
Tgt Ion:154 Resp: 490660
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 11.1 0.0 31.1

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Reviewed By :Rahul
Chavli

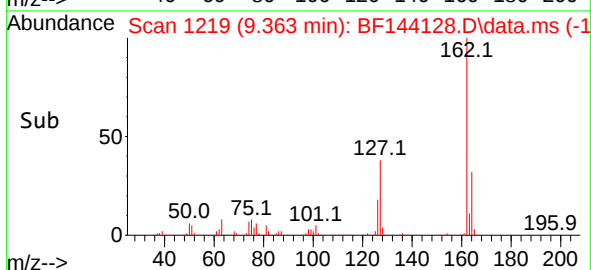
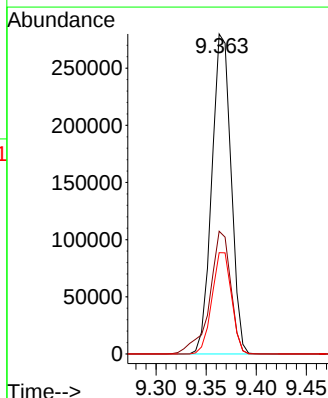
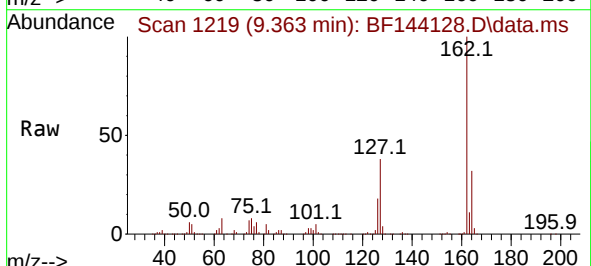
10/30/2025
Supervised By :Jagrut
Upadhyay

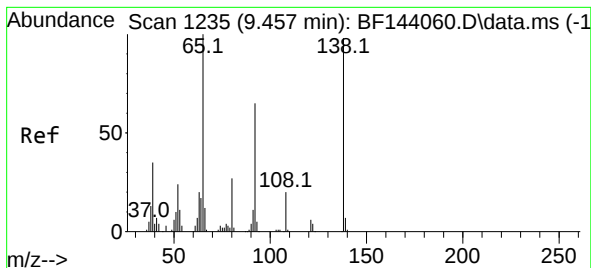
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#47
2-Chloronaphthalene
Concen: 49.082 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:162 Resp: 372919
Ion Ratio Lower Upper
162 100
127 38.3 31.6 47.4
164 31.6 26.5 39.7





#48

2-Nitroaniline

Concen: 52.114 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

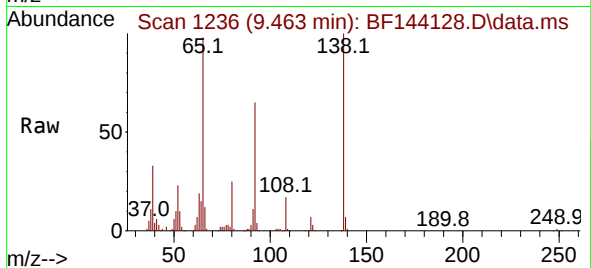
Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 65 Resp: 117578

Ion Ratio Lower Upper

65 100

92 65.9 52.3 78.5

138 101.6 78.3 117.5

Manual Integrations

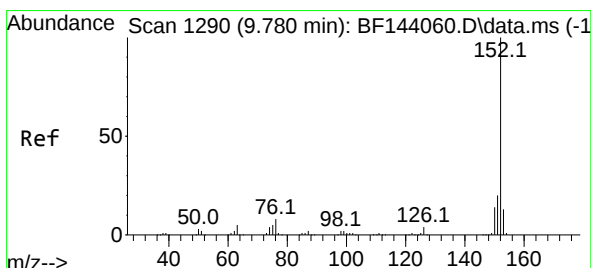
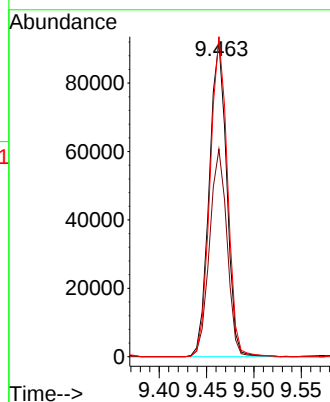
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Reviewed By :Rahul
Chavli

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Supervised By :Jagrut
Upadhyay

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#49

Acenaphthylene

Concen: 57.154 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

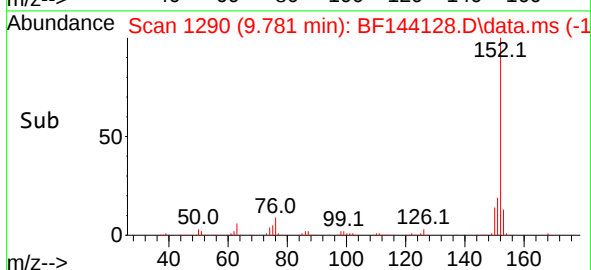
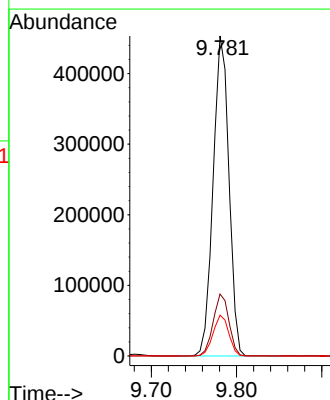
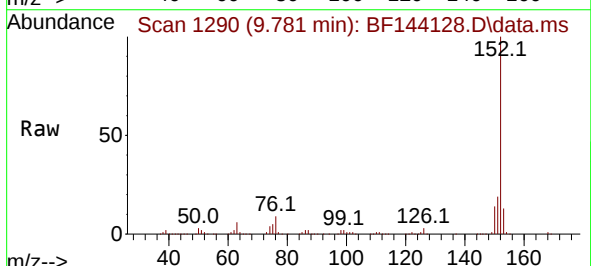
Tgt Ion:152 Resp: 585529

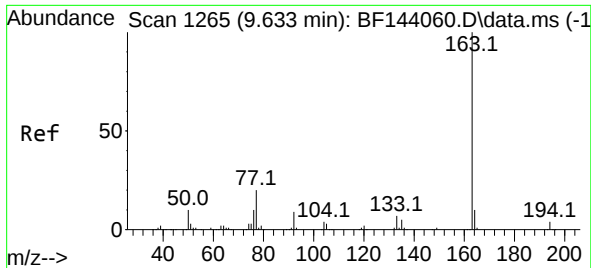
Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

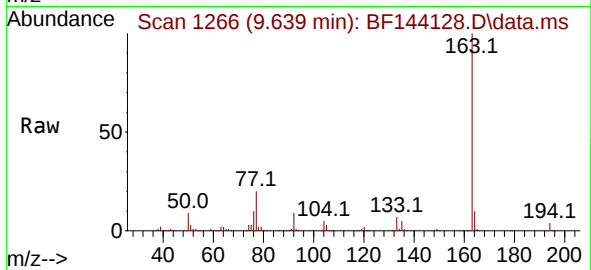
153 12.7 10.4 15.6





#50
Dimethylphthalate
Concen: 56.101 ng
RT: 9.639 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



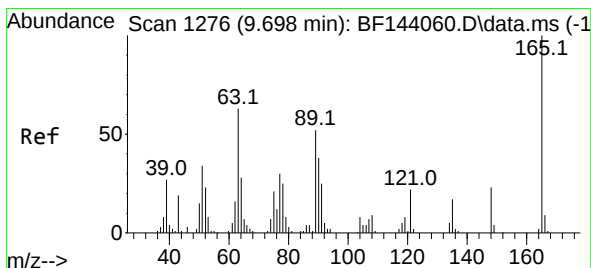
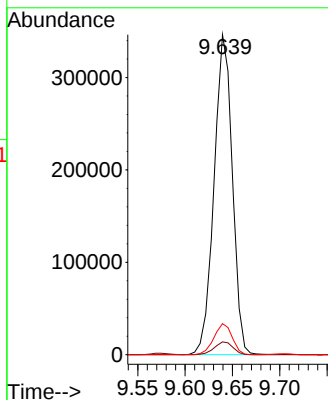
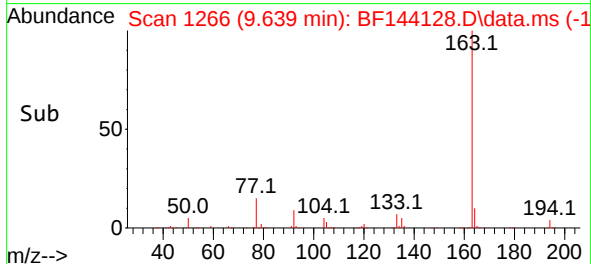
Tgt Ion:163 Resp: 465880
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.7 7.8 11.8

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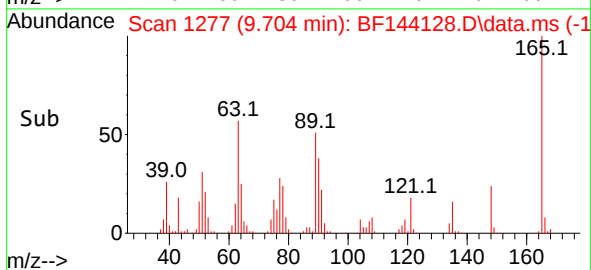
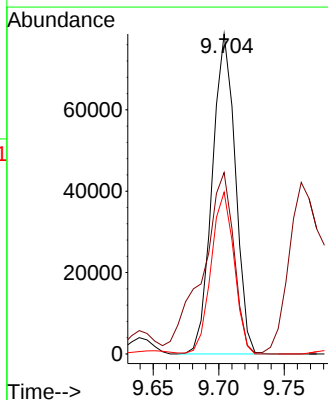
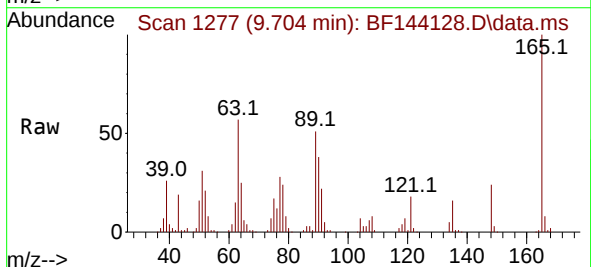
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Supervised By :Jagrut
Upadhyay

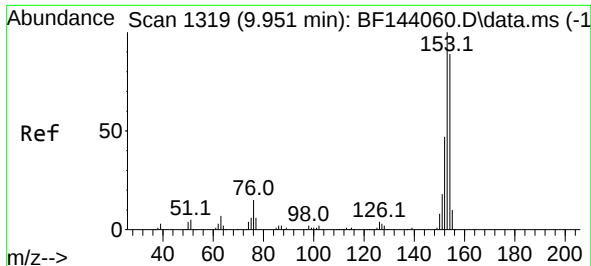
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#51
2,6-Dinitrotoluene
Concen: 58.578 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

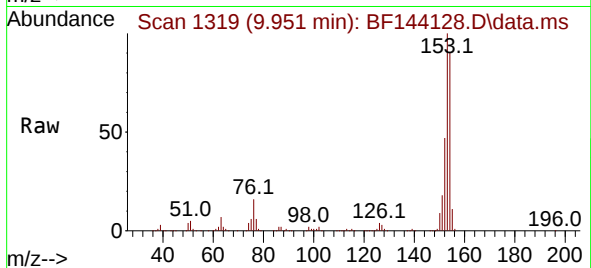
Tgt Ion:165 Resp: 96167
Ion Ratio Lower Upper
165 100
63 56.7 50.4 75.6
89 50.6 41.4 62.2





#52
Acenaphthene
Concen: 47.566 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



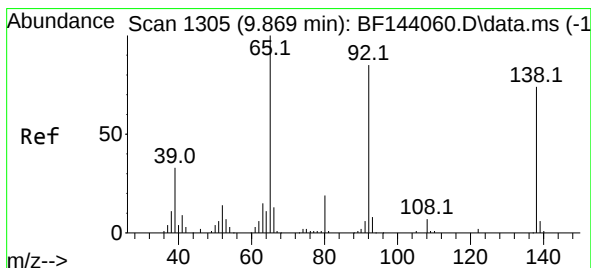
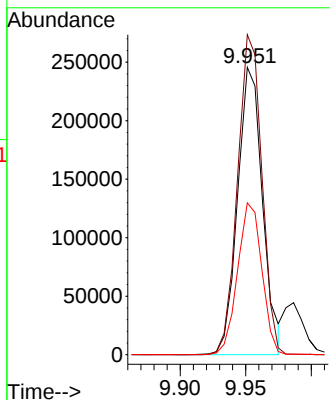
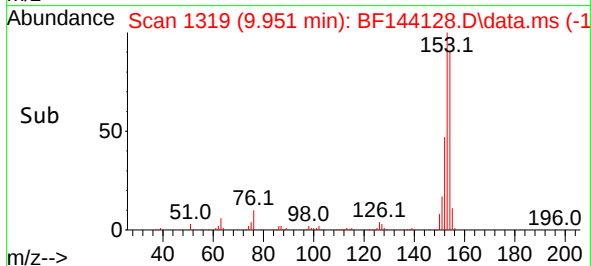
Tgt Ion:154 Resp: 32544
Ion Ratio Lower Upper
154 100
153 111.4 89.9 134.9
152 52.9 42.0 63.0

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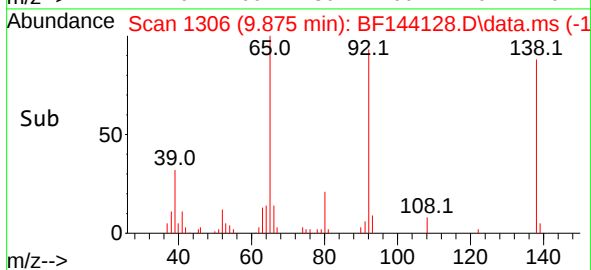
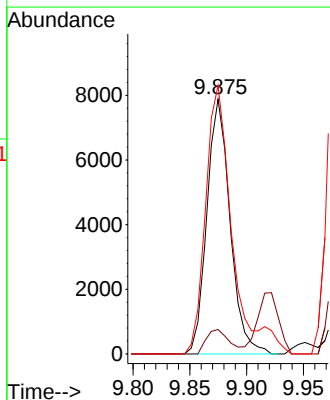
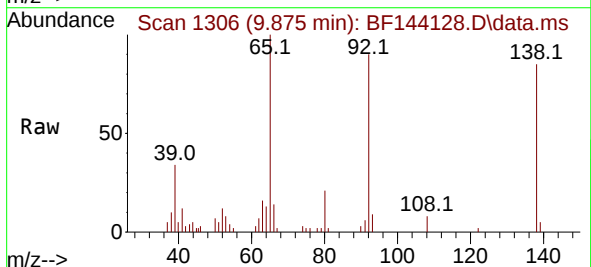
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Supervised By :Jagrut
Upadhyay

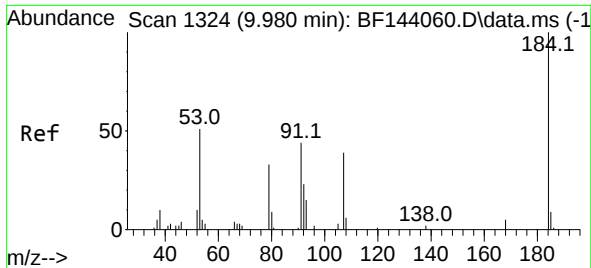
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#53
3-Nitroaniline
Concen: 6.124 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

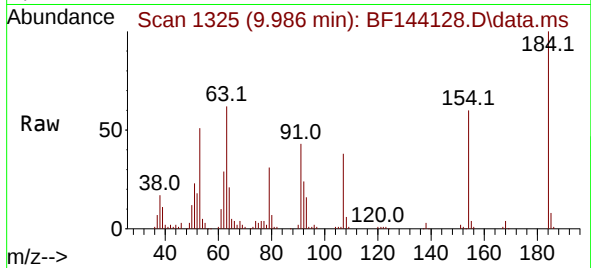
Tgt Ion:138 Resp: 11177
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 105.4 92.0 138.0





#54
2,4-Dinitrophenol
Concen: 115.232 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



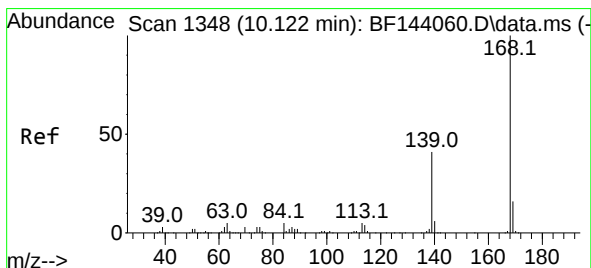
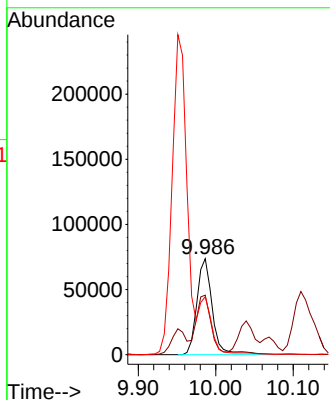
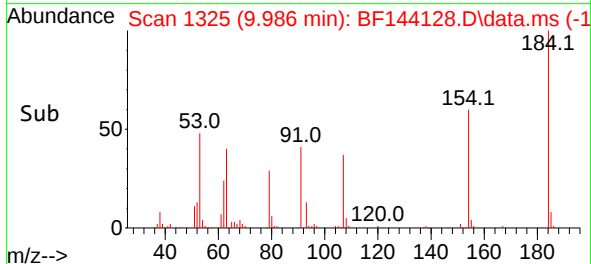
Tgt Ion:184 Resp: 102318
Ion Ratio Lower Upper
184 100
63 62.0 52.1 78.1
154 60.3 47.9 71.9

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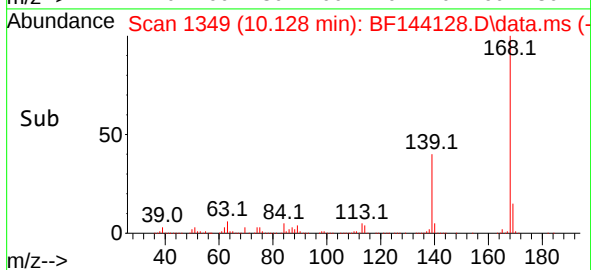
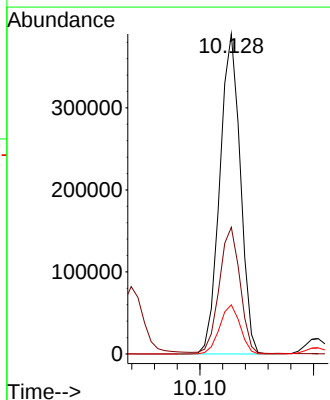
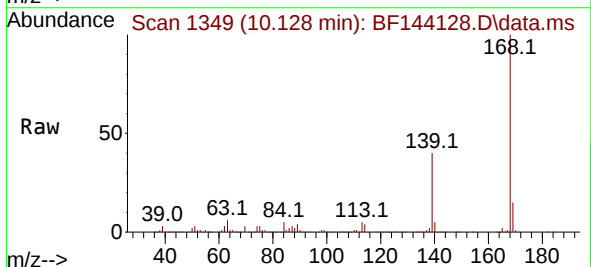
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Supervised By :Jagrut
Upadhyay

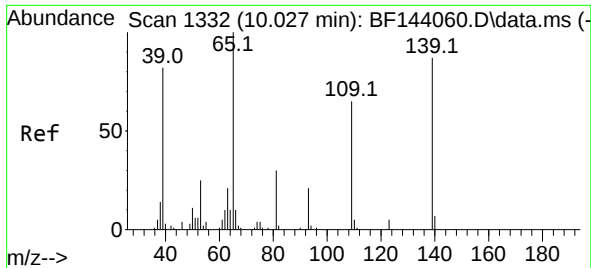
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#55
Dibenzofuran
Concen: 51.517 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

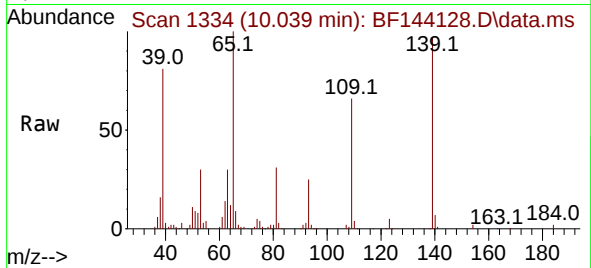
Tgt Ion:168 Resp: 489325
Ion Ratio Lower Upper
168 100
139 39.6 33.2 49.8
169 15.4 12.6 19.0





#56
4-Nitrophenol
Concen: 93.669 ng
RT: 10.039 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



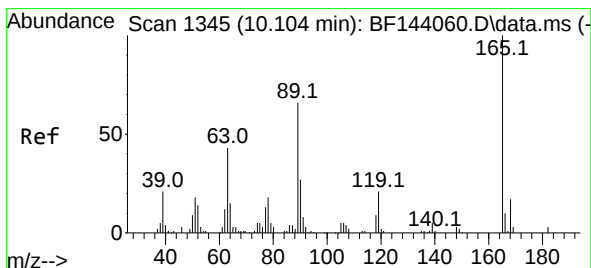
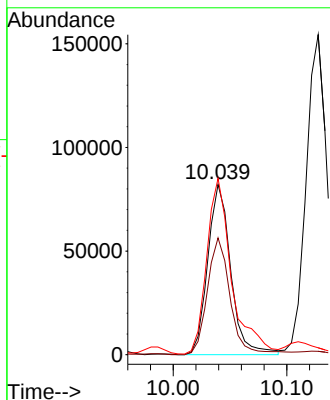
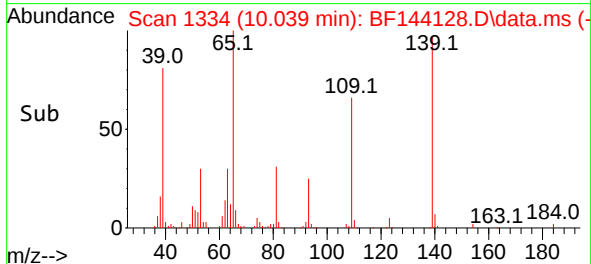
Tgt Ion:139 Resp: 115774
Ion Ratio Lower Upper
139 100
109 68.6 53.8 93.8
65 103.6 95.9 135.9

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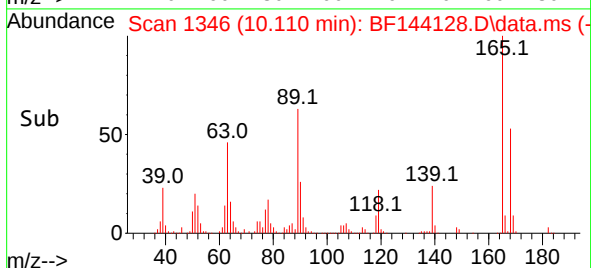
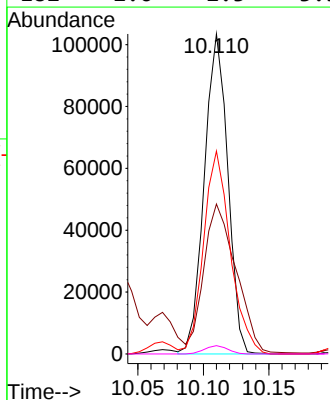
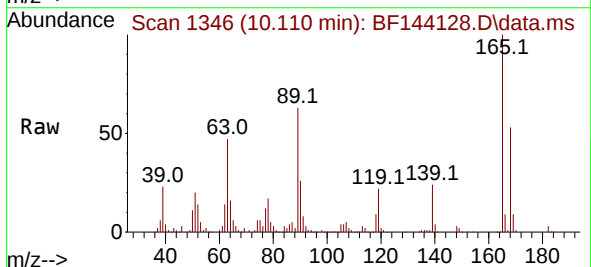
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Supervised By :Jagrut
Upadhyay

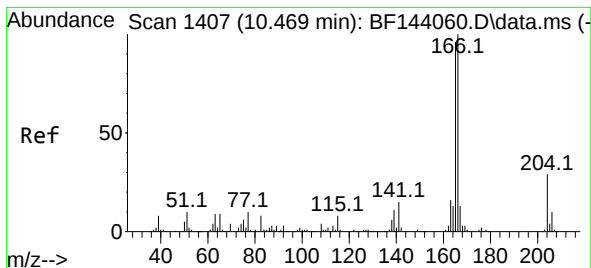
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#57
2,4-Dinitrotoluene
Concen: 58.122 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

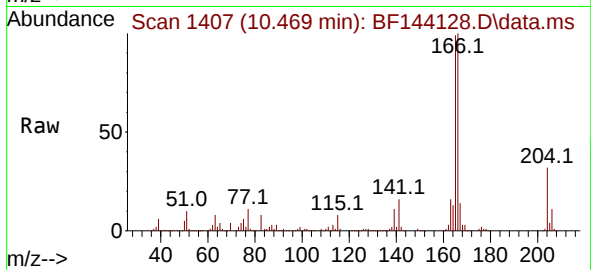
Tgt Ion:165 Resp: 128780
Ion Ratio Lower Upper
165 100
63 46.9 35.4 53.2
89 63.4 52.7 79.1
182 2.6 2.3 3.5





#58
Fluorene
Concen: 52.342 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



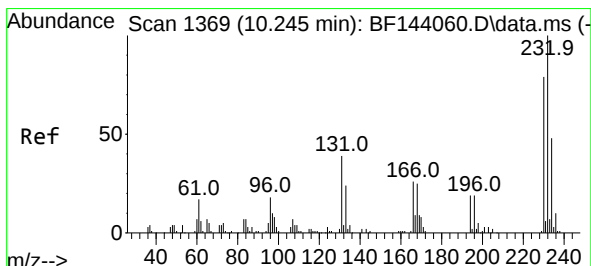
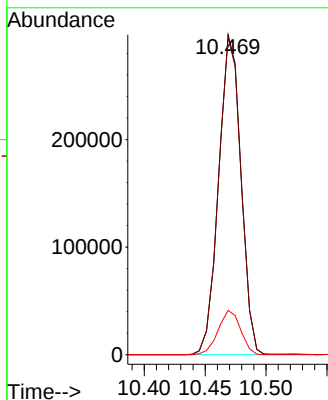
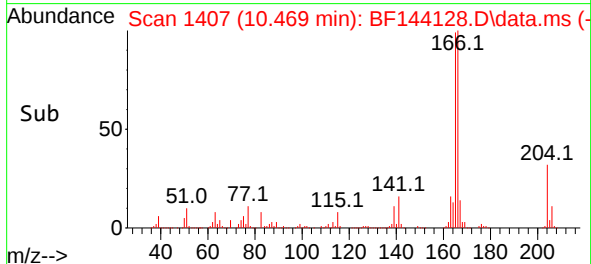
Tgt Ion:166 Resp: 378814
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 13.9 10.2 15.4

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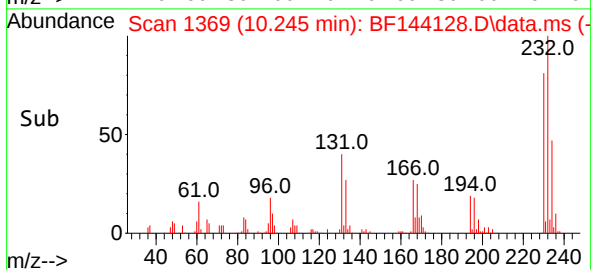
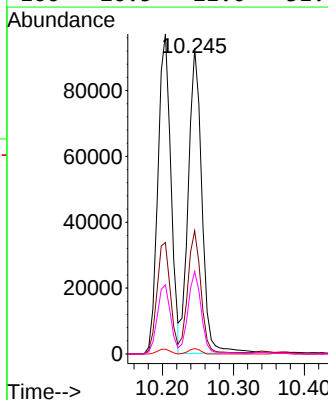
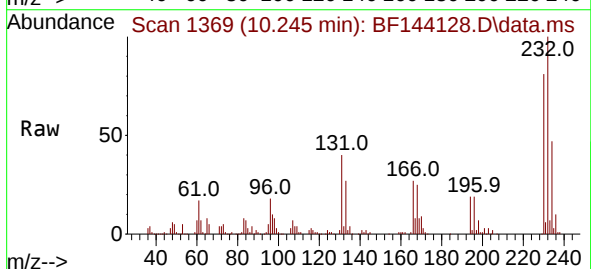
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Supervised By :Jagrut
Upadhyay

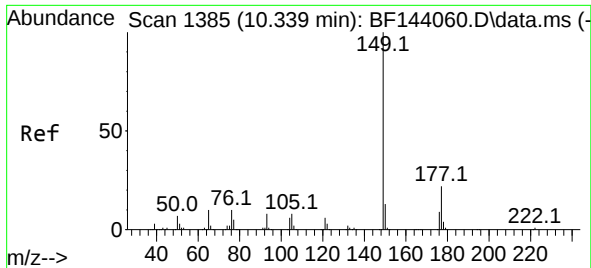
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#59
2,3,4,6-Tetrachlorophenol
Concen: 58.723 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

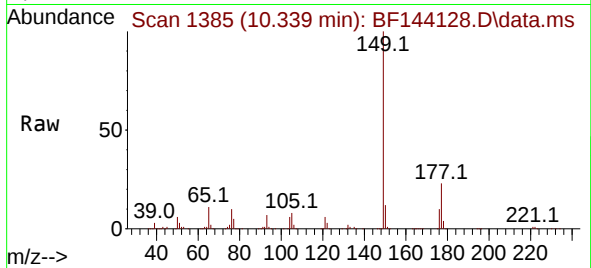
Tgt Ion:232 Resp: 122911
Ion Ratio Lower Upper
232 100
131 38.8 31.9 47.9
130 1.6 1.1 1.7
166 26.5 21.0 31.4





#60
Diethylphthalate
Concen: 54.569 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



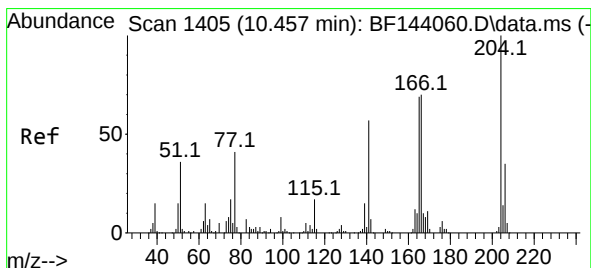
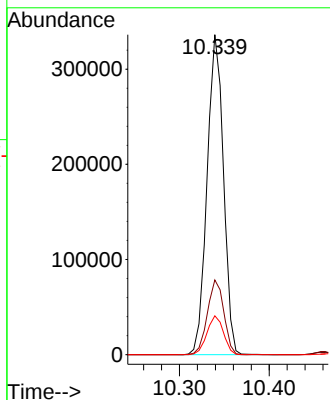
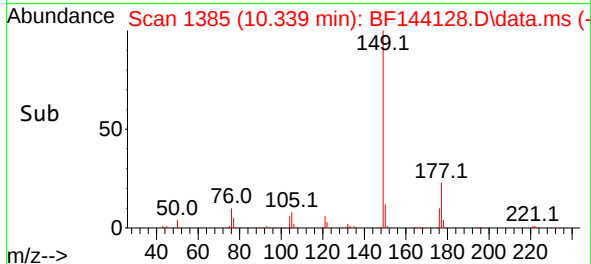
Tgt Ion:149 Resp: 426164
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.6
150 12.2 10.1 15.1

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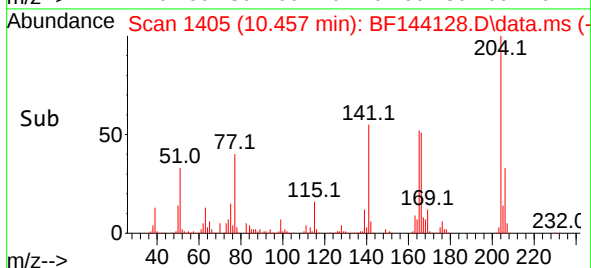
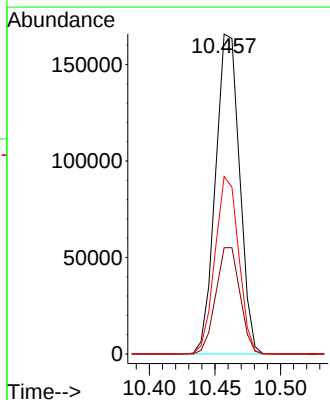
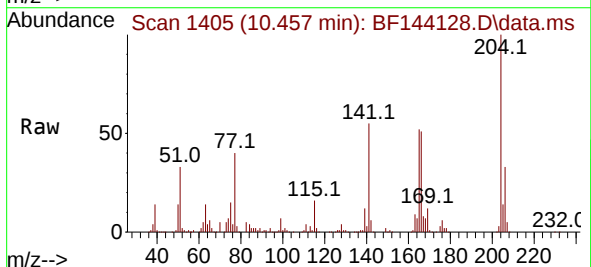
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Supervised By :Jagrut
Upadhyay

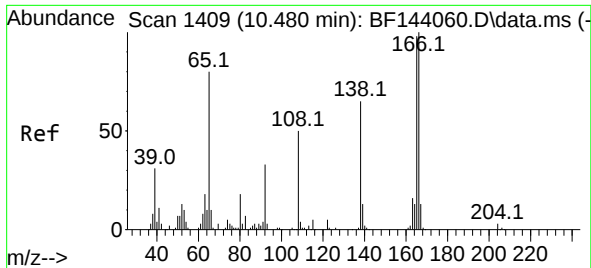
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#61
4-Chlorophenyl-phenylether
Concen: 51.968 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

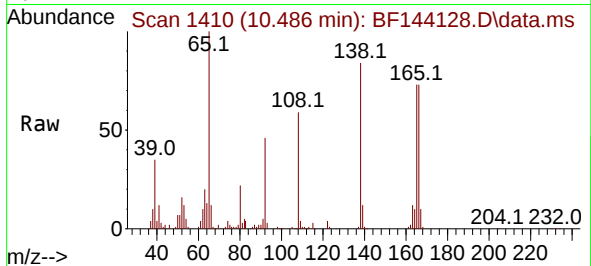
Tgt Ion:204 Resp: 211510
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 55.5 45.4 68.2





#62
4-Nitroaniline
Concen: 40.810 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



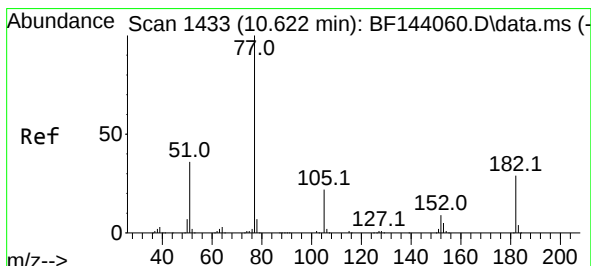
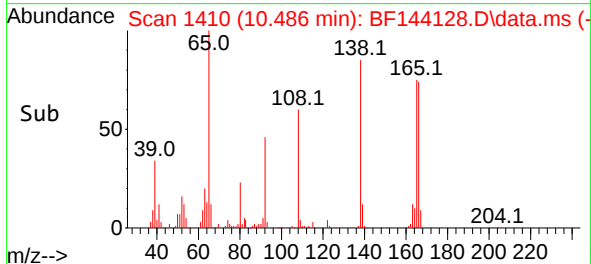
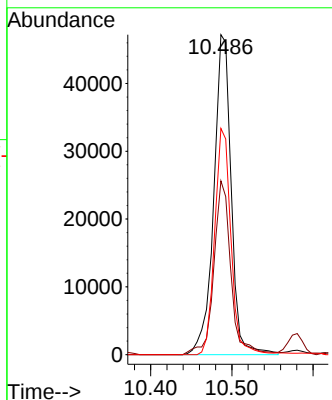
Tgt Ion:138 Resp: 70579
Ion Ratio Lower Upper
138 100
92 54.3 30.5 70.5
108 70.7 56.2 96.2

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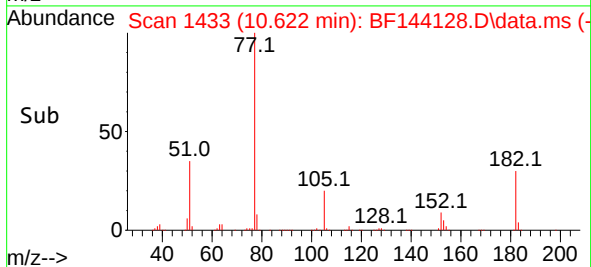
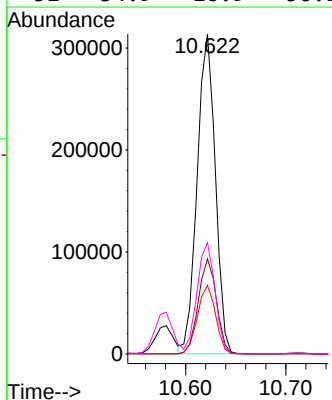
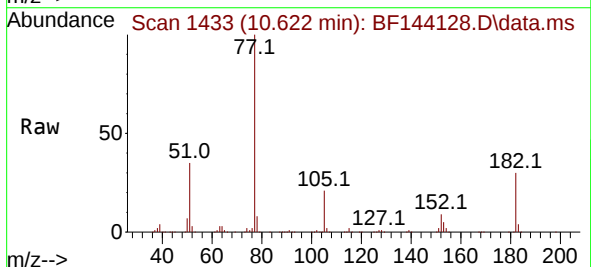
10/30/2025
Supervised By :Jagrut
Upadhyay

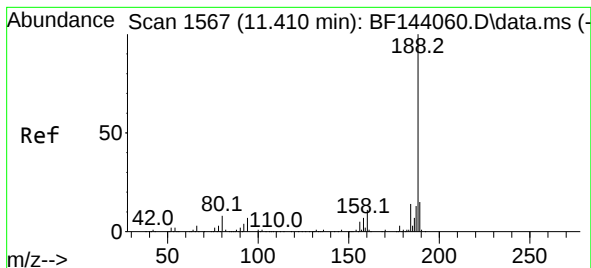
10/30/2025



#63
Azobenzene
Concen: 53.495 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

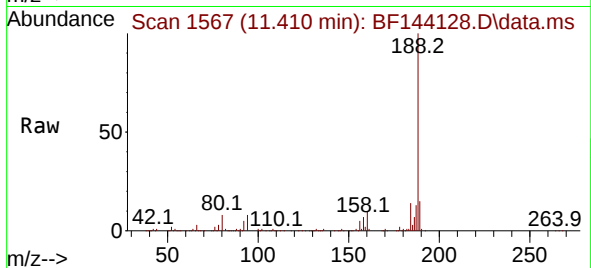
Tgt Ion: 77 Resp: 395412
Ion Ratio Lower Upper
77 100
182 29.7 9.0 49.0
105 21.4 1.4 41.4
51 34.9 16.9 56.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11410
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



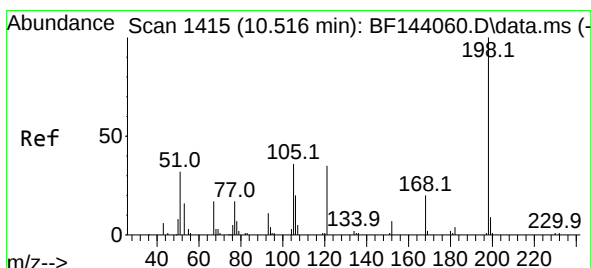
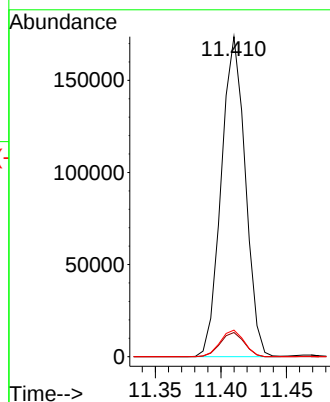
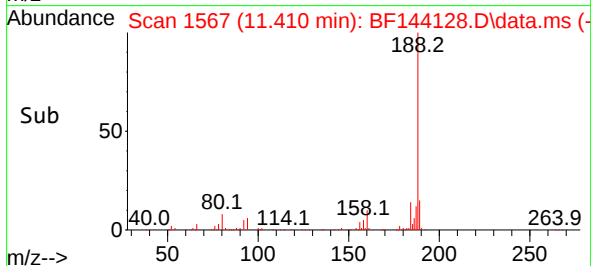
Tgt Ion:188 Resp: 221499
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 8.3 6.0 9.0

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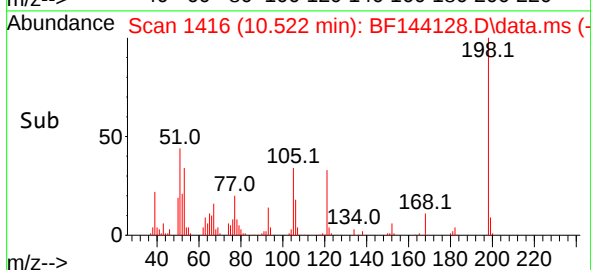
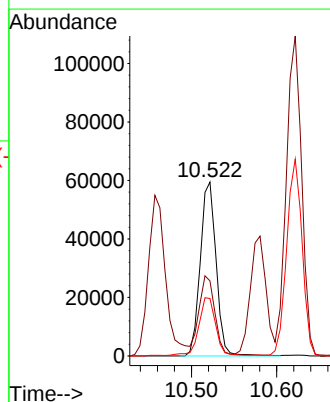
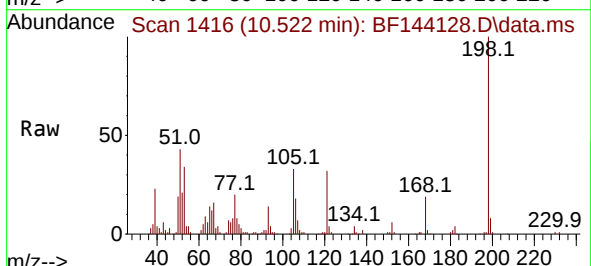
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Supervised By :Jagrut
Upadhyay

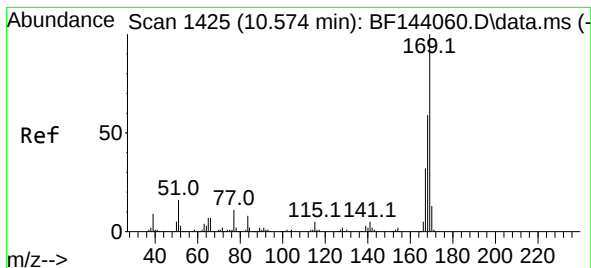
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#65
4,6-Dinitro-2-methylphenol
Concen: 54.068 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

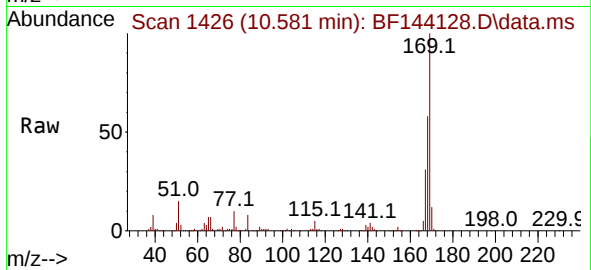
Tgt Ion:198 Resp: 76836
Ion Ratio Lower Upper
198 100
51 43.1 25.8 65.8
105 33.0 17.2 57.2





#66
n-Nitrosodiphenylamine
Concen: 49.464 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



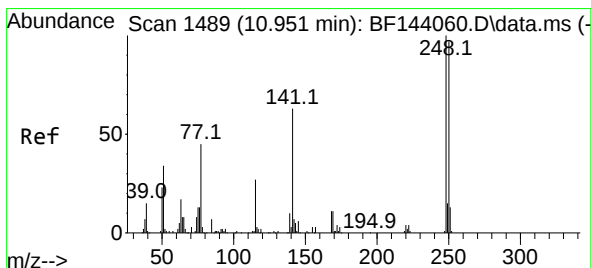
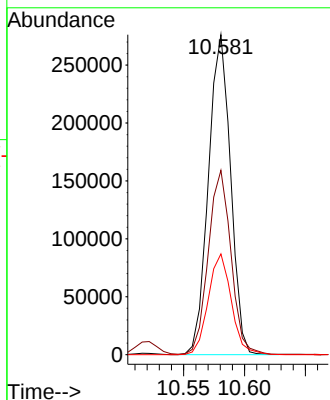
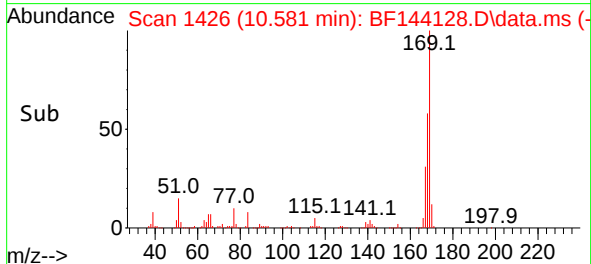
Tgt Ion:169 Resp: 35005
Ion Ratio Lower Upper
169 100
168 57.6 47.4 71.2
167 31.5 25.5 38.3

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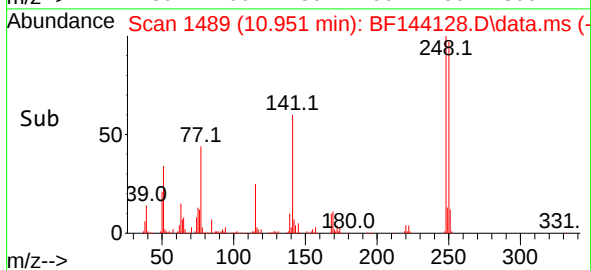
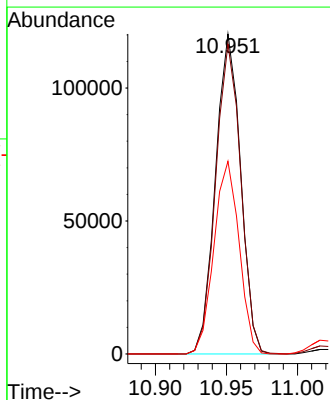
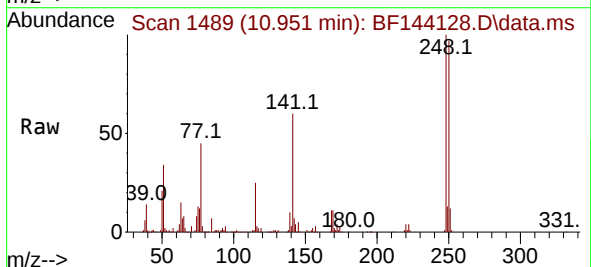
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Supervised By :Jagrut
Upadhyay

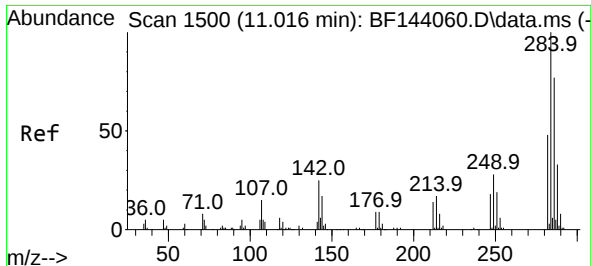
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#67
4-Bromophenyl-phenylether
Concen: 53.323 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:248 Resp: 147882
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 60.2 50.5 75.7



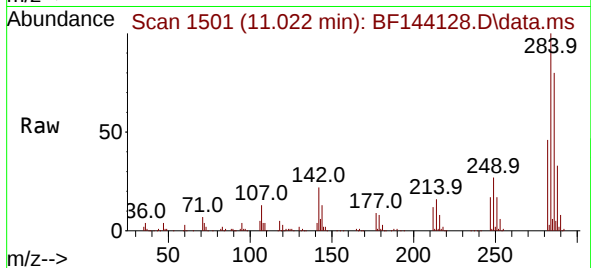


#68
Hexachlorobenzene
Concen: 52.260 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:284 Resp: 17774
Ion Ratio Lower Upper
284 100
142 21.7 20.0 30.0
249 27.4 22.2 33.2

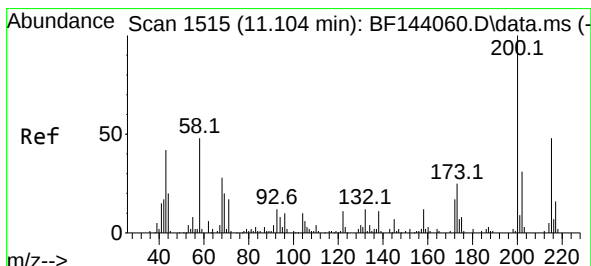
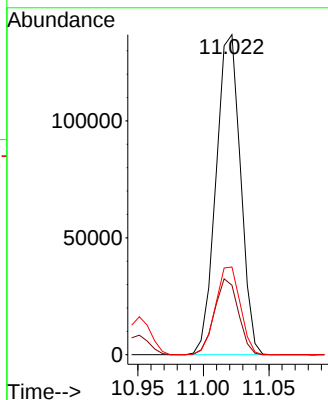
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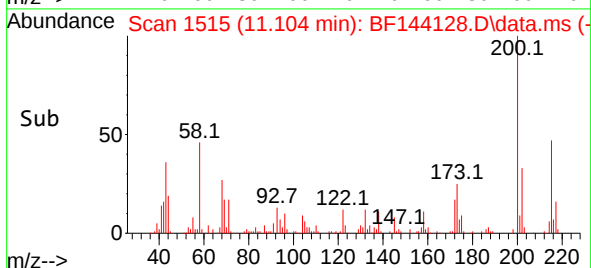
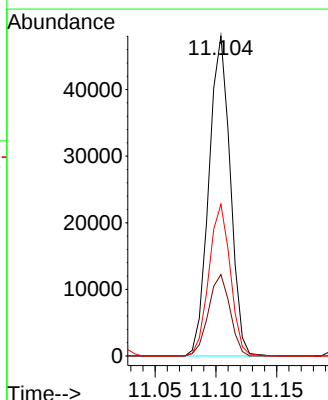
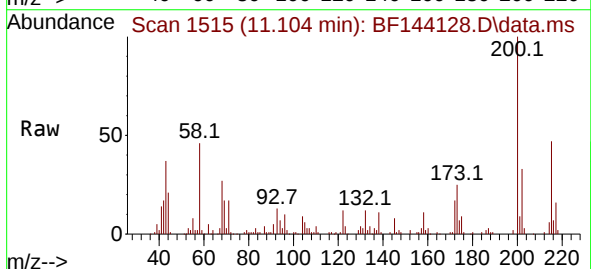
Supervised By :Jagrut
Upadhyay

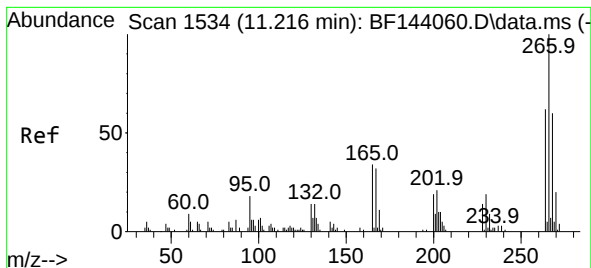
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#69
Atrazine
Concen: 25.239 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Tgt Ion:200 Resp: 58611
Ion Ratio Lower Upper
200 100
173 25.5 4.9 44.9
215 47.4 28.2 68.2



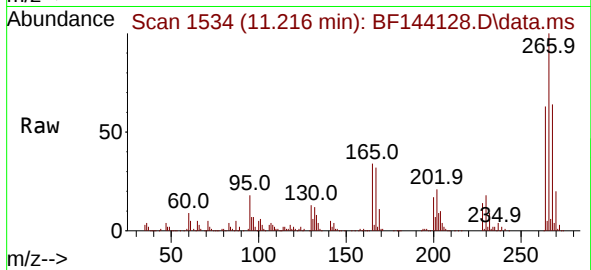


#70
 Pentachlorophenol
 Concen: 112.298 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:266 Resp: 181809
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.2 72.4
 264 63.3 49.4 74.0

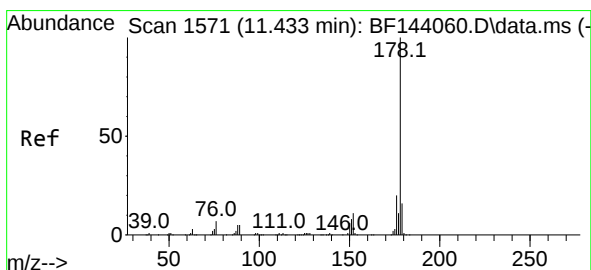
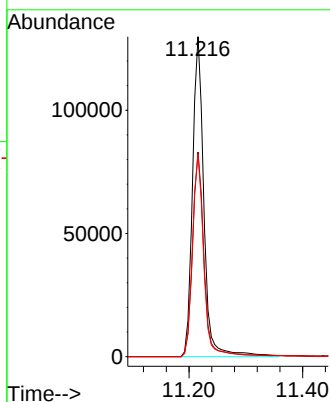
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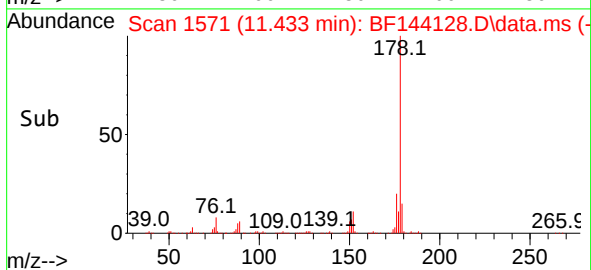
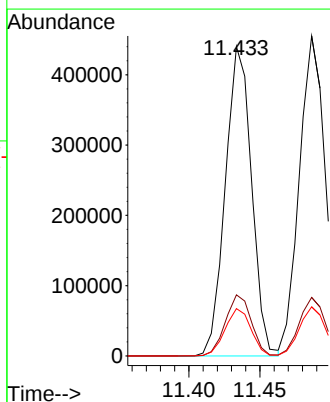
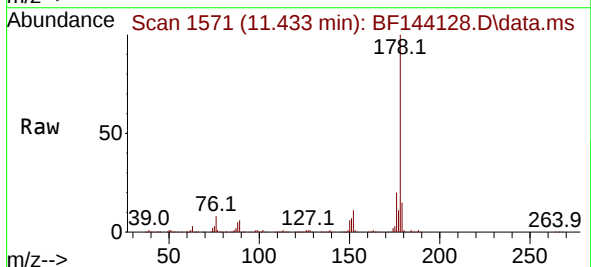
Supervised By :Jagrut
 Upadhyay

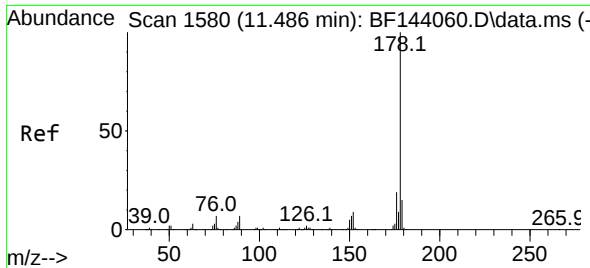
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#71
 Phenanthrene
 Concen: 51.569 ng
 RT: 11.433 min Scan# 1571
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

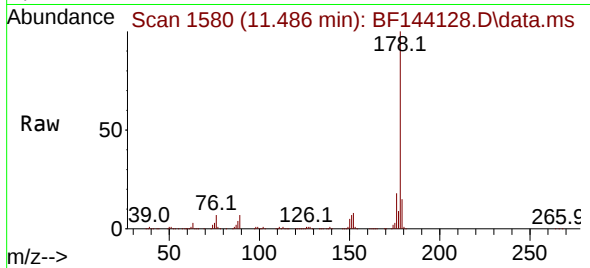
Tgt Ion:178 Resp: 567418
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 15.3 12.6 18.8





#72
 Anthracene
 Concen: 50.812 ng
 RT: 11.486 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :



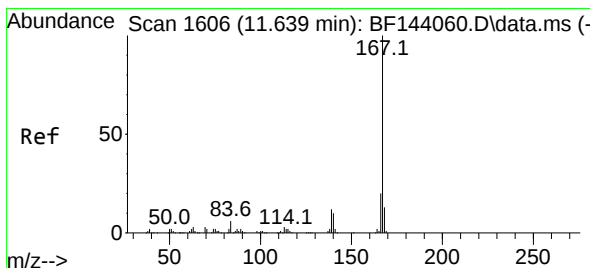
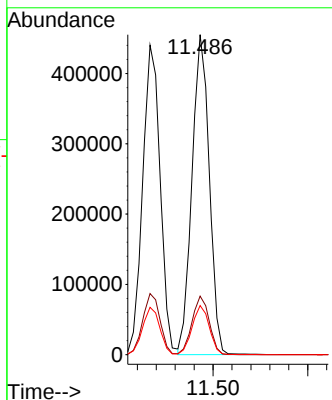
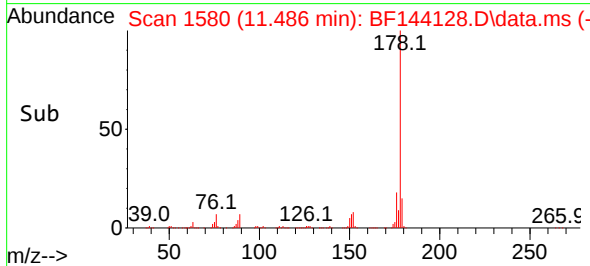
Tgt Ion:178 Resp: 57754
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.3 11.8 17.6

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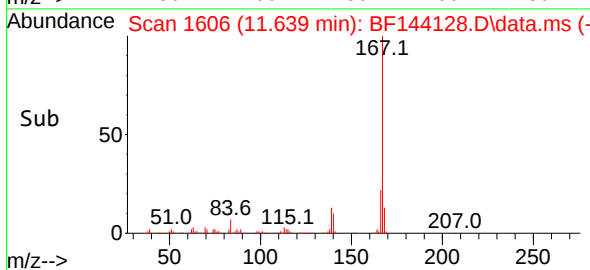
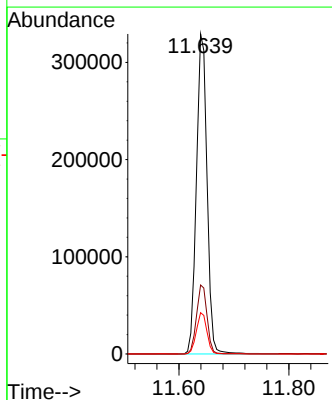
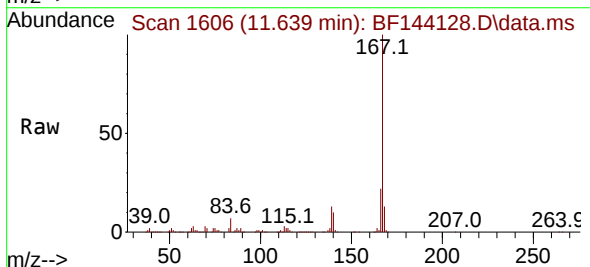
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 Supervised By :Jagrut
 Upadhyay

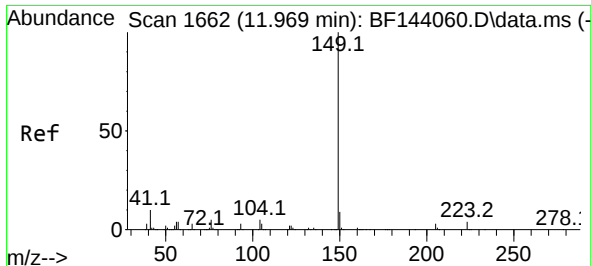
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#73
 Carbazole
 Concen: 45.851 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

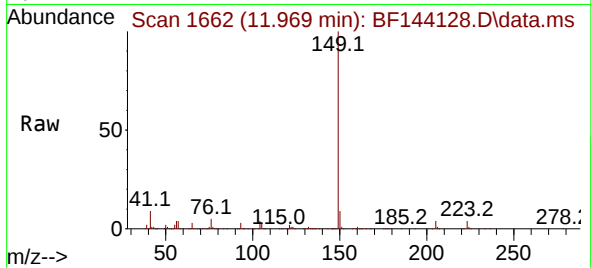
Tgt Ion:167 Resp: 443592
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.1 24.1
 139 12.9 9.8 14.6





#74
Di-n-butylphthalate
Concen: 54.009 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



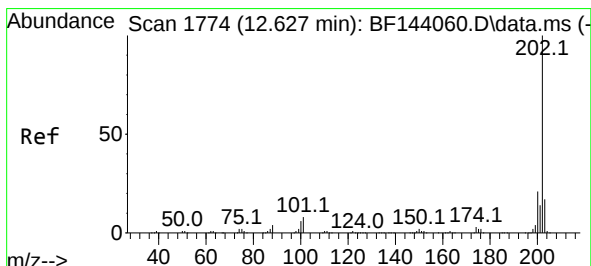
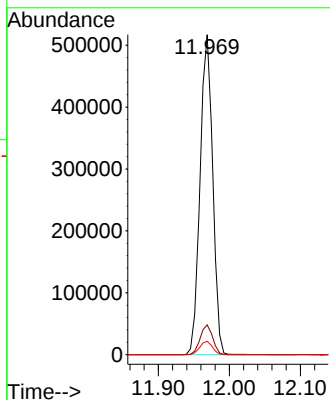
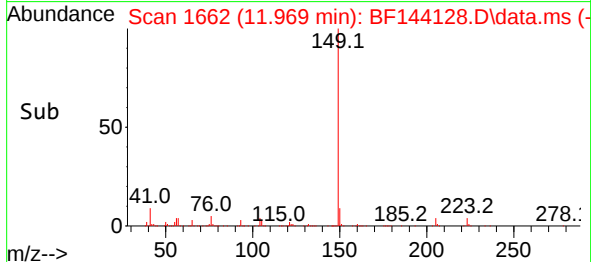
Tgt Ion:149 Resp: 64062
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.2 3.6 5.4

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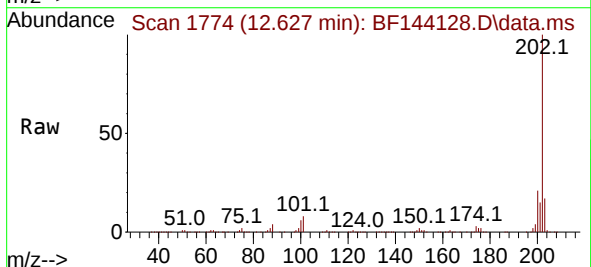
Reviewed By :Rahul
Chavli

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Supervised By :Jagrut
Upadhyay

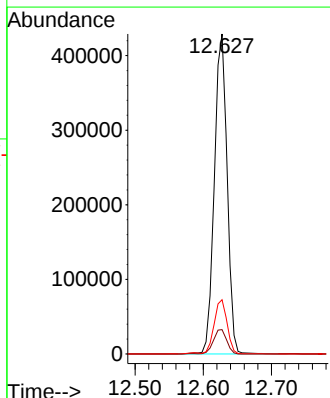
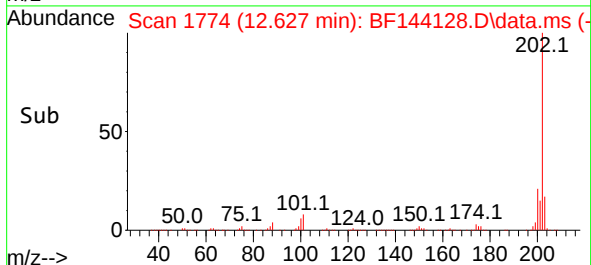
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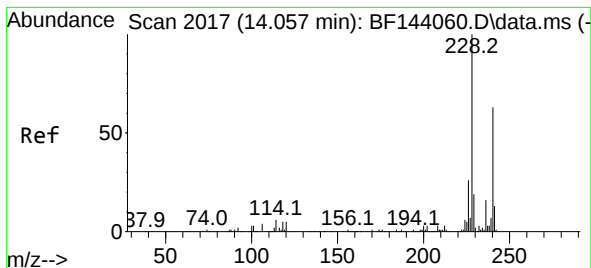


#75
Fluoranthene
Concen: 46.072 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion:202 Resp: 560069
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.7
203 17.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

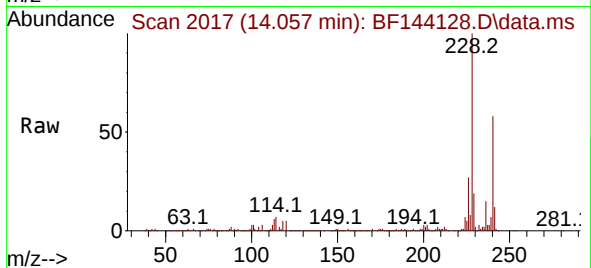
Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:240 Resp: 15072

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	25.5	20.1	30.1

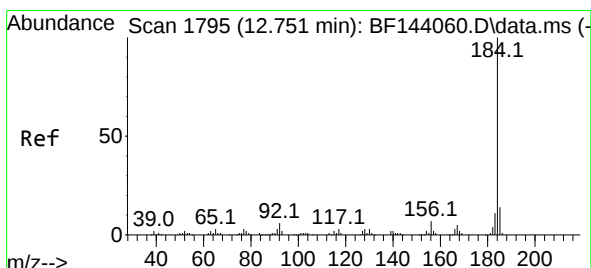
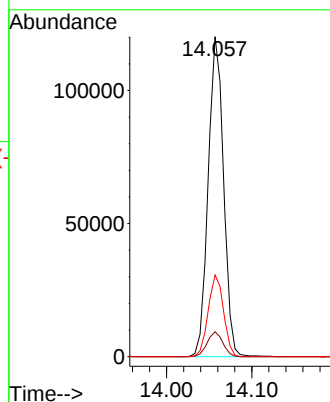
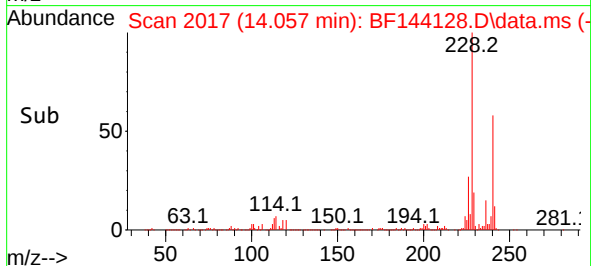
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Chavli

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Supervised By :Jagrut
Upadhyay

10/30/2025



#77

Benzidine

Concen: 2.951 ng m

RT: 12.763 min Scan# 1797

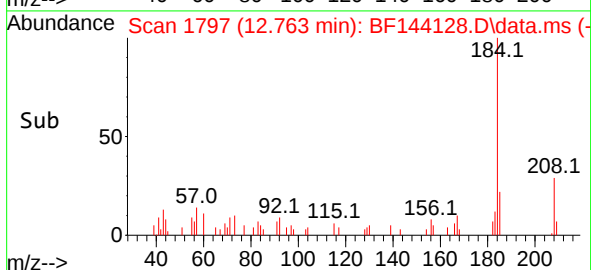
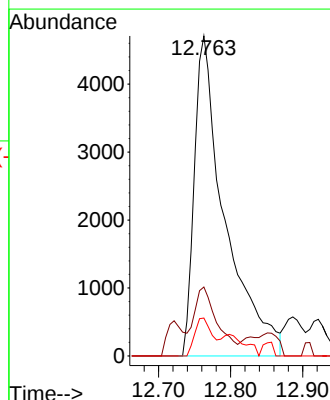
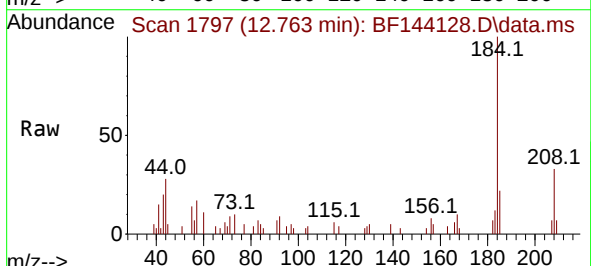
Delta R.T. 0.012 min

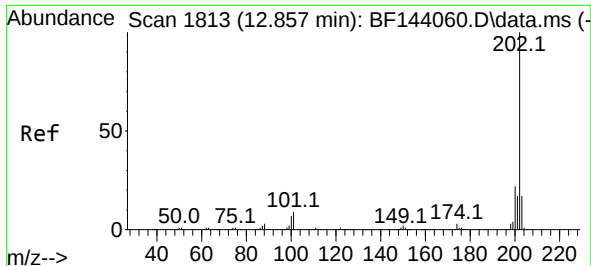
Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Tgt Ion:184 Resp: 13841

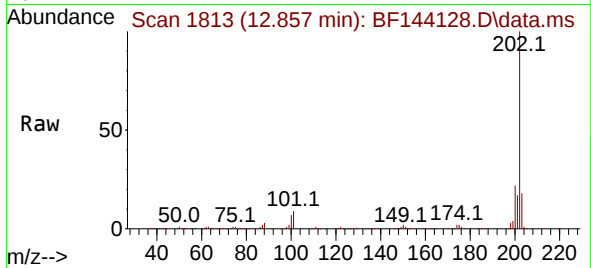
Ion	Ratio	Lower	Upper
184	100		
185	21.6	11.6	17.4#
183	11.9	8.5	12.7





#78
Pyrene
Concen: 51.761 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



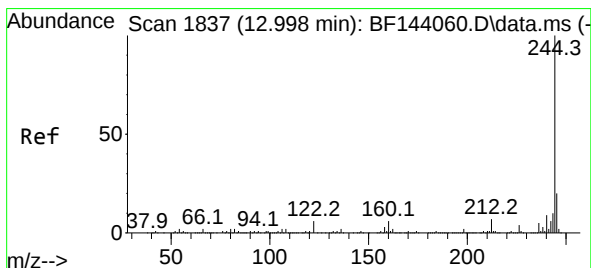
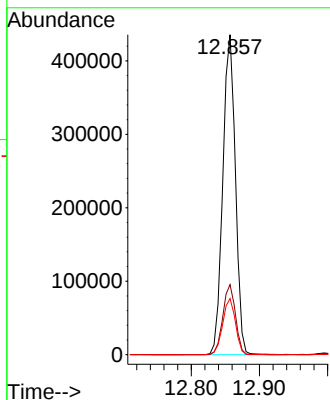
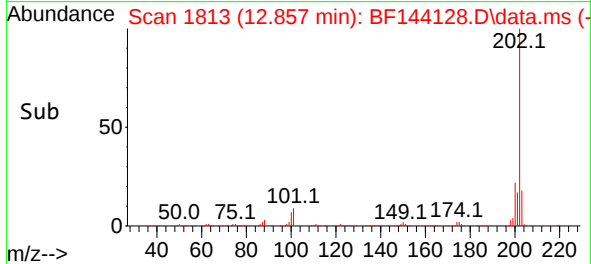
Tgt Ion:202 Resp: 56088
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 17.6 13.5 20.3

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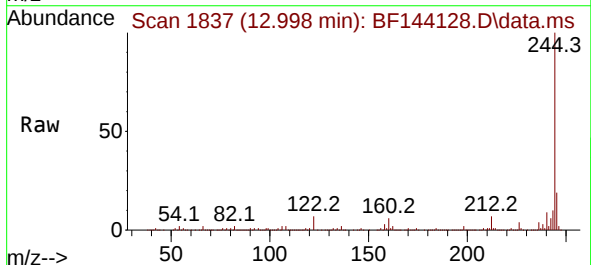
Reviewed By :Rahul
Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

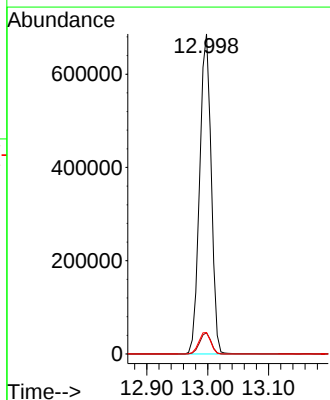
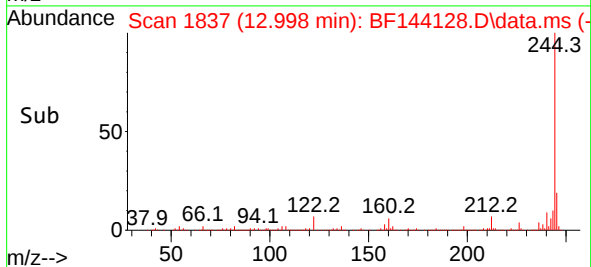
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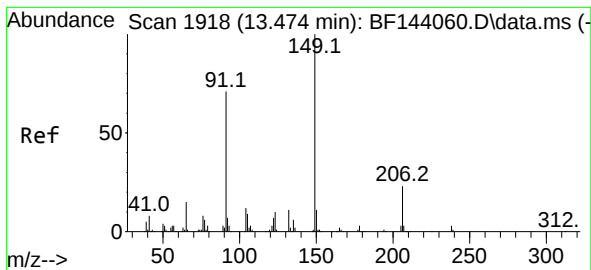


#79
Terphenyl-d14
Concen: 104.505 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02



Tgt Ion:244 Resp: 900993
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.7 4.9 7.3



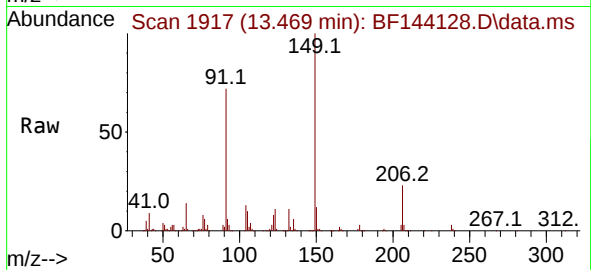


#80
Butylbenzylphthalate
Concen: 54.910 ng
RT: 13.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:149 Resp: 225098
Ion Ratio Lower Upper
149 100
91 72.0 56.6 84.8
206 23.4 18.3 27.5

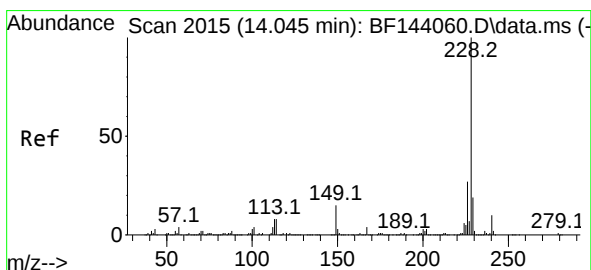
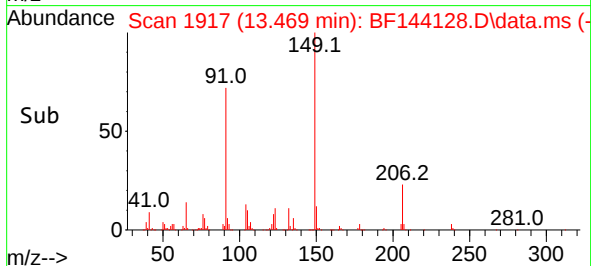
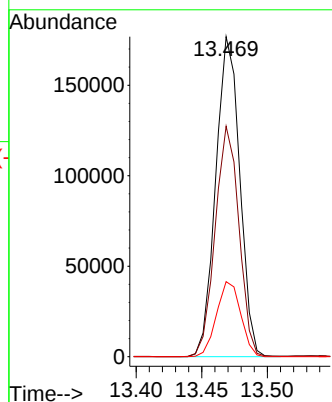
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Reviewed By :Rahul
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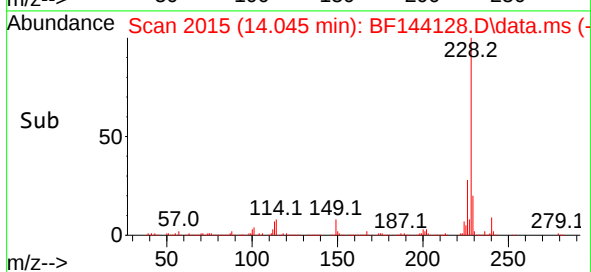
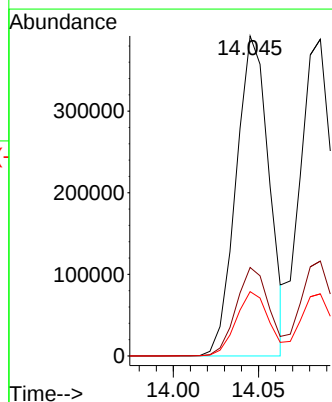
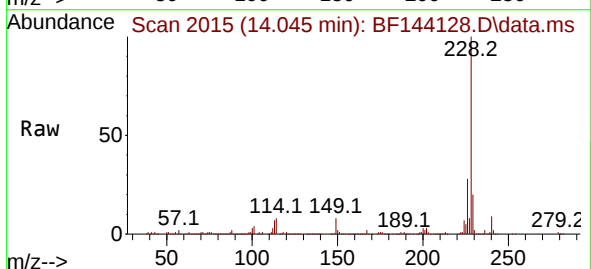
Supervised By :Jagrut
Upadhyay

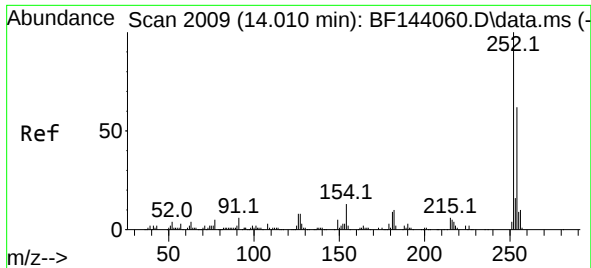
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#81
Benzo(a)anthracene
Concen: 51.750 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

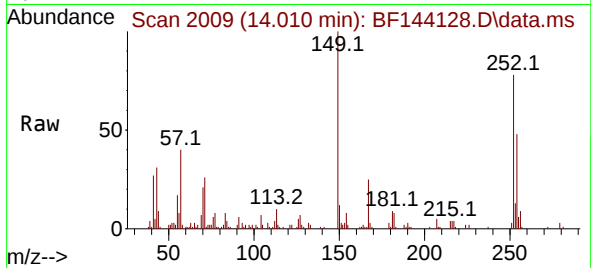
Tgt Ion:228 Resp: 527127
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 20.1 15.3 22.9





#82
3,3'-Dichlorobenzidine
Concen: 6.127 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



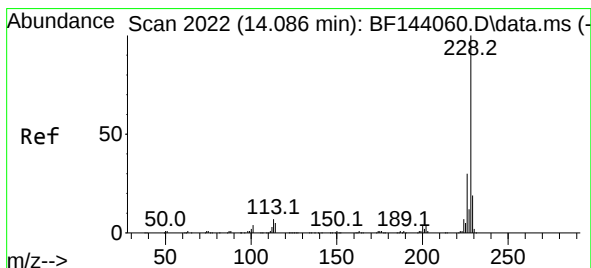
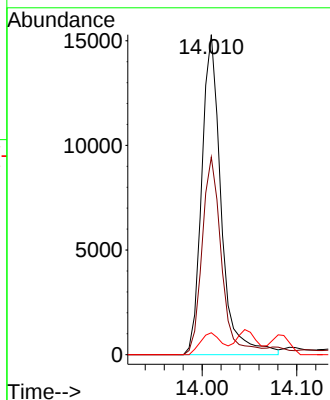
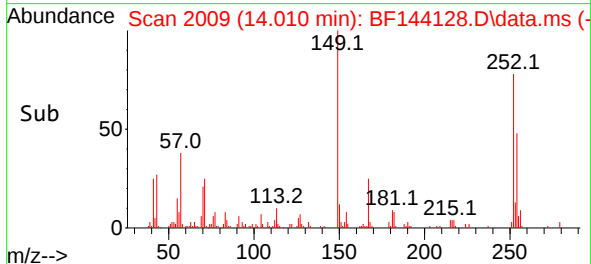
Tgt Ion:252 Resp: 21724
Ion Ratio Lower Upper
252 100
254 61.8 49.9 74.9
126 6.8 6.5 9.7

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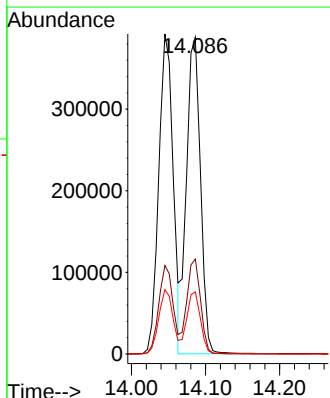
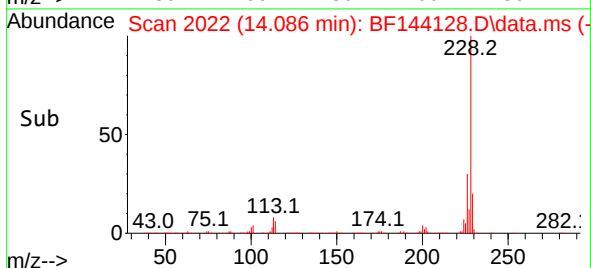
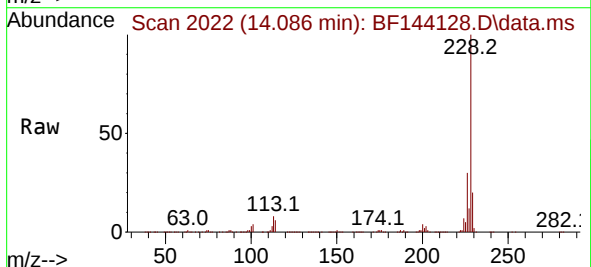
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Supervised By :Jagrut
Upadhyay

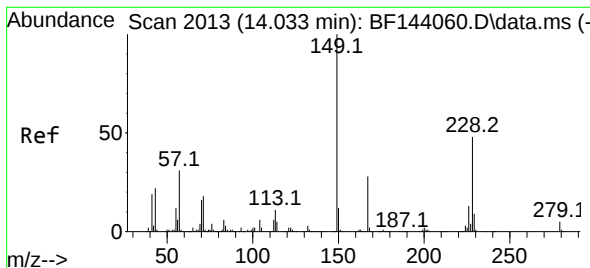
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#83
Chrysene
Concen: 53.474 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

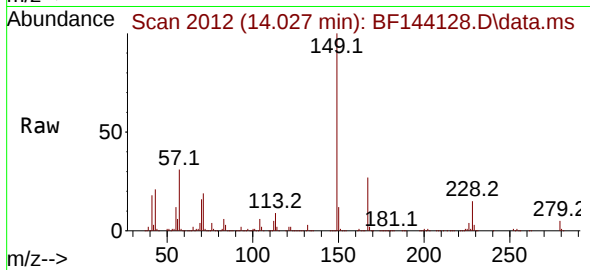
Tgt Ion:228 Resp: 511132
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.6 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.199 ng
RT: 14.027 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



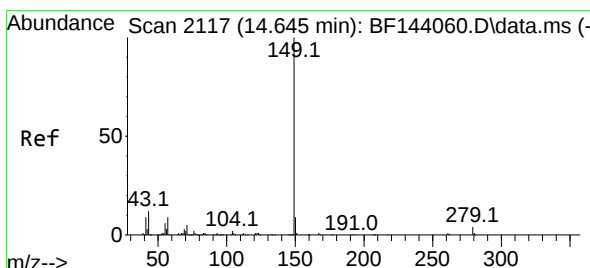
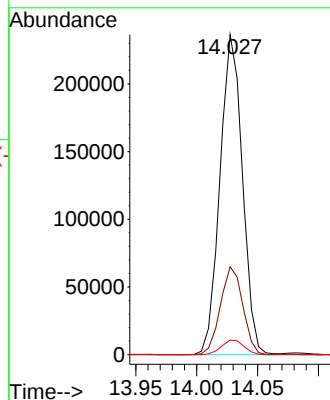
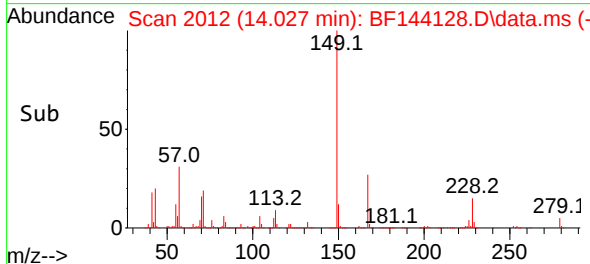
Tgt Ion:149 Resp: 30332
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.6 3.6 5.4

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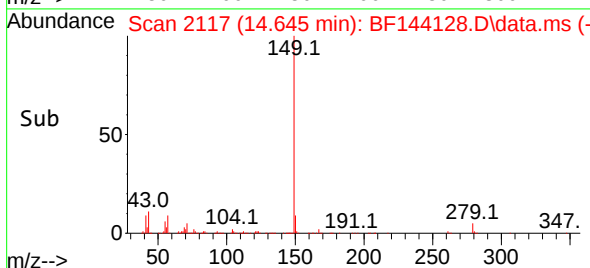
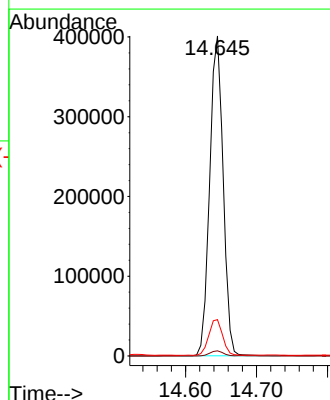
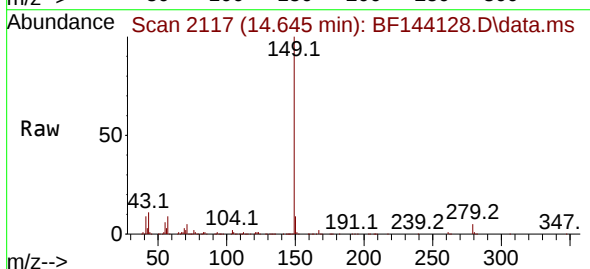
10/30/2025
Supervised By :Jagrut
Upadhyay

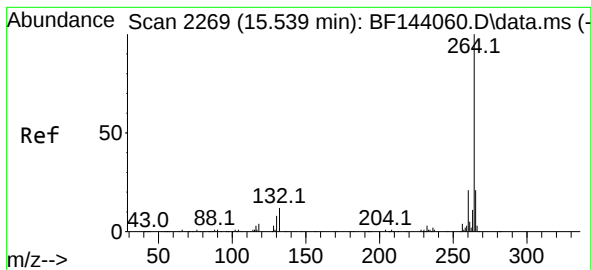
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#85
Di-n-octyl phthalate
Concen: 54.924 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

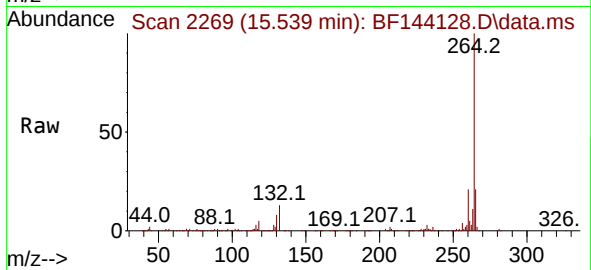
Tgt Ion:149 Resp: 528604
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 9.3 13.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02

Instrument :
 BNA_F
 ClientSampleId :



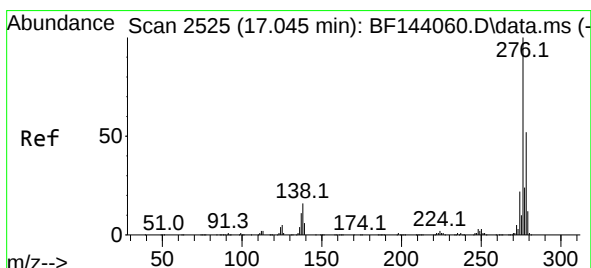
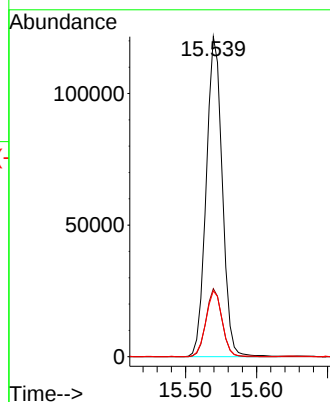
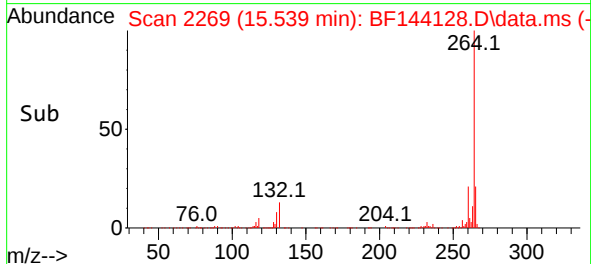
Tgt Ion:264 Resp: 19104
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.0 25.4
 265 20.6 16.6 24.8

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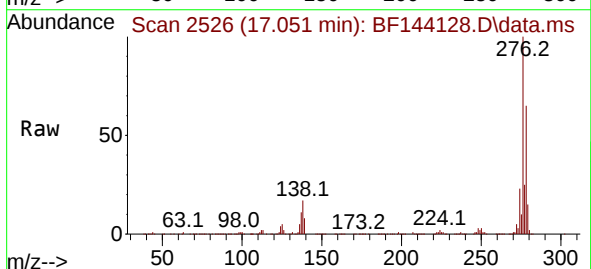
Reviewed By :Rahul
 Chavli

10/30/2025
 Supervised By :Jagrut
 Upadhyay

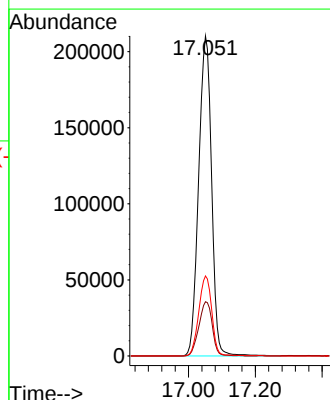
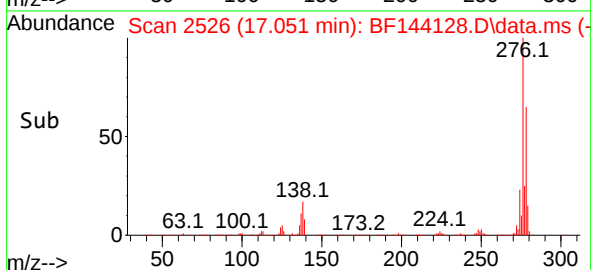
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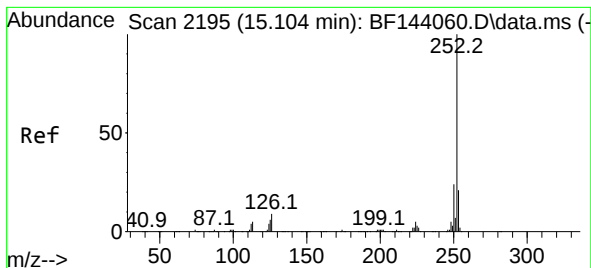


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.024 ng
 RT: 17.051 min Scan# 2526
 Delta R.T. 0.006 min
 Lab File: BF144128.D
 Acq: 29 Oct 2025 15:02



Tgt Ion:276 Resp: 564309
 Ion Ratio Lower Upper
 276 100
 138 17.5 13.0 19.6
 277 25.2 19.4 29.0





#88

Benzo(b)fluoranthene

Concen: 54.391 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

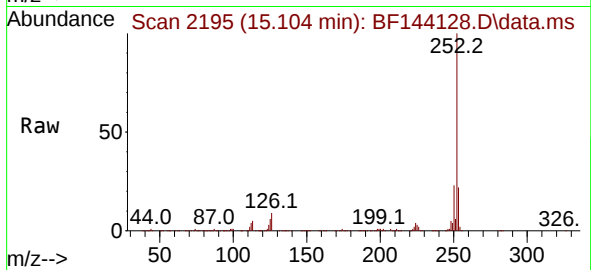
Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 58743

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 6.5 5.0 7.6

Manual Integrations

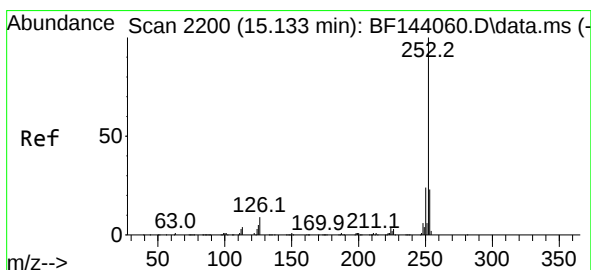
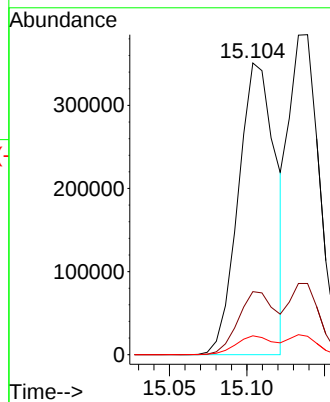
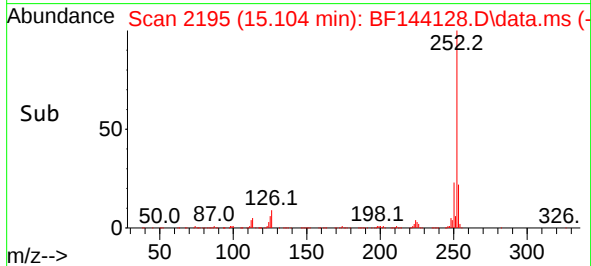
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#89

Benzo(k)fluoranthene

Concen: 52.440 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF144128.D

Acq: 29 Oct 2025 15:02

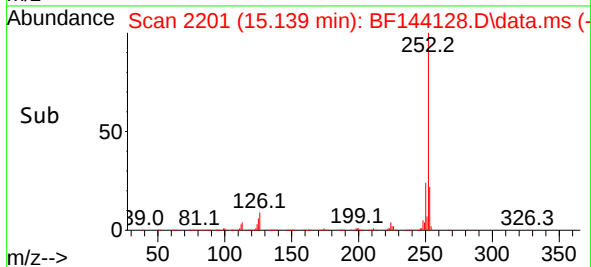
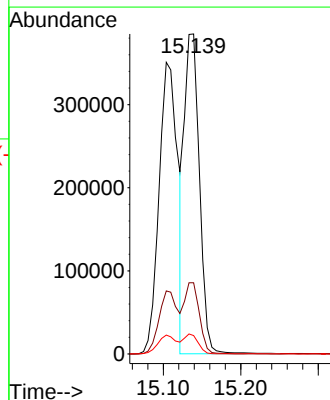
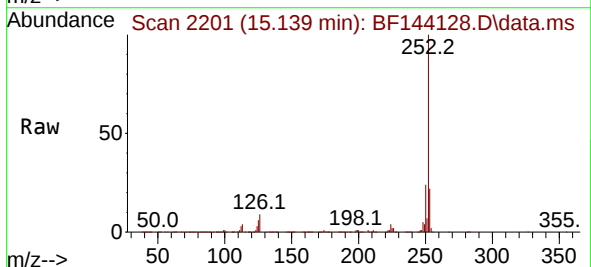
Tgt Ion:252 Resp: 522551

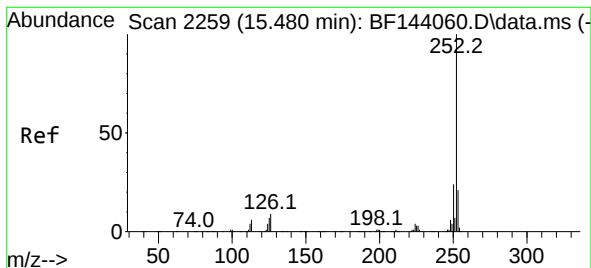
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

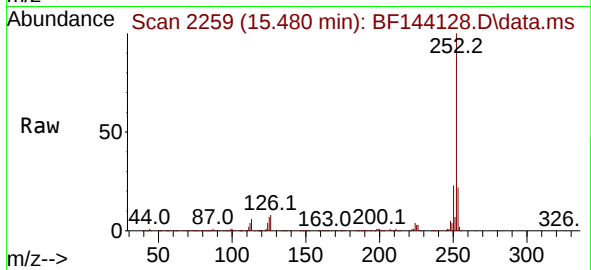
125 5.8 4.9 7.3





#90
Benzo(a)pyrene
Concen: 56.382 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



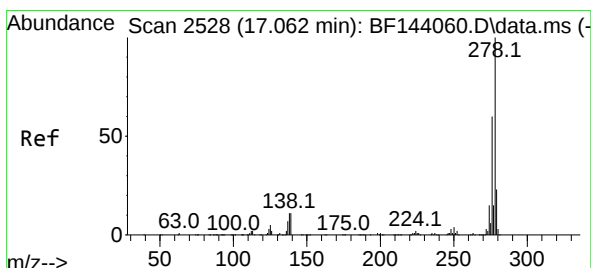
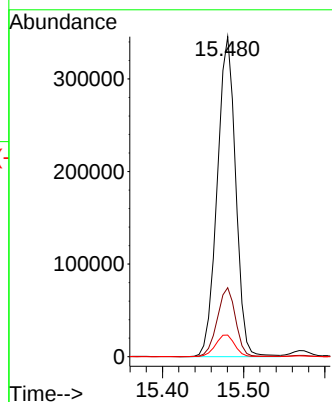
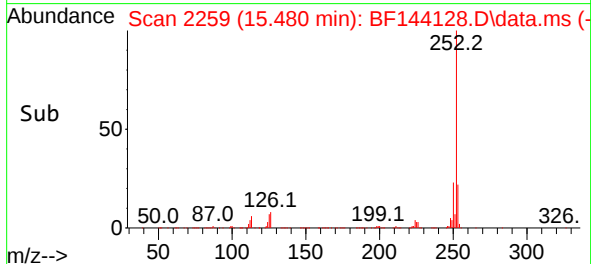
Tgt Ion:252 Resp: 546298
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 6.8 5.4 8.2

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Chavli

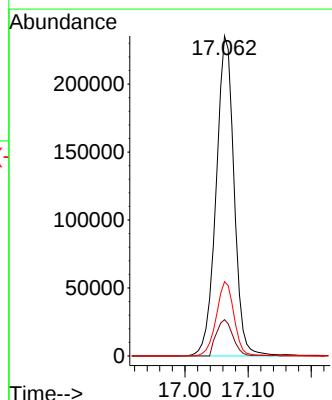
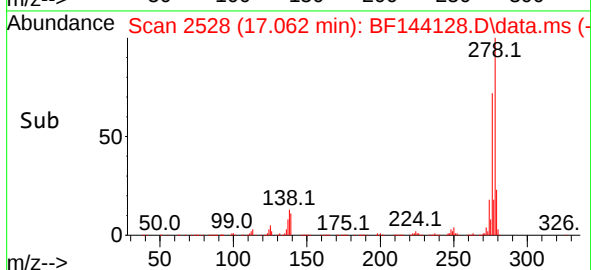
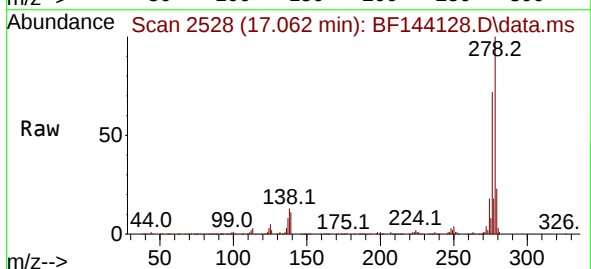
10/30/2025
Supervised By :Jagrut
Upadhyay

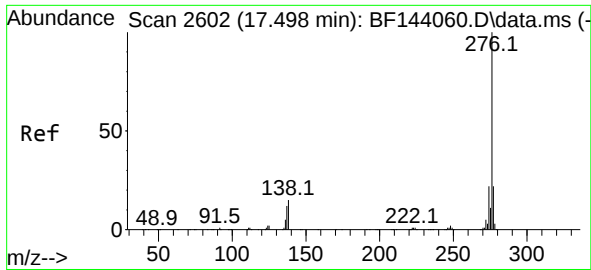
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#91
Dibenzo(a,h)anthracene
Concen: 44.699 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

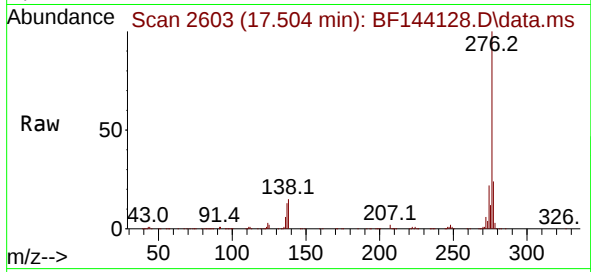
Tgt Ion:278 Resp: 464083
Ion Ratio Lower Upper
278 100
139 11.4 8.5 12.7
279 23.2 18.6 28.0





#92
Benzo(g,h,i)perylene
Concen: 39.424 ng
RT: 17.504 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144128.D
Acq: 29 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:276 Resp: 41152
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 14.7 12.0 18.0

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Chavli

10/30/2025
Supervised By :Jagrut
Upadhyay

10/30/2025

