

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144124.D
 Acq On : 29 Oct 2025 13:00
 Operator : RC/JU
 Sample : PB170259BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170259BS

Quant Time: Oct 29 13:22:57 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

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli
 10/30/2025
 Supervised By :Jagrut
 Upadhyay
 10/30/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66576	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	250216	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143084	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234592	20.000	ng	0.00
76) Chrysene-d12	14.057	240	143872	20.000	ng	0.00
86) Perylene-d12	15.539	264	198298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	479300	113.900	ng	0.01
7) Phenol-d6	6.510	99	533306	114.755	ng	0.00
23) Nitrobenzene-d5	7.440	82	357733	78.329	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	212339	116.502	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	751579	73.917	ng	0.00
79) Terphenyl-d14	12.992	244	750516	91.197	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	63724	35.044	ng	98
3) Pyridine	3.469	79	181702	37.325	ng	96
4) n-Nitrosodimethylamine	3.416	42	120212	40.187	ng	92
6) Aniline	6.540	93	203039	30.538	ng	97
8) 2-Chlorophenol	6.663	128	173281	41.814	ng	100
9) Benzaldehyde	6.428	77	98015	27.164	ng	99
10) Phenol	6.522	94	232673	40.581	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	178703	43.134	ng	99
12) 1,3-Dichlorobenzene	6.816	146	219433	42.925	ng	100
13) 1,4-Dichlorobenzene	6.893	146	219038	43.478	ng	98
14) 1,2-Dichlorobenzene	7.045	146	213522	43.803	ng	99
15) Benzyl Alcohol	7.022	79	167277	44.267	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334423	42.949	ng	97
17) 2-Methylphenol	7.128	107	139383	43.731	ng	96
18) Hexachloroethane	7.387	117	73893	41.025	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	132419	44.062	ng	98
20) 3+4-Methylphenols	7.281	107	160662	42.640	ng	# 87
22) Acetophenone	7.287	105	259849	48.054	ng	96
24) Nitrobenzene	7.463	77	205942	42.627	ng	99
25) Isophorone	7.698	82	361033	45.216	ng	99
26) 2-Nitrophenol	7.775	139	102108	44.427	ng	95
27) 2,4-Dimethylphenol	7.810	122	163534	47.881	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	221216	44.426	ng	98
29) 2,4-Dichlorophenol	8.016	162	167860	42.262	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	187378	45.857	ng	96
31) Naphthalene	8.181	128	508690	43.074	ng	99
32) Benzoic acid	7.934	122	109157	50.385	ng	85
33) 4-Chloroaniline	8.234	127	56441	13.729	ng	97
34) Hexachlorobutadiene	8.298	225	134424	40.232	ng	98
35) Caprolactam	8.598	113	48341m	48.534	ng	
36) 4-Chloro-3-methylphenol	8.716	107	159115	45.395	ng	96
37) 2-Methylnaphthalene	8.875	142	311580	40.017	ng	96
38) 1-Methylnaphthalene	8.975	142	316489	42.904	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	213852	43.488	ng	99
41) Hexachlorocyclopentadiene	9.028	237	187232	123.273	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	133277	41.697	ng	97

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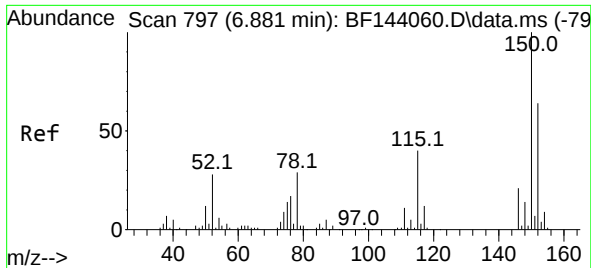
Manual Integrations
 APPROVED

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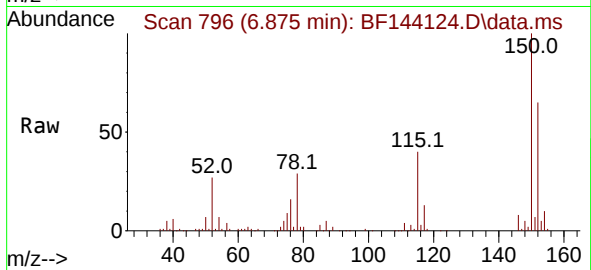
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	138074	41.160	ng	93
46) 1,1'-Biphenyl	9.339	154	455556	44.477	ng	99
47) 2-Chloronaphthalene	9.363	162	354961	41.366	ng	96
48) 2-Nitroaniline	9.463	65	107627	42.238	ng	96
49) Acenaphthylene	9.781	152	536680	46.384	ng	100
50) Dimethylphthalate	9.639	163	400761	42.730	ng	99
51) 2,6-Dinitrotoluene	9.704	165	86195	46.488	ng	90
52) Acenaphthene	9.951	154	300146	38.843	ng	97
53) 3-Nitroaniline	9.869	138	47787	23.181	ng	99
54) 2,4-Dinitrophenol	9.981	184	83994	83.757	ng	96
55) Dibenzofuran	10.128	168	444695	41.454	ng	97
56) 4-Nitrophenol	10.033	139	111693	80.014	ng	93
57) 2,4-Dinitrotoluene	10.110	165	110443	44.135	ng	94
58) Fluorene	10.469	166	347631	42.530	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	110286	46.654	ng	98
60) Diethylphthalate	10.339	149	374970	42.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	190989	41.550	ng	98
62) 4-Nitroaniline	10.486	138	81223	41.584	ng	95
63) Azobenzene	10.622	77	355266	42.557	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	64003	42.524	ng	98
66) n-Nitrosodiphenylamine	10.575	169	335371	44.744	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	131330	44.712	ng	98
68) Hexachlorobenzene	11.016	284	159219	44.199	ng	98
69) Atrazine	11.104	200	112388	45.694	ng	98
70) Pentachlorophenol	11.216	266	153246	89.373	ng	98
71) Phenanthrene	11.433	178	499931	42.900	ng	98
72) Anthracene	11.486	178	519838	43.182	ng	99
73) Carbazole	11.639	167	434519	42.406	ng	100
74) Di-n-butylphthalate	11.963	149	520692	41.448	ng	100
75) Fluoranthene	12.622	202	506120	39.311	ng	100
77) Benzidine	12.745	184	147353	32.909	ng	99
78) Pyrene	12.851	202	502706	48.602	ng	99
80) Butylbenzylphthalate	13.469	149	178851	45.706	ng	97
81) Benzo(a)anthracene	14.045	228	442138	45.474	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	77862	23.005	ng	99
83) Chrysene	14.080	228	405384	44.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	245421	45.942	ng	99
85) Di-n-octyl phthalate	14.639	149	431238	46.941	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	620917	45.608	ng	98
88) Benzo(b)fluoranthene	15.104	252	484784	43.244	ng	98
89) Benzo(k)fluoranthene	15.133	252	471937	45.628	ng	99
90) Benzo(a)pyrene	15.474	252	476910	47.420	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	512103	47.520	ng	99
92) Benzo(g,h,i)perylene	17.498	276	513596	47.402	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

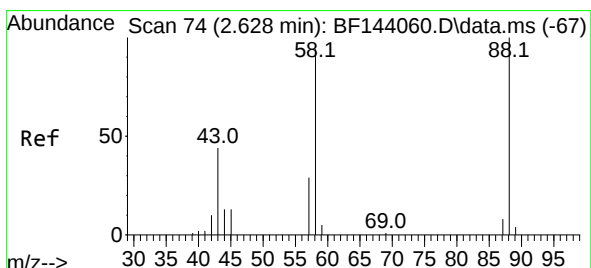
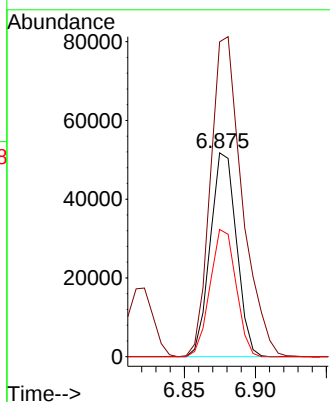
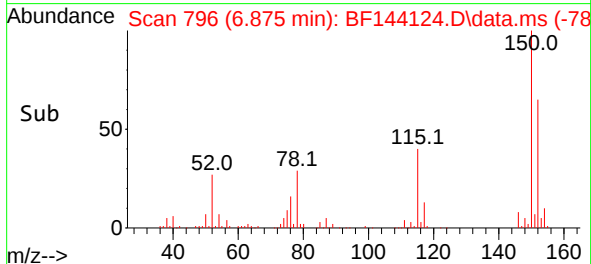


Tgt Ion:152 Resp: 66570
Ion Ratio Lower Upper
152 100
150 154.4 124.4 186.6
115 62.3 49.4 74.0

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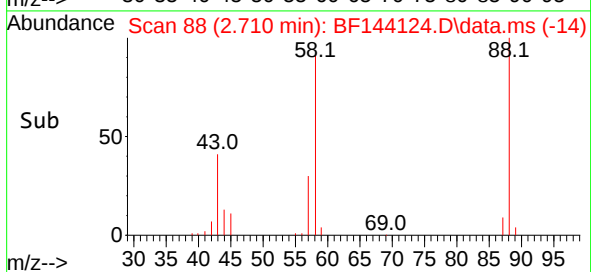
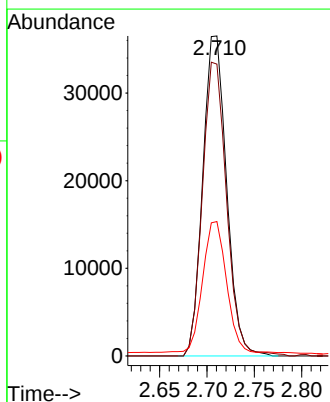
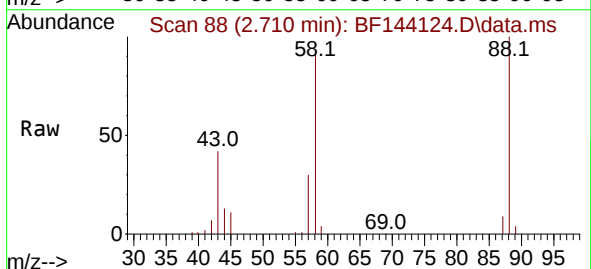
Reviewed By :Rahul
Chavli
10/30/2025

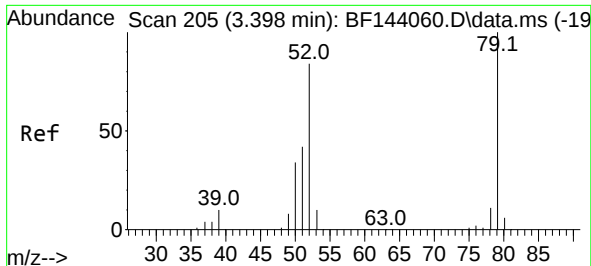
Supervised By :Jagrut
Upadhyay
10/30/2025



#2
1,4-Dioxane
Concen: 35.044 ng
RT: 2.710 min Scan# 88
Delta R.T. 0.082 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

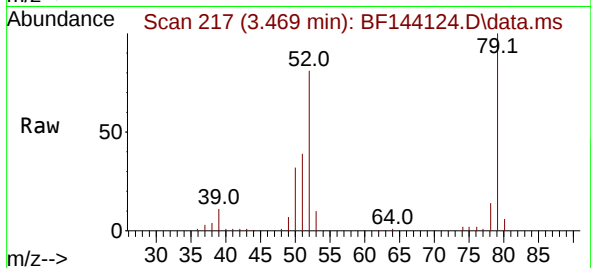
Tgt Ion: 88 Resp: 63724
Ion Ratio Lower Upper
88 100
58 93.3 76.5 114.7
43 43.9 35.3 52.9





#3
Pyridine
Concen: 37.325 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.071 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

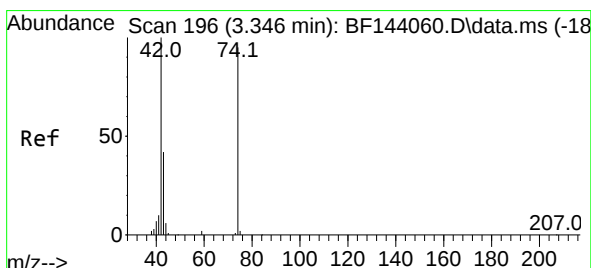
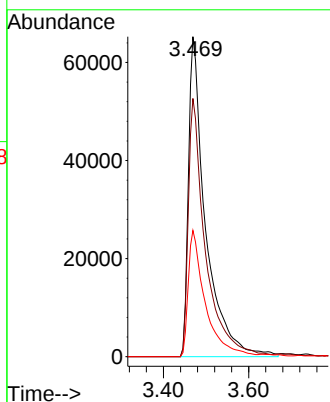
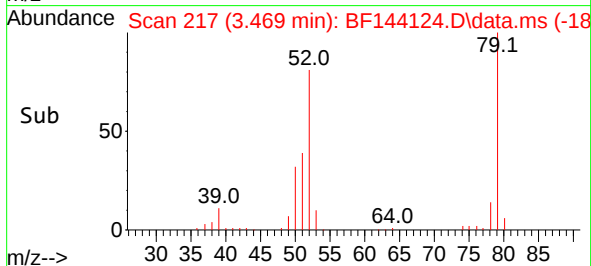


Tgt Ion: 79 Resp: 18170
Ion Ratio Lower Upper
79 100
52 80.7 67.5 101.3
51 39.4 33.6 50.4

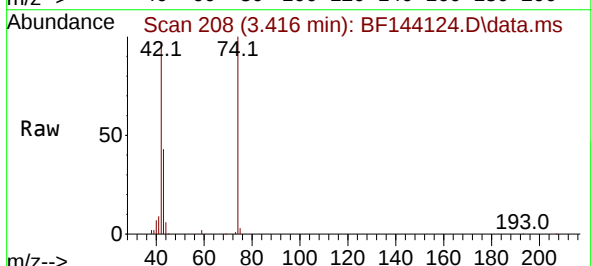
Manual Integrations
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10/30/2025

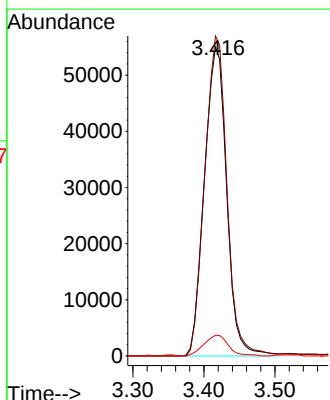
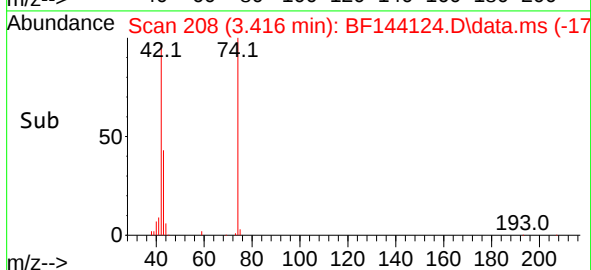
Supervised By :Jagrut
Upadhyay
10/30/2025

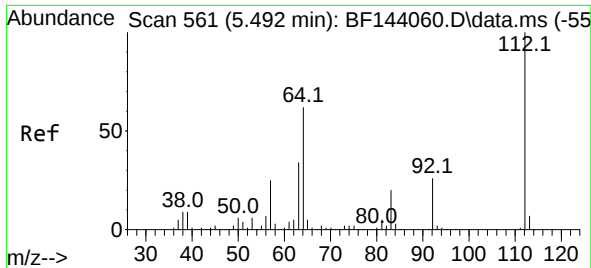


#4
n-Nitrosodimethylamine
Concen: 40.187 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.071 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion: 42 Resp: 120212
Ion Ratio Lower Upper
42 100
74 103.6 76.4 114.6
44 6.7 5.2 7.8





#5
2-Fluorophenol
Concen: 113.900 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

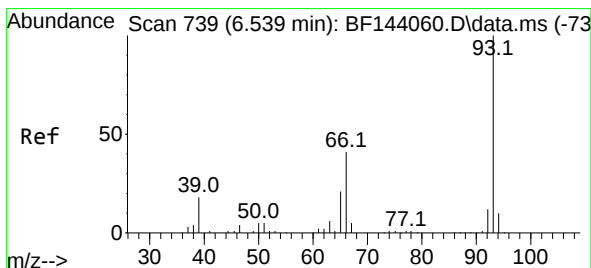
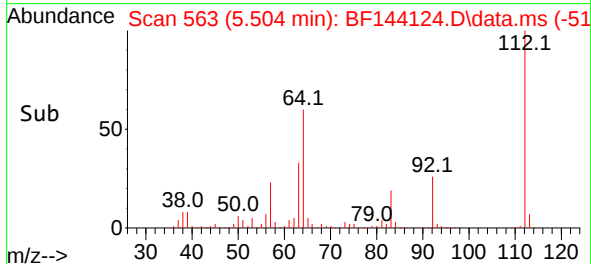
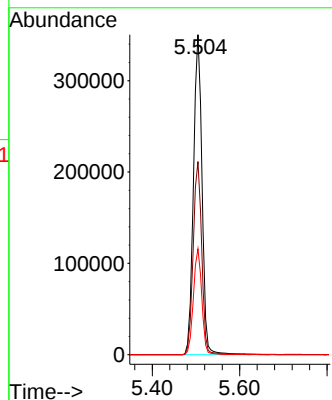
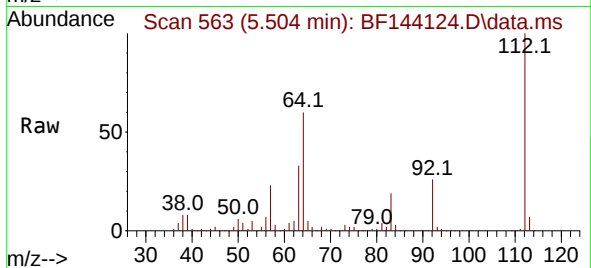
PB170259BS

Tgt Ion:112 Resp: 479300
Ion Ratio Lower Upper
112 100
64 60.3 49.8 74.8
63 33.1 27.4 41.2

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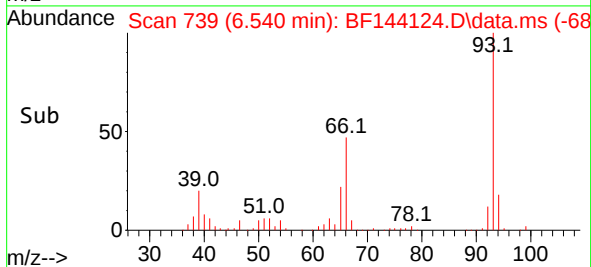
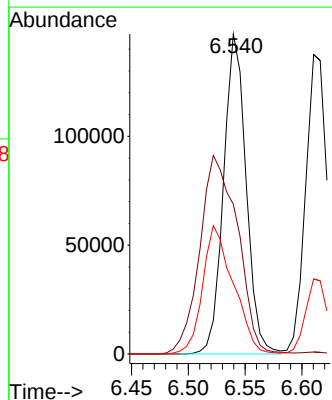
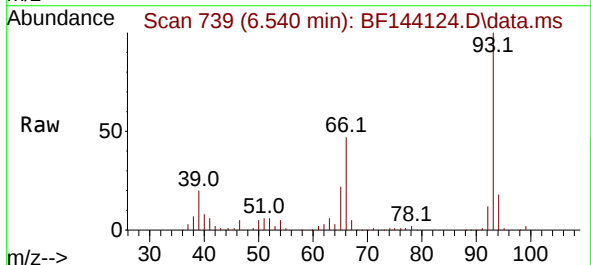
Reviewed By :Rahul
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10/30/2025

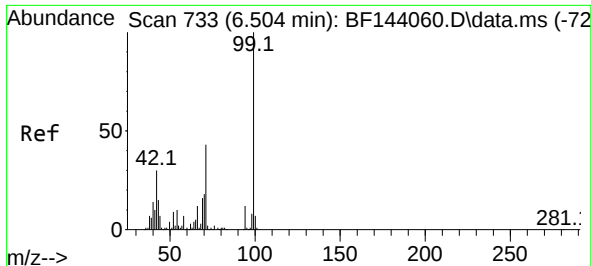
Supervised By :Jagrut
Upadhyay
10/30/2025



#6
Aniline
Concen: 30.538 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

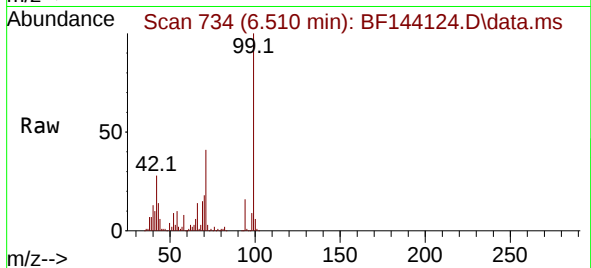
Tgt Ion: 93 Resp: 203039
Ion Ratio Lower Upper
93 100
66 46.8 35.7 53.5
65 22.0 17.0 25.6





#7
Phenol-d6
Concen: 114.755 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
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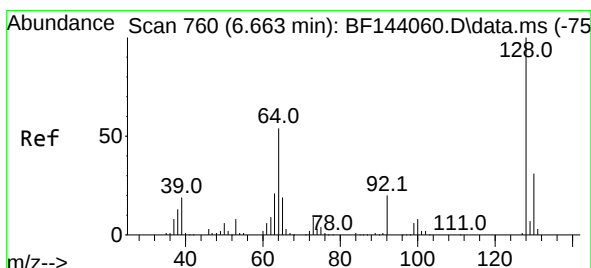
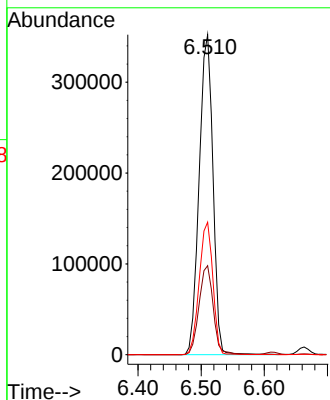
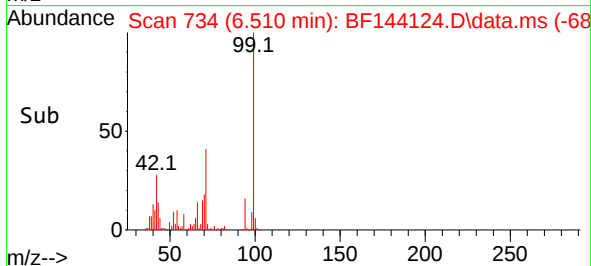


Tgt Ion: 99 Resp: 533300
Ion Ratio Lower Upper
99 100
42 27.8 23.9 35.9
71 41.4 34.4 51.6

Manual Integrations
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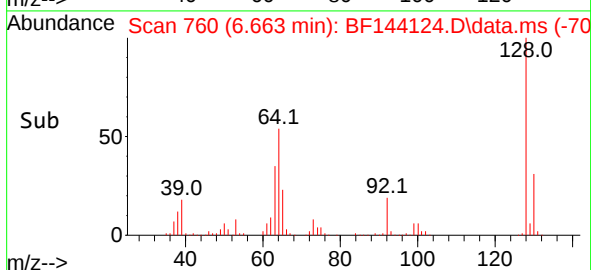
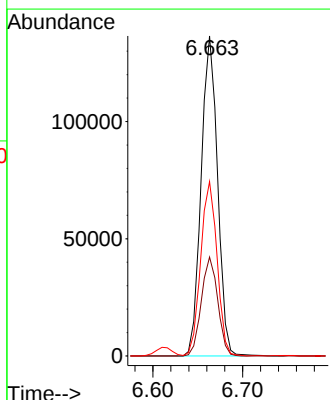
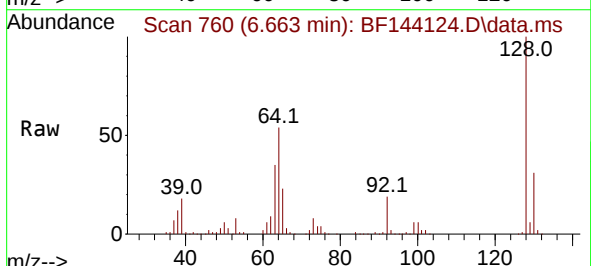
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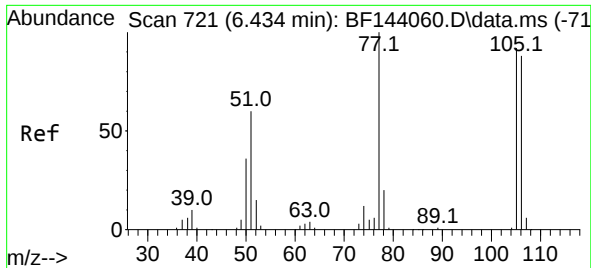
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Upadhyay
10/30/2025



#8
2-Chlorophenol
Concen: 41.814 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

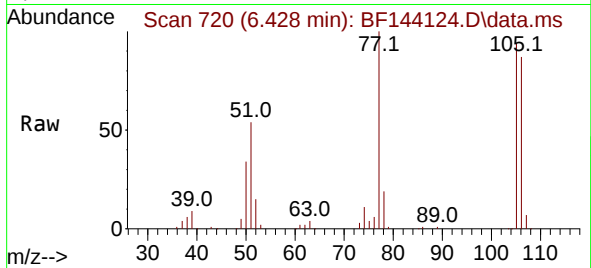
Tgt Ion:128 Resp: 173281
Ion Ratio Lower Upper
128 100
130 30.9 10.7 50.7
64 54.5 34.7 74.7





#9
Benzaldehyde
Concen: 27.164 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
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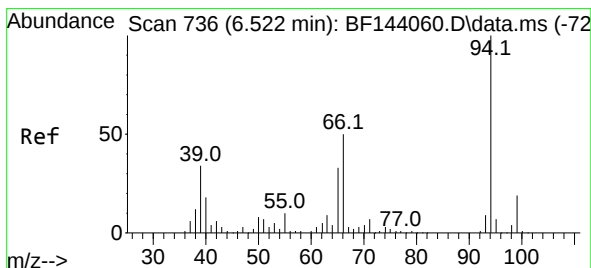
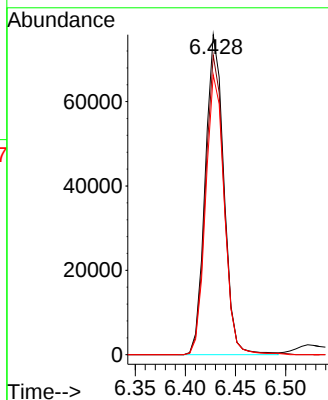
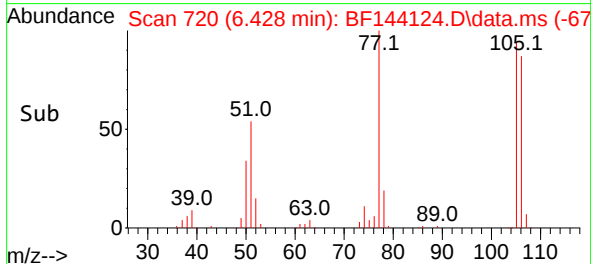


Tgt Ion: 77 Resp: 98015
Ion Ratio Lower Upper
77 100
105 93.5 72.2 112.2
106 87.4 67.9 107.9

Manual Integrations
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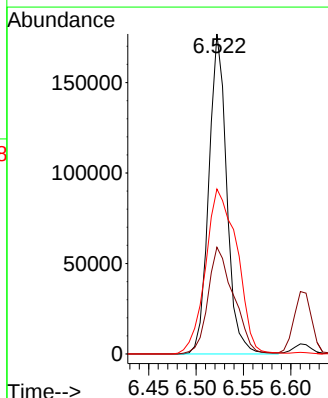
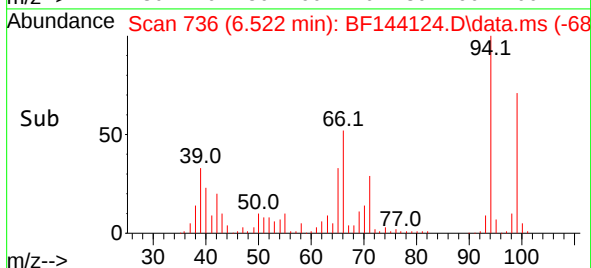
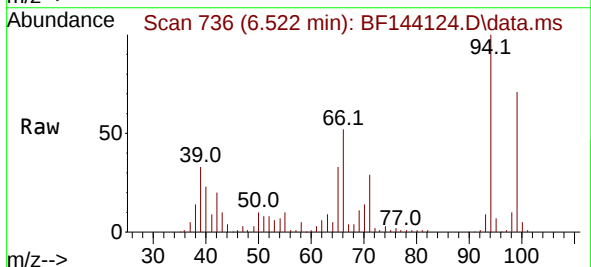
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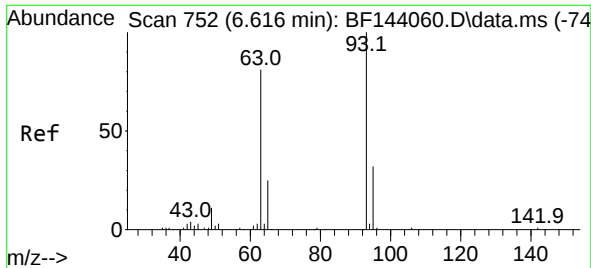
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Upadhyay
10/30/2025



#10
Phenol
Concen: 40.581 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion: 94 Resp: 232673
Ion Ratio Lower Upper
94 100
65 33.3 13.1 53.1
66 51.6 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 43.134 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

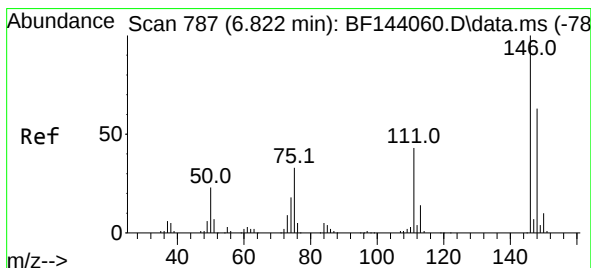
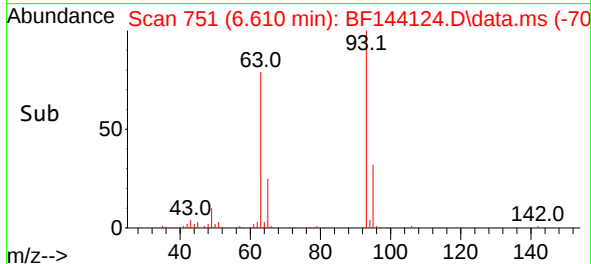
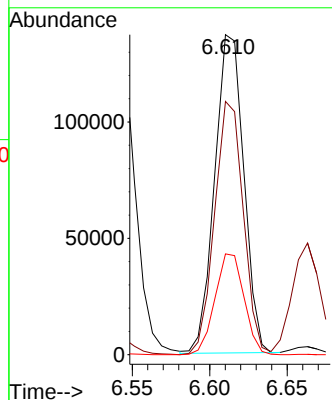
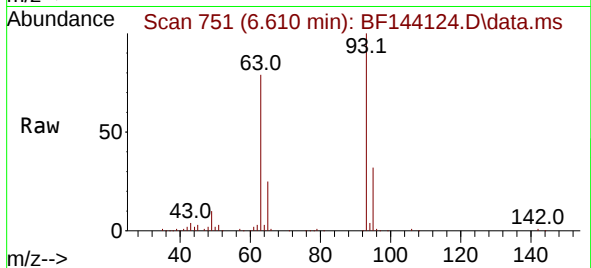
PB170259BS

Tgt Ion: 93 Resp: 17870
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 31.5 12.4 52.4

Manual Integrations
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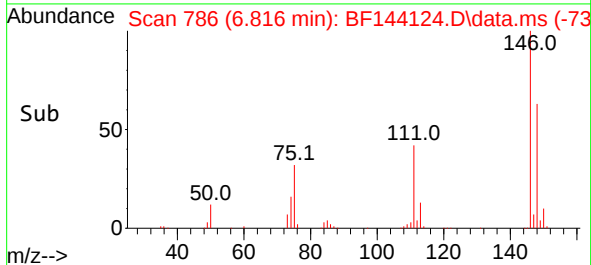
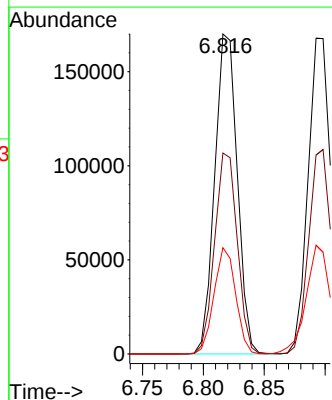
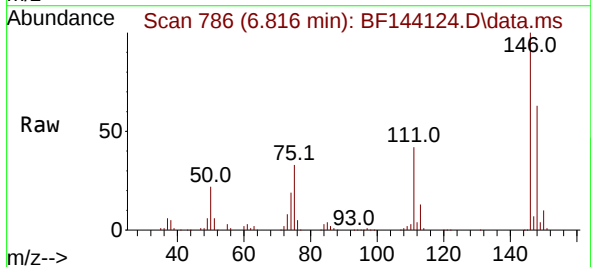
Reviewed By :Rahul
Chavli
10/30/2025

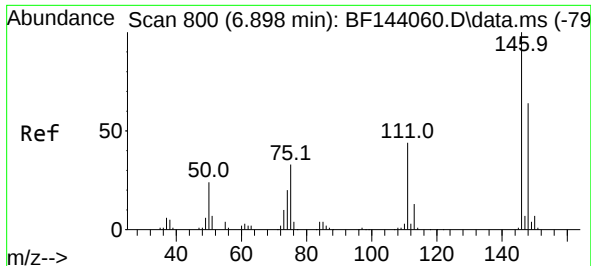
Supervised By :Jagrut
Upadhyay
10/30/2025



#12
1,3-Dichlorobenzene
Concen: 42.925 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:146 Resp: 219433
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 33.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 43.478 ng

RT: 6.893 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144124.D

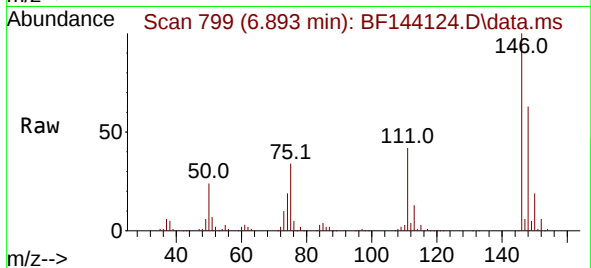
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:146 Resp: 219038

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

111 41.6 35.0 52.6

Manual Integrations

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Reviewed By :Rahul

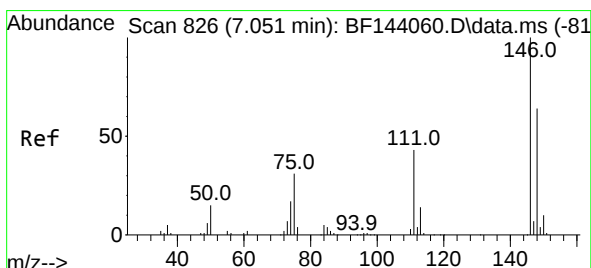
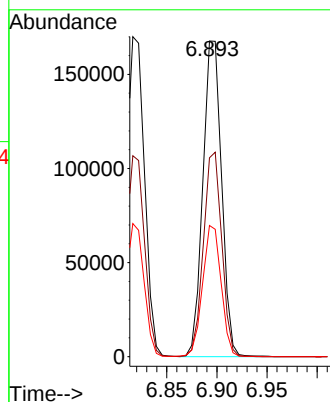
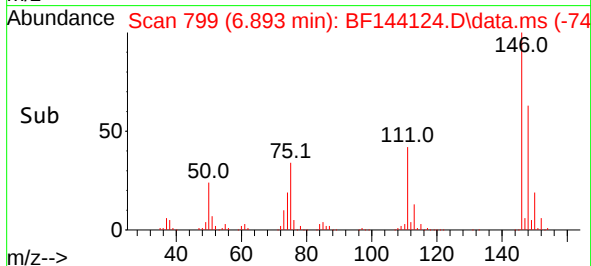
Chavli

10/30/2025

Supervised By :Jagrut

Upadhyay

10/30/2025



#14

1,2-Dichlorobenzene

Concen: 43.803 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

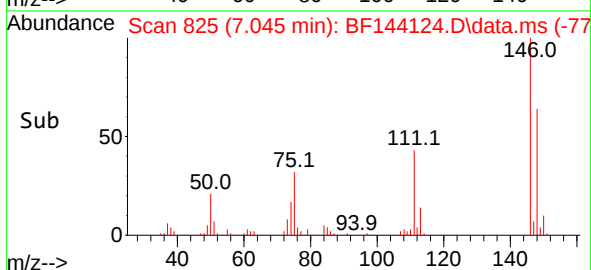
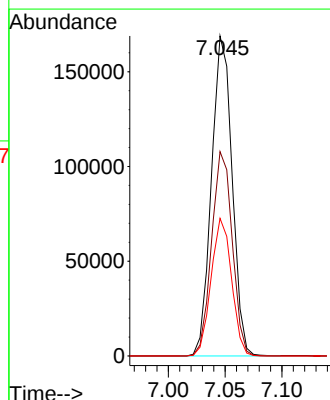
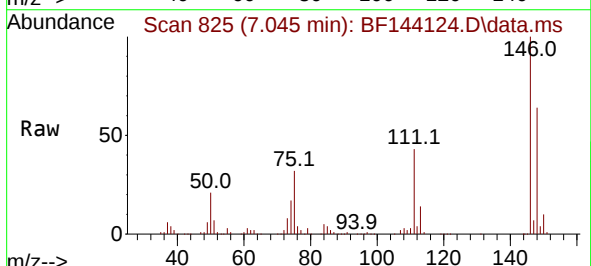
Tgt Ion:146 Resp: 213522

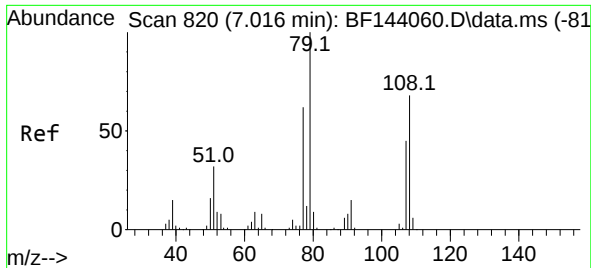
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

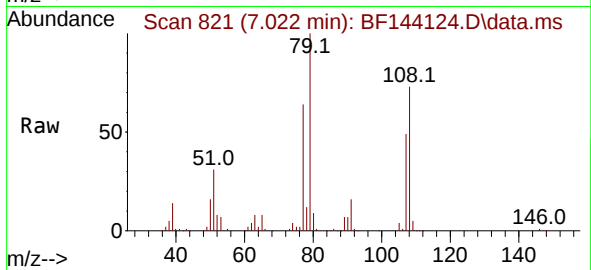
111 43.0 34.7 52.1





#15
Benzyl Alcohol
Concen: 44.267 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

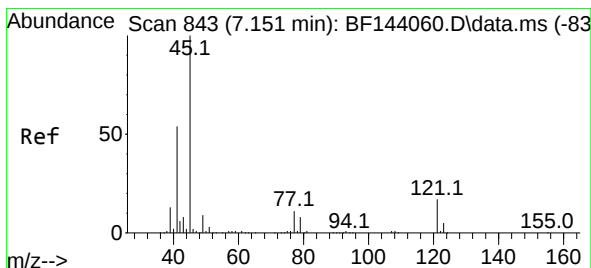
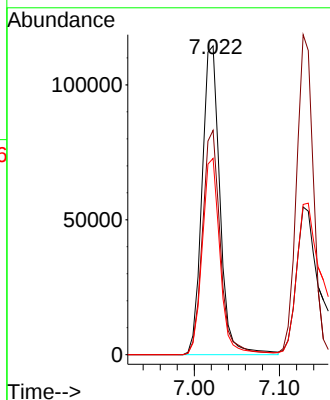
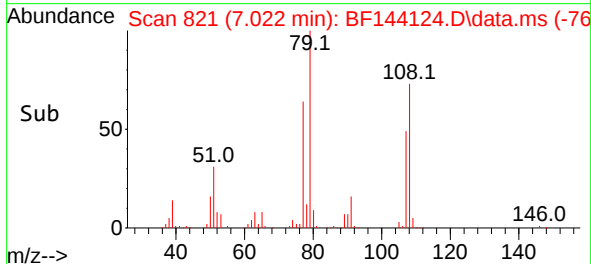


Tgt Ion: 79 Resp: 16727
Ion Ratio Lower Upper
79 100
108 72.6 54.8 82.2
77 63.6 49.4 74.0

Manual Integrations
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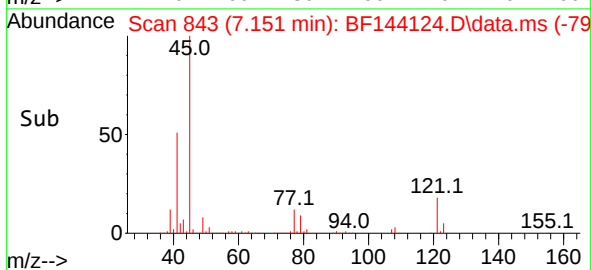
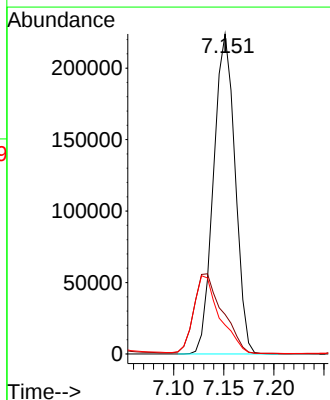
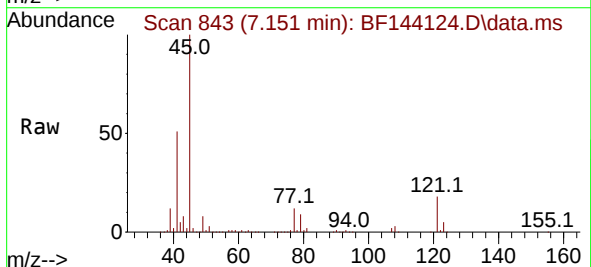
Reviewed By :Rahul
Chavli
10/30/2025

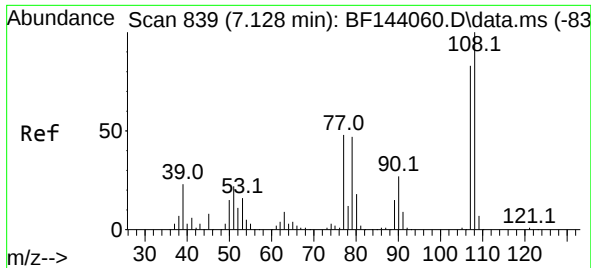
Supervised By :Jagrut
Upadhyay
10/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.949 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

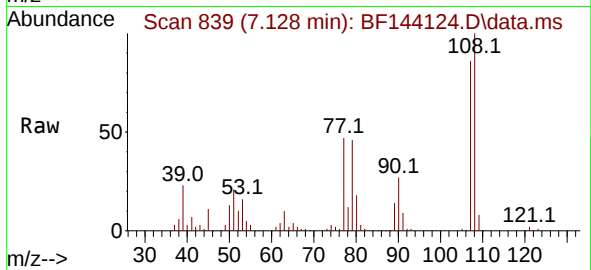
Tgt Ion: 45 Resp: 334423
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.9
79 9.0 0.0 28.2





#17
2-Methylphenol
Concen: 43.731 ng
RT: 7.128 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

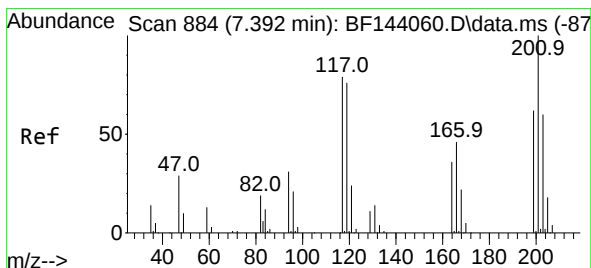
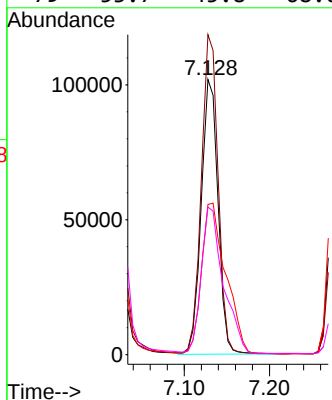


Tgt Ion:107 Resp: 13938
Ion Ratio Lower Upper
107 100
108 116.3 96.4 144.6
77 54.6 46.8 70.2
79 53.7 45.8 68.6

Manual Integrations
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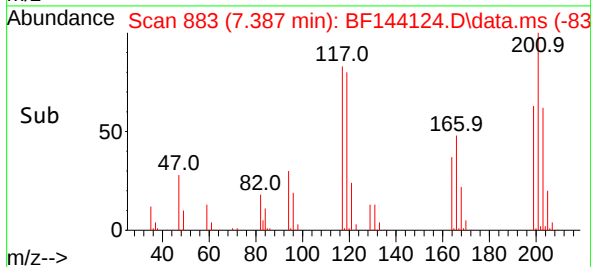
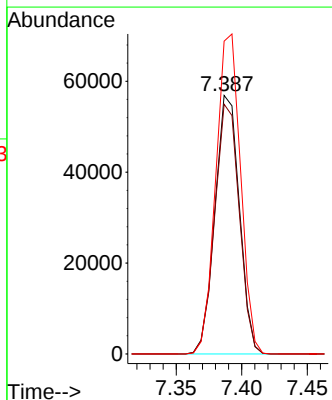
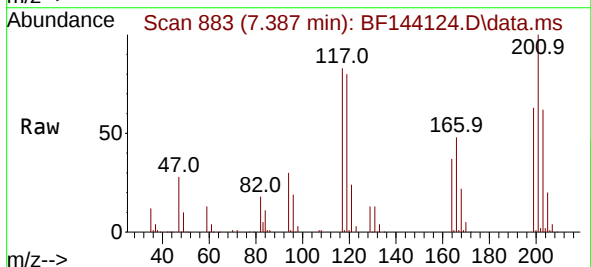
Reviewed By :Rahul
Chavli
10/30/2025

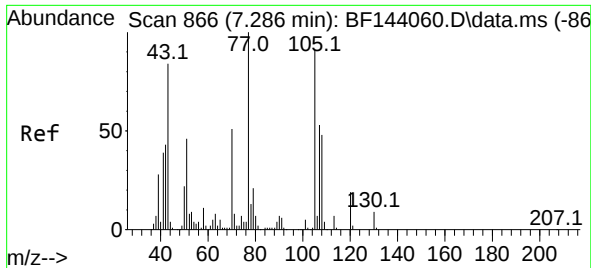
Supervised By :Jagrut
Upadhyay
10/30/2025



#18
Hexachloroethane
Concen: 41.025 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:117 Resp: 73893
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0
201 121.0 100.9 151.3





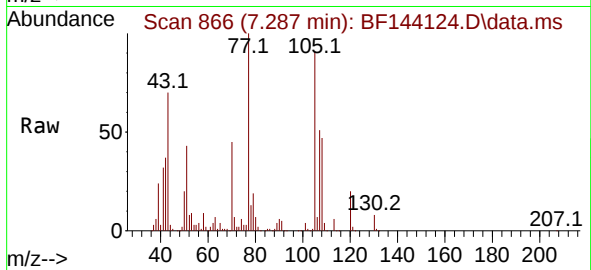
#19
n-Nitroso-di-n-propylamine
Concen: 44.062 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

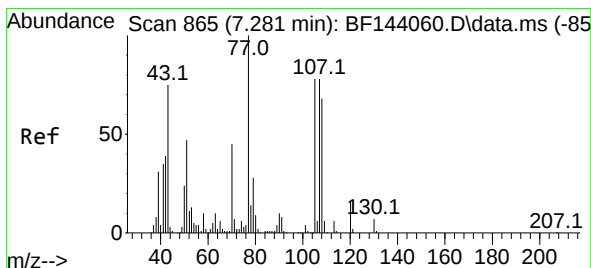
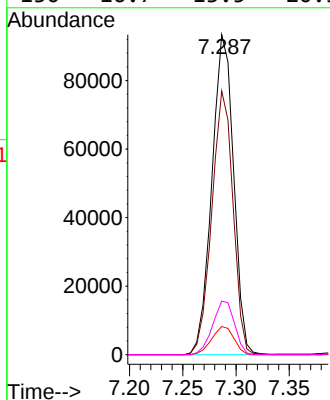


Tgt Ion: 70 Resp: 132419
Ion Ratio Lower Upper
70 100
42 82.4 67.4 101.0
101 8.8 7.1 10.7
130 16.7 13.5 20.3

Manual Integrations
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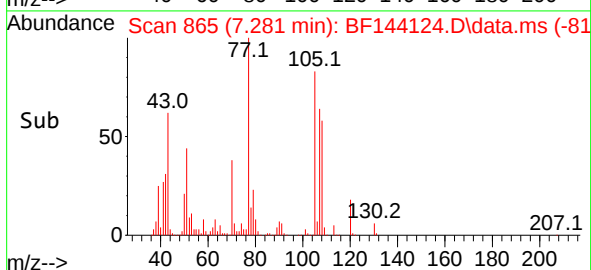
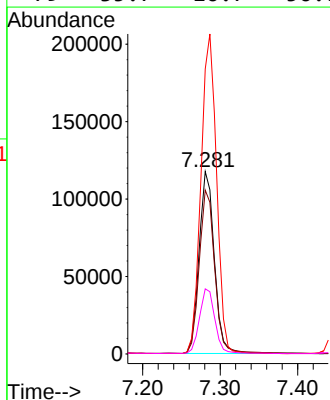
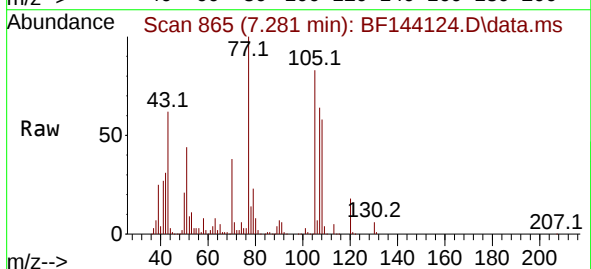
Reviewed By :Rahul
Chavli
10/30/2025

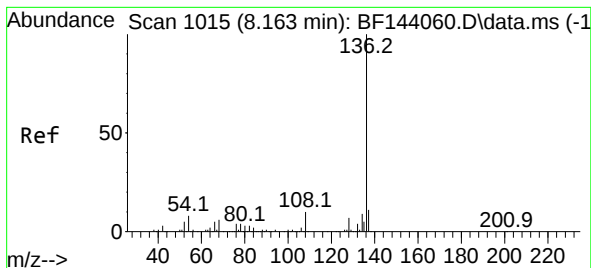
Supervised By :Jagrut
Upadhyay
10/30/2025



#20
3+4-Methylphenols
Concen: 42.640 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:107 Resp: 160662
Ion Ratio Lower Upper
107 100
108 89.9 68.0 108.0
77 156.2 108.7 148.7#
79 35.7 16.7 56.7





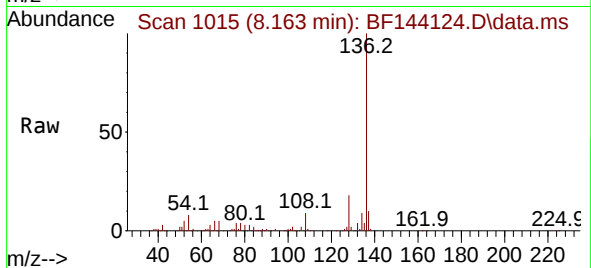
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

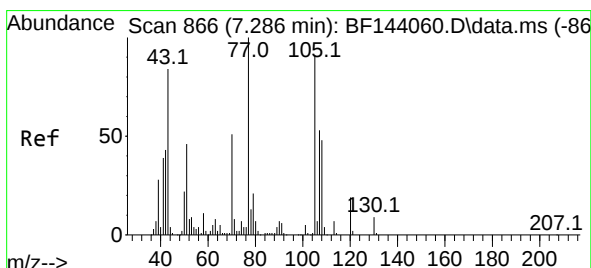
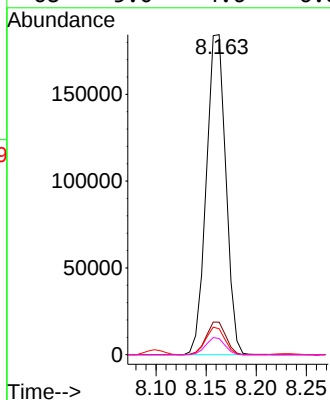


Tgt Ion:136 Resp: 250210
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.1 6.6 9.8
68 5.0 4.6 6.8

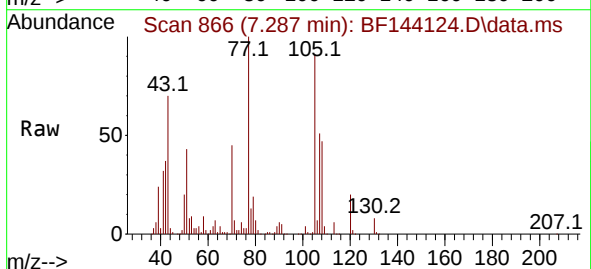
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10/30/2025

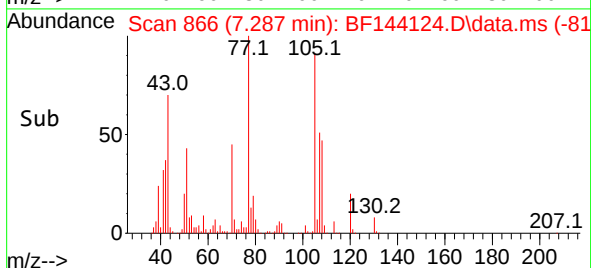
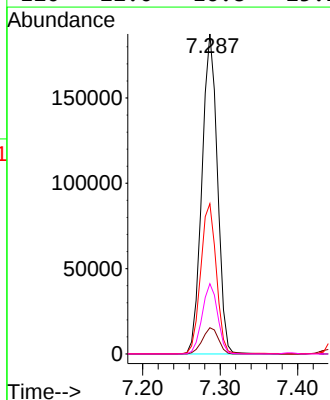
Supervised By :Jagrut
Upadhyay
10/30/2025

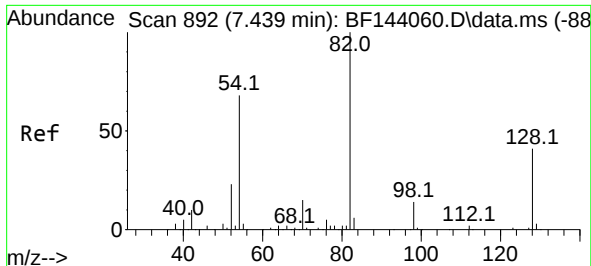


#22
Acetophenone
Concen: 48.054 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:105 Resp: 259849
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 47.0 40.6 60.8
120 22.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 78.329 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144124.D

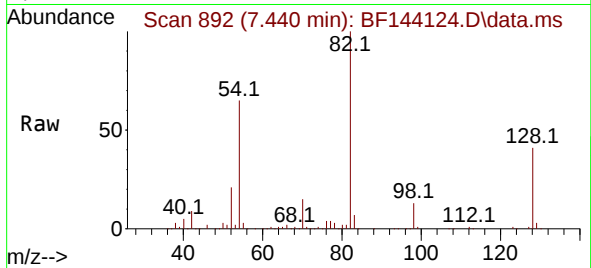
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



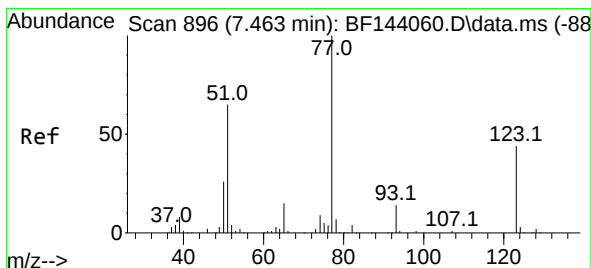
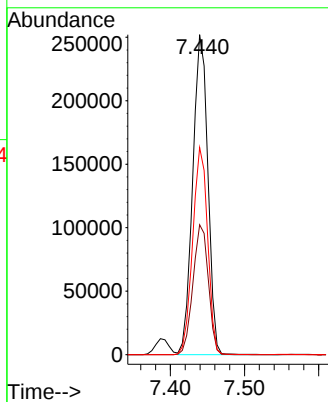
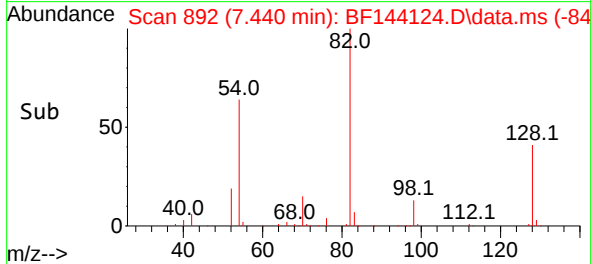
Tgt Ion: 82 Resp: 35773

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.4	48.6
54	64.8	54.0	81.0

Manual Integrations
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Reviewed By :Rahul
Chavli
10/30/2025

Supervised By :Jagrut
Upadhyay
10/30/2025



#24

Nitrobenzene

Concen: 42.627 ng

RT: 7.463 min Scan# 896

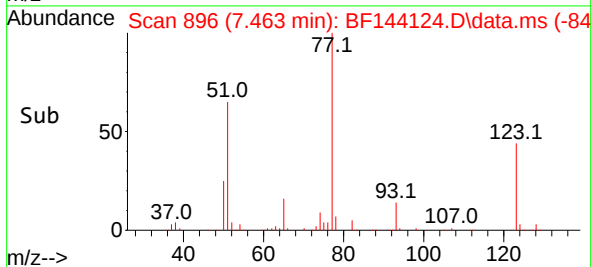
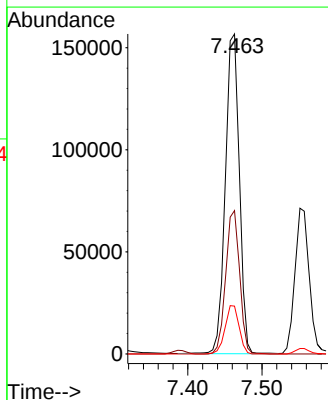
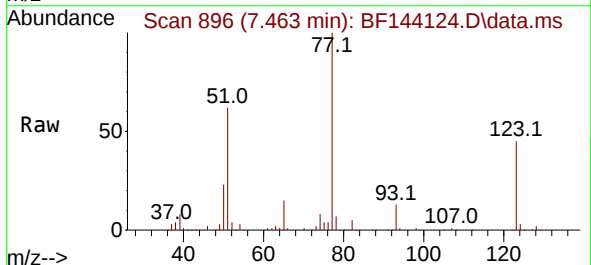
Delta R.T. 0.000 min

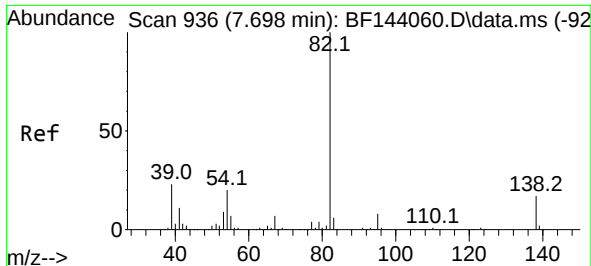
Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

Tgt Ion: 77 Resp: 205942

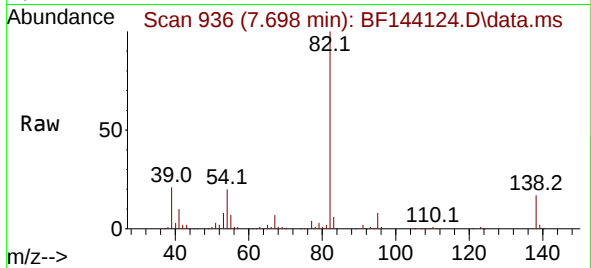
Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.6
65	15.0	12.2	18.2





#25
Isophorone
Concen: 45.216 ng
RT: 7.698 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

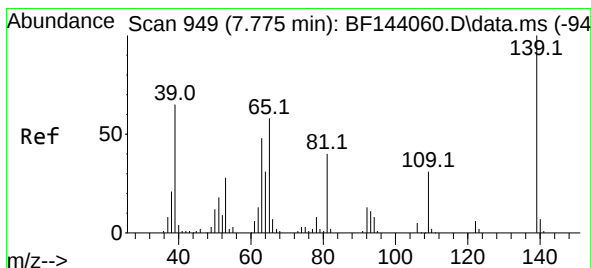
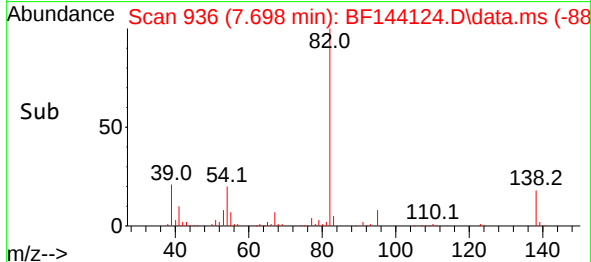
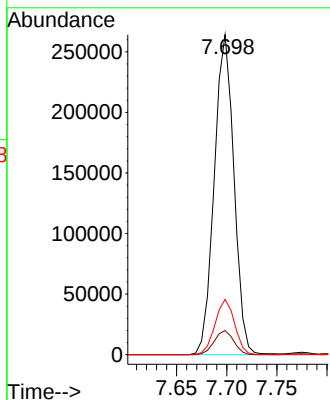


Tgt Ion: 82 Resp: 361033
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 17.2 13.8 20.8

Manual Integrations
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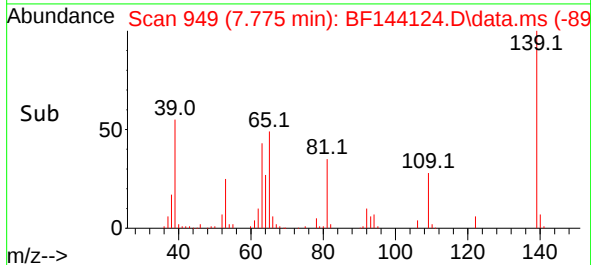
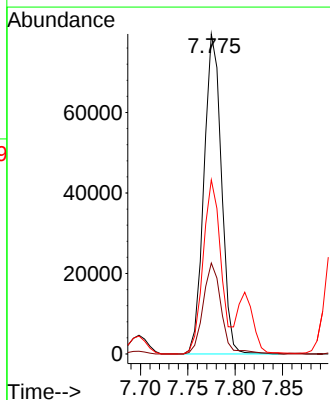
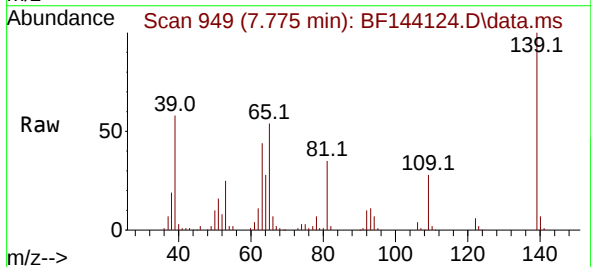
Reviewed By :Rahul
Chavli
10/30/2025

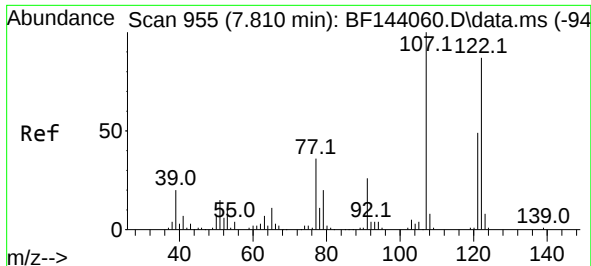
Supervised By :Jagrut
Upadhyay
10/30/2025



#26
2-Nitrophenol
Concen: 44.427 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:139 Resp: 102108
Ion Ratio Lower Upper
139 100
109 28.4 24.6 37.0
65 54.4 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 47.881 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

Tgt Ion:122 Resp: 163534

Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.8	137.8
121	58.8	45.2	67.8

Manual Integrations
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Reviewed By :Rahul

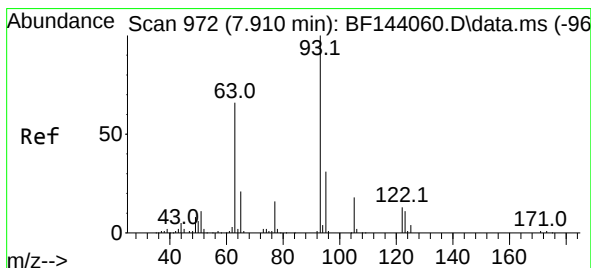
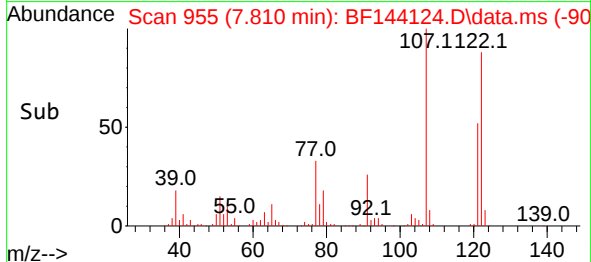
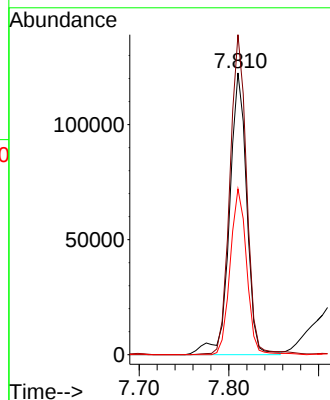
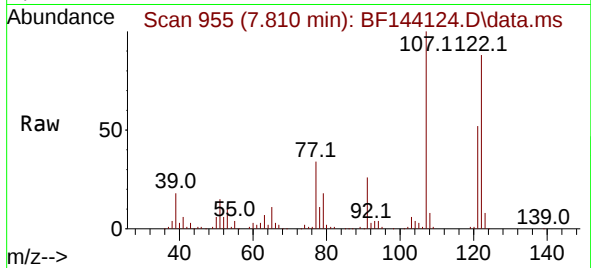
Chavli

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Supervised By :Jagrut

Upadhyay

10/30/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.426 ng

RT: 7.904 min Scan# 971

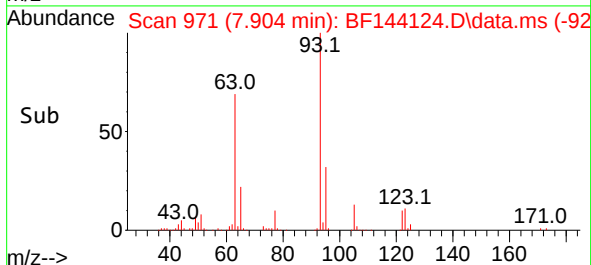
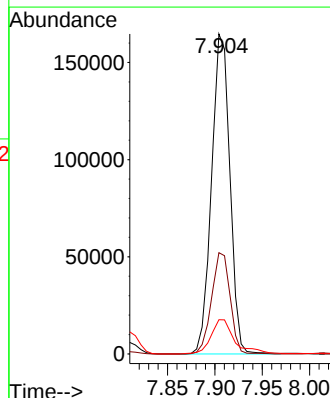
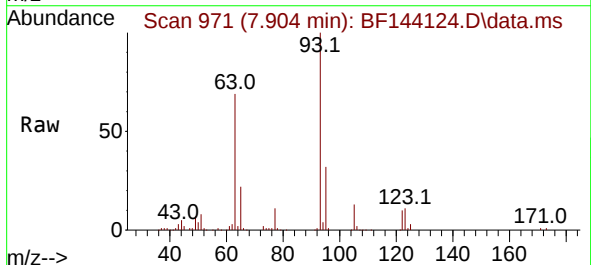
Delta R.T. -0.006 min

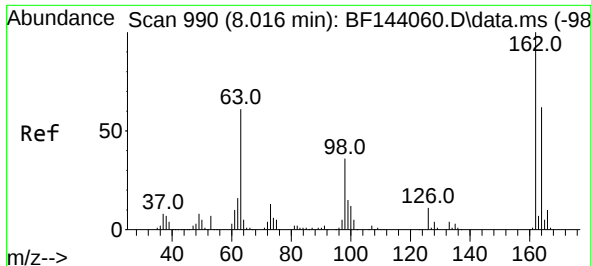
Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

Tgt Ion: 93 Resp: 221216

Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.6	36.8
123	10.7	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 42.262 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144124.D

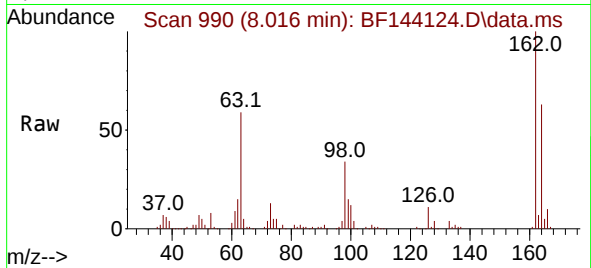
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:162 Resp: 167860

Ion Ratio Lower Upper

162 100

164 63.3 42.1 82.1

98 33.8 16.0 56.0

Manual Integrations

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Reviewed By :Rahul

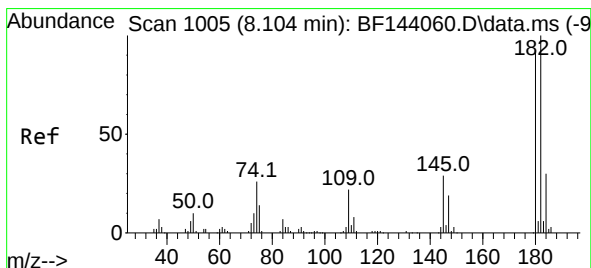
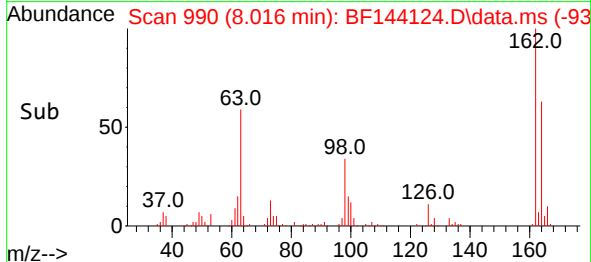
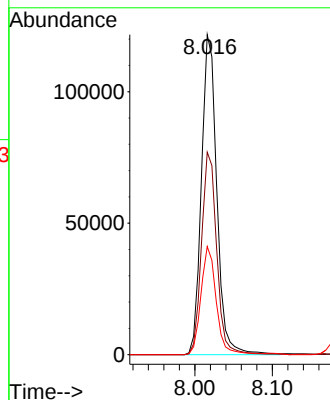
Chavli

10/30/2025

Supervised By :Jagrut

Upadhyay

10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.857 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

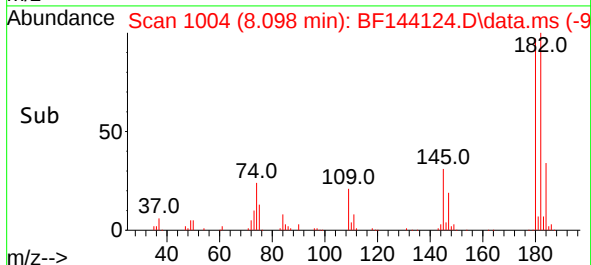
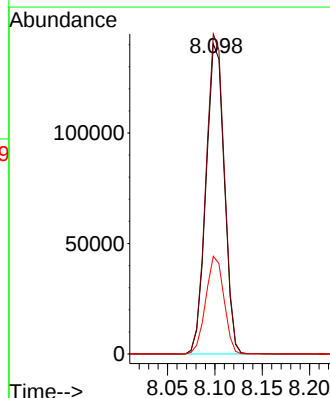
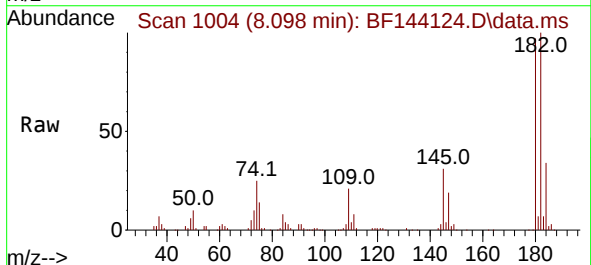
Tgt Ion:180 Resp: 187378

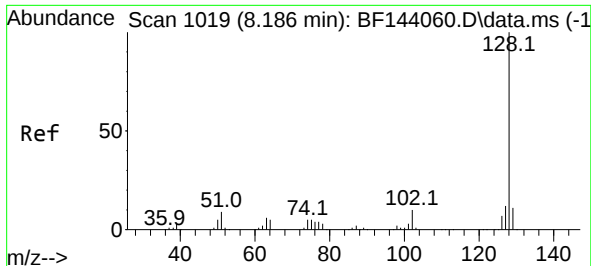
Ion Ratio Lower Upper

180 100

182 103.2 87.1 130.7

145 31.5 25.3 37.9





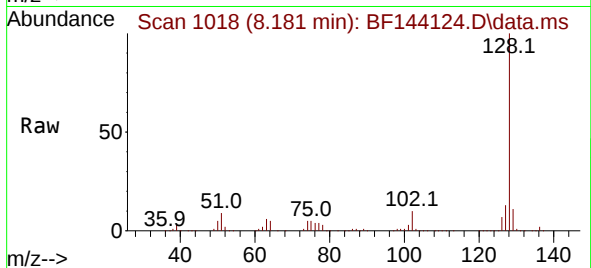
#31
Naphthalene
Concen: 43.074 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

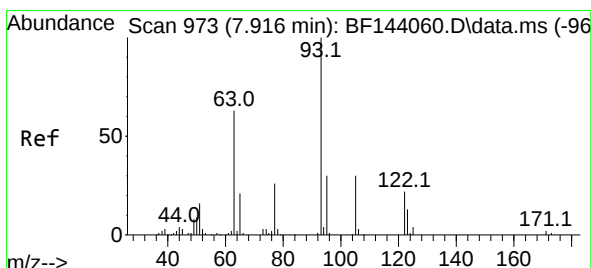
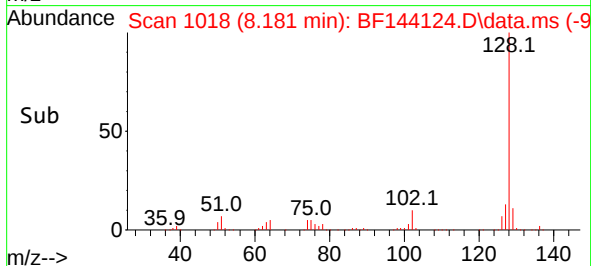
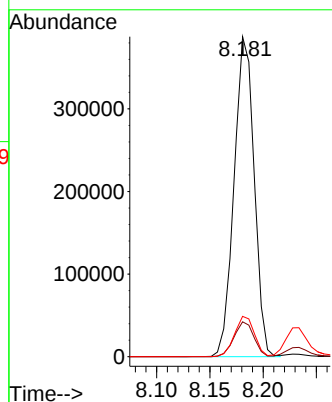


Tgt Ion:128 Resp: 508690
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.6 9.9 14.9

Manual Integrations
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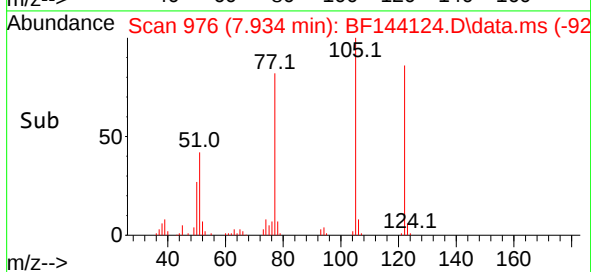
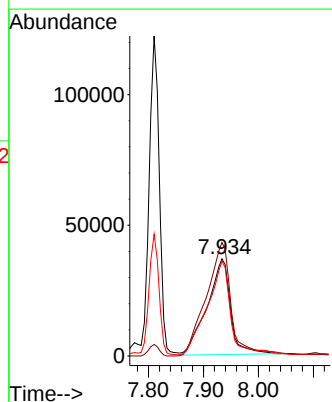
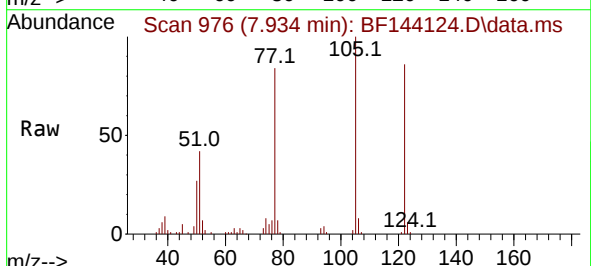
Reviewed By :Rahul
Chavli
10/30/2025

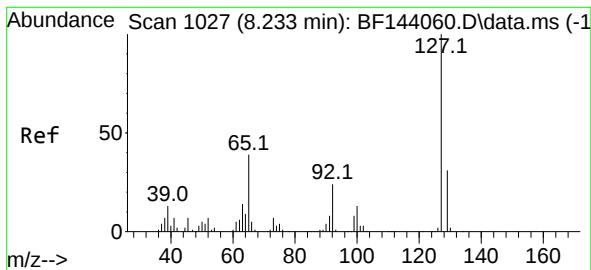
Supervised By :Jagrut
Upadhyay
10/30/2025



#32
Benzoic acid
Concen: 50.385 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.018 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:122 Resp: 109157
Ion Ratio Lower Upper
122 100
105 116.9 111.3 151.3
77 97.7 96.7 136.7





#33
4-Chloroaniline
Concen: 13.729 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

Tgt Ion:127 Resp: 5644
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 35.6 30.9 46.3
92 21.7 18.9 28.3

Manual Integrations
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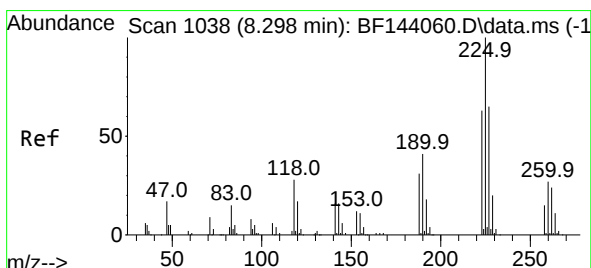
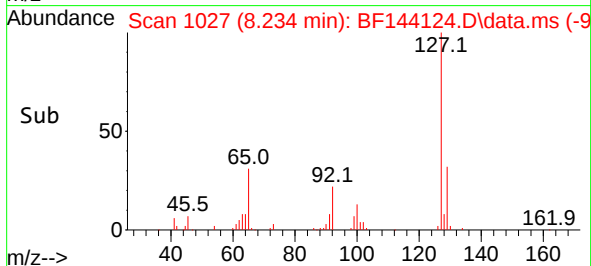
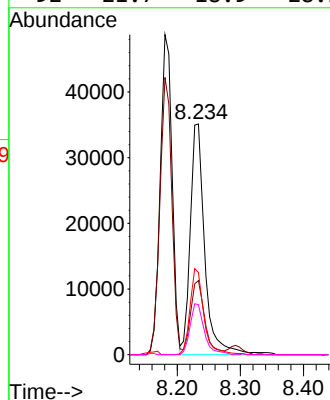
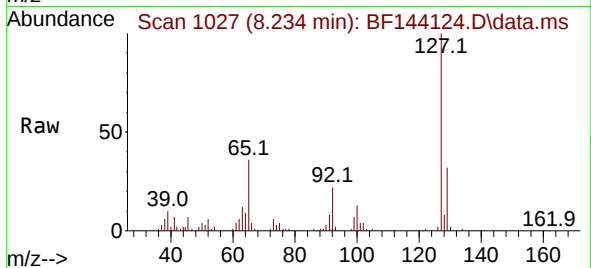
Chavli

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Supervised By :Jagrut

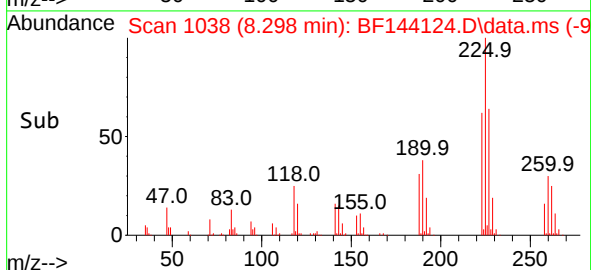
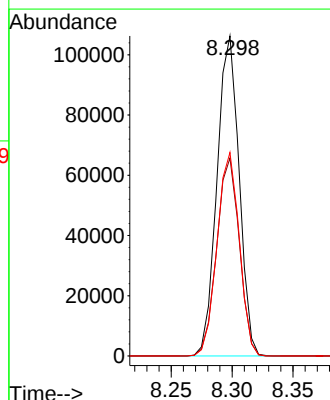
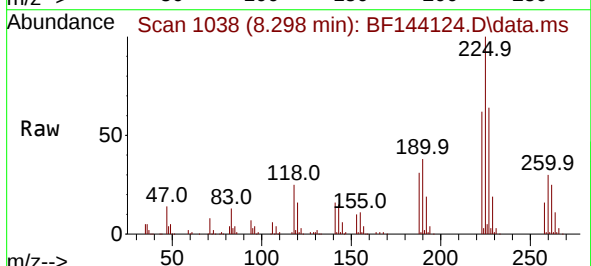
Upadhyay

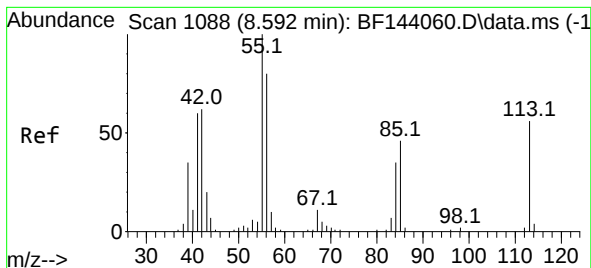
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#34
Hexachlorobutadiene
Concen: 40.232 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

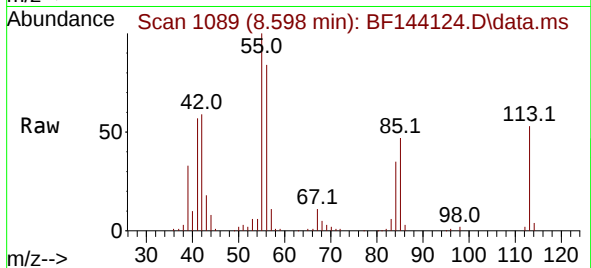
Tgt Ion:225 Resp: 134424
Ion Ratio Lower Upper
225 100
223 61.8 50.6 76.0
227 63.6 51.8 77.8





#35
Caprolactam
Concen: 48.534 ng m
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

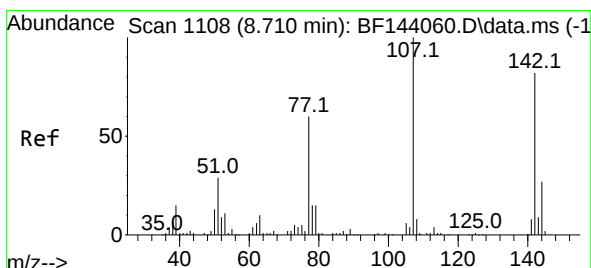
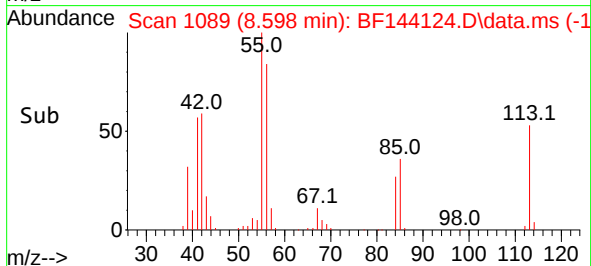
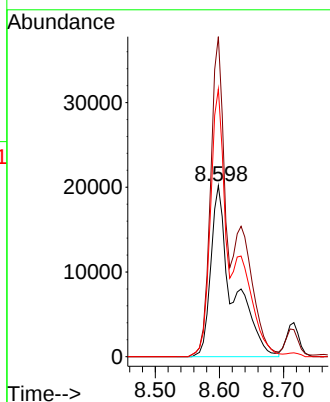


Tgt Ion:113 Resp: 4834
Ion Ratio Lower Upper
113 100
55 187.0 160.1 200.1
56 156.5 124.9 164.9

Manual Integrations
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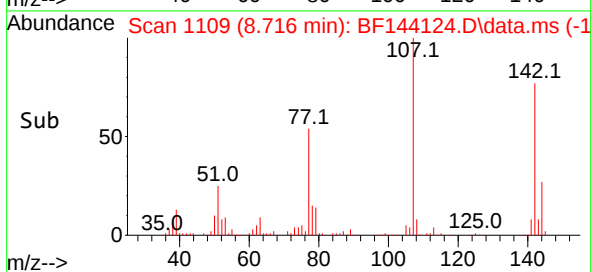
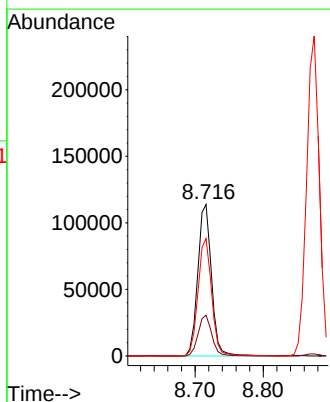
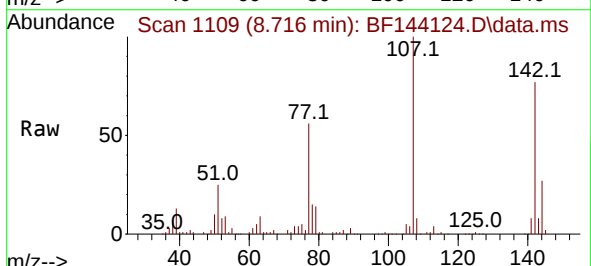
Reviewed By :Rahul
Chavli
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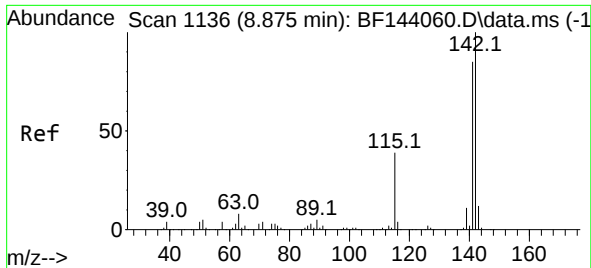
Supervised By :Jagrut
Upadhyay
10/30/2025



#36
4-Chloro-3-methylphenol
Concen: 45.395 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:107 Resp: 159115
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 77.5 65.4 98.0





#37
2-Methylnaphthalene
Concen: 40.017 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

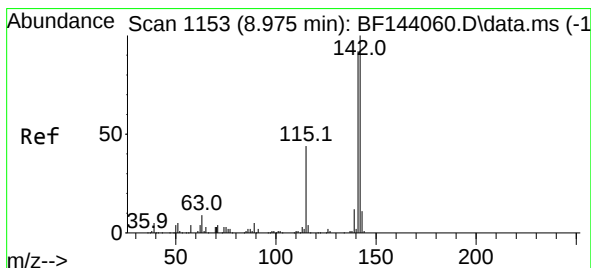
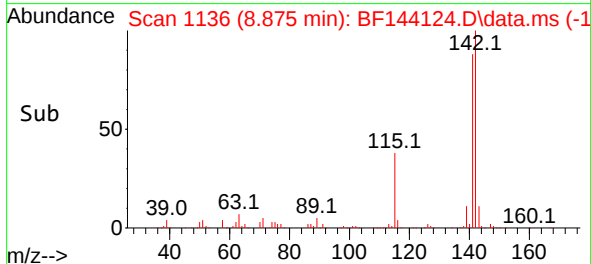
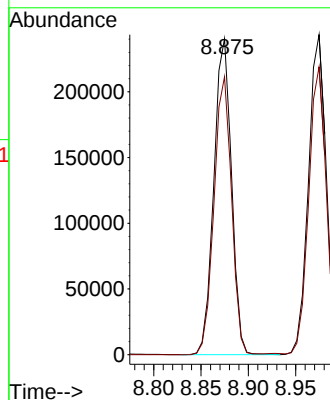
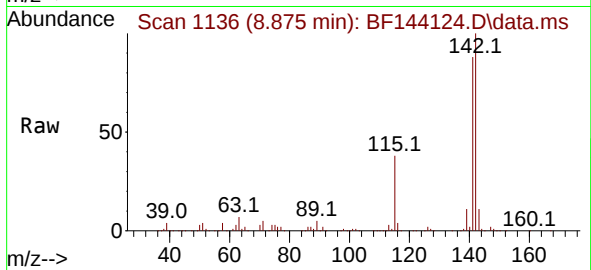
PB170259BS

Tgt Ion:142 Resp: 311580
Ion Ratio Lower Upper
142 100
141 87.9 67.6 101.4

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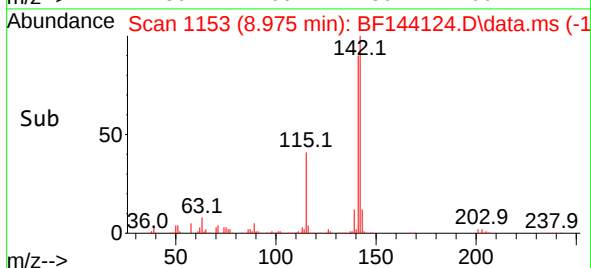
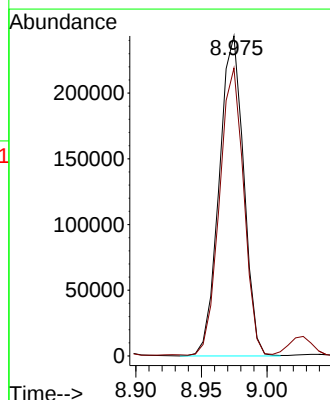
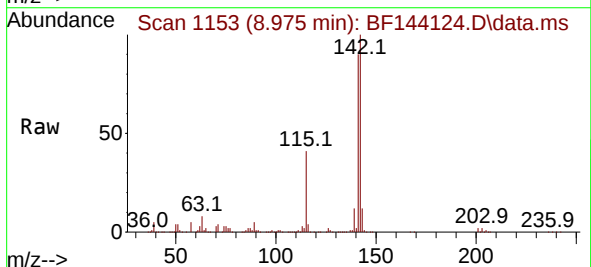
Reviewed By :Rahul
Chavli
10/30/2025

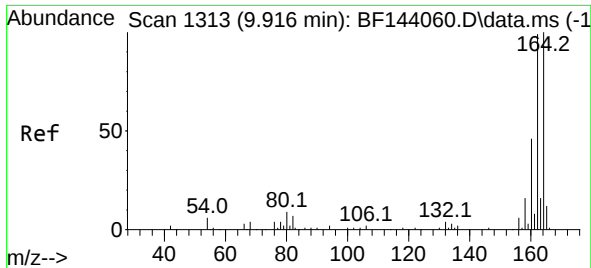
Supervised By :Jagrut
Upadhyay
10/30/2025



#38
1-Methylnaphthalene
Concen: 42.904 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:142 Resp: 316489
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.2





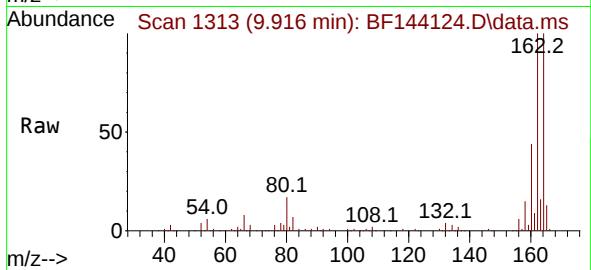
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNF_F

ClientSampleId :

PB170259BS

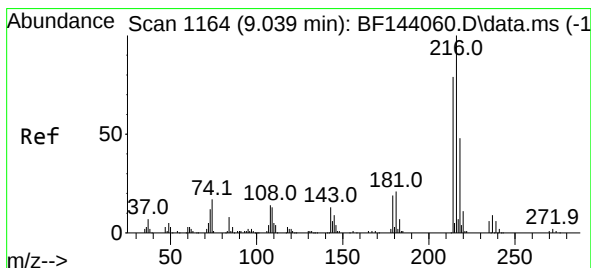
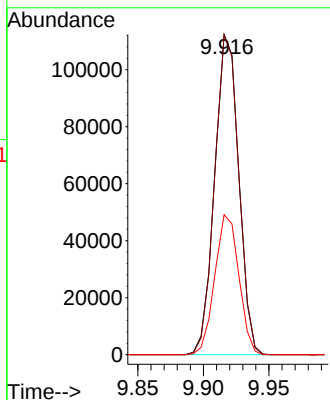
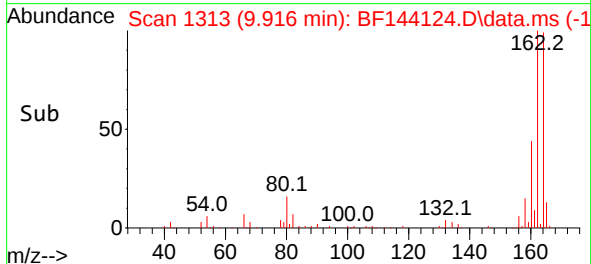


Tgt Ion:164 Resp: 143084
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 43.7 36.7 55.1

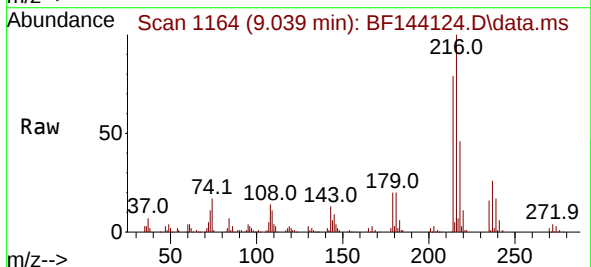
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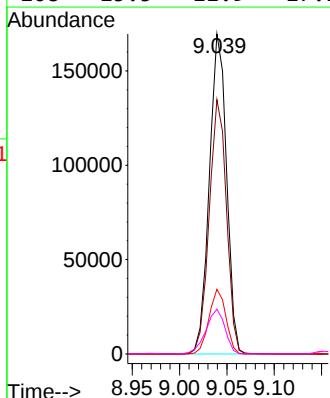
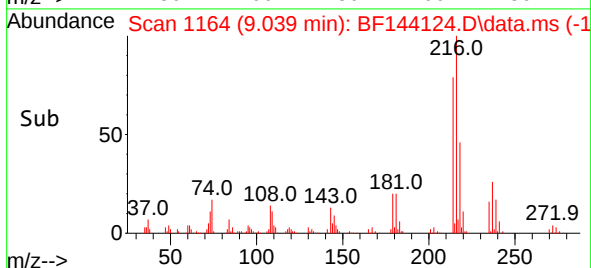
Supervised By :Jagrut
Upadhyay
10/30/2025

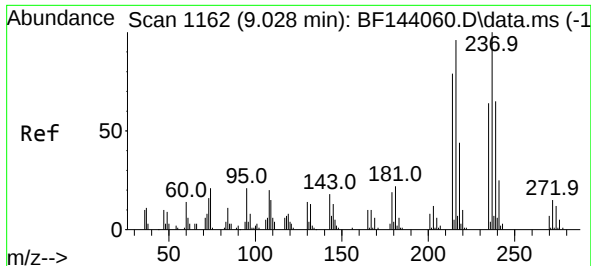


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.488 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



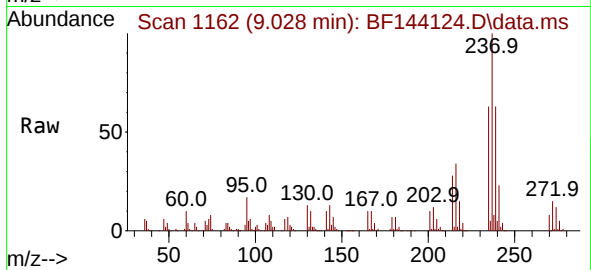
Tgt Ion:216 Resp: 213852
Ion Ratio Lower Upper
216 100
214 79.7 63.2 94.8
179 19.8 15.2 22.8
108 15.5 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 123.273 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

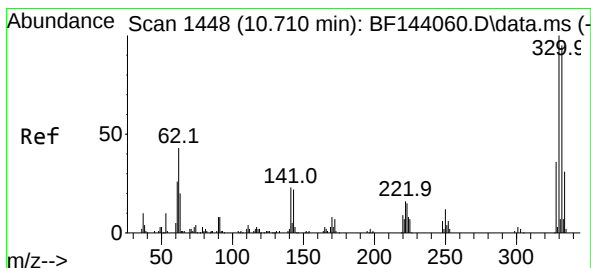
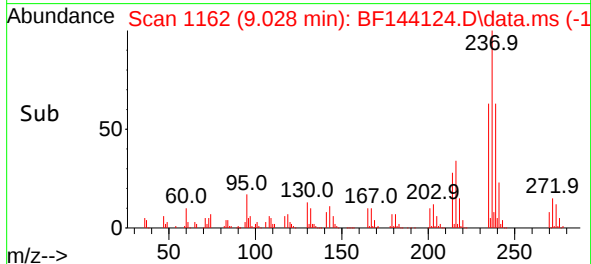
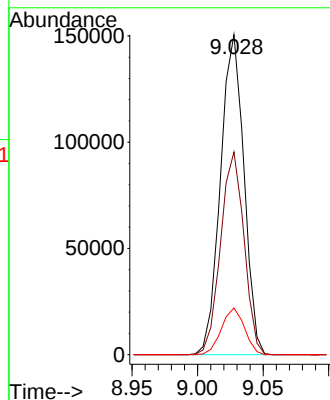


Tgt Ion:237 Resp: 18723
Ion Ratio Lower Upper
237 100
235 63.3 44.3 84.3
272 14.6 0.0 35.2

Manual Integrations
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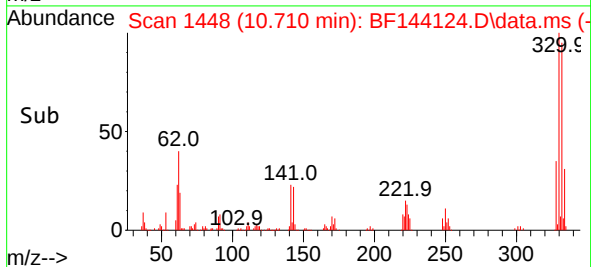
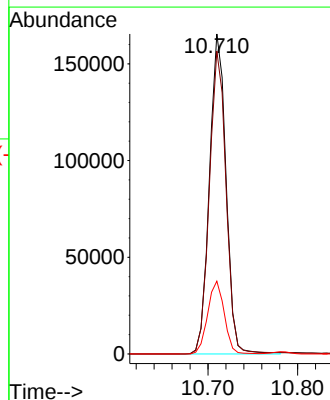
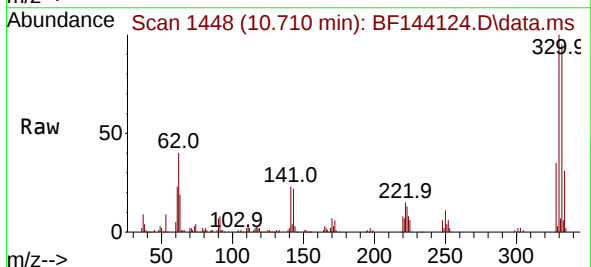
Reviewed By :Rahul
Chavli
10/30/2025

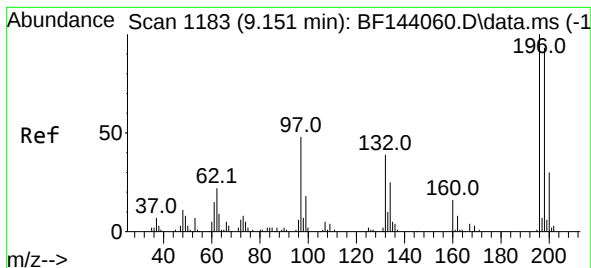
Supervised By :Jagrut
Upadhyay
10/30/2025



#42
2,4,6-Tribromophenol
Concen: 116.502 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:330 Resp: 212339
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 22.8 19.4 29.0





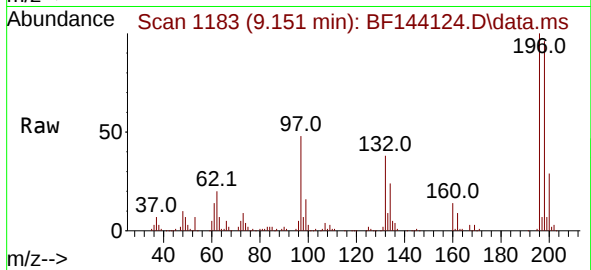
#43
2,4,6-Trichlorophenol
Concen: 41.697 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

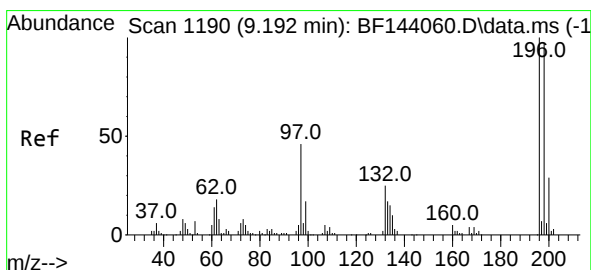
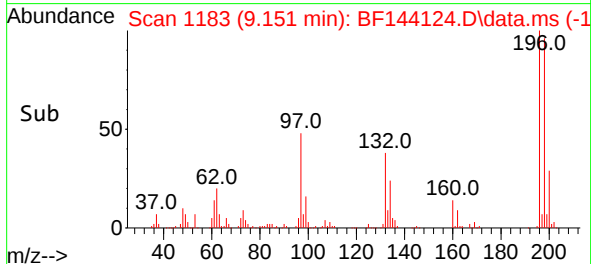
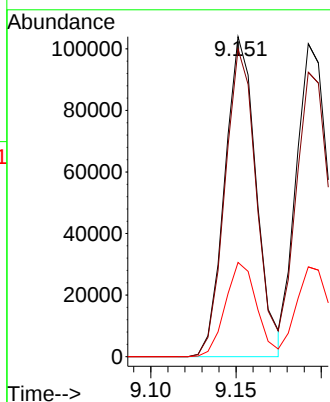


Tgt Ion:196 Resp: 13327
Ion Ratio Lower Upper
196 100
198 96.2 74.4 111.6
200 29.5 23.8 35.8

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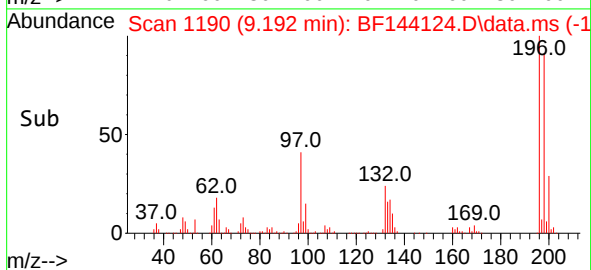
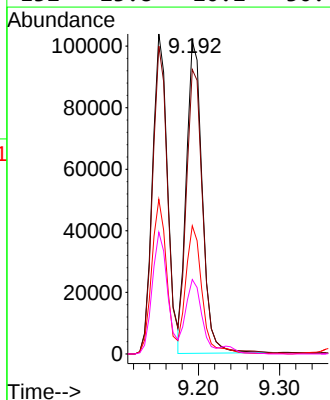
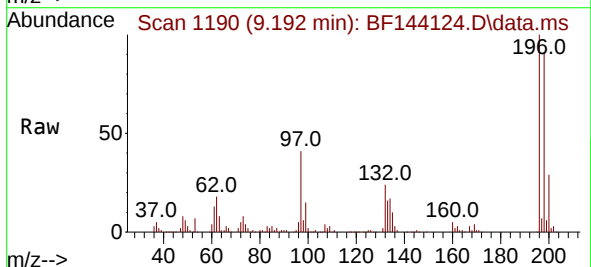
Reviewed By :Rahul
Chavli
10/30/2025

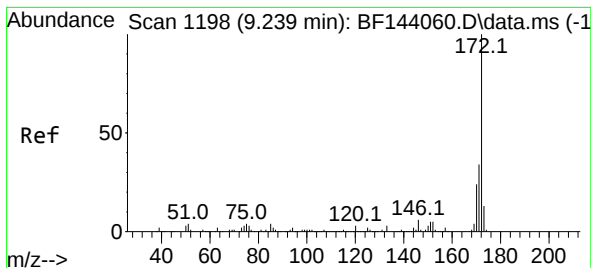
Supervised By :Jagrit
Upadhyay
10/30/2025



#44
2,4,5-Trichlorophenol
Concen: 41.160 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:196 Resp: 138074
Ion Ratio Lower Upper
196 100
198 90.9 78.0 117.0
97 41.0 37.7 56.5
132 23.8 20.2 30.4





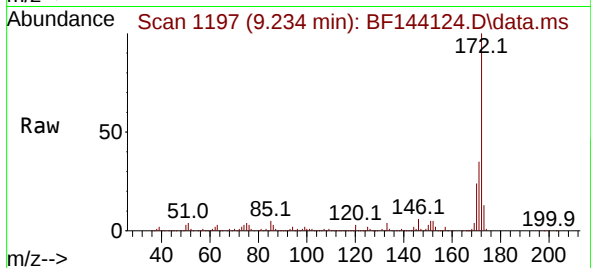
#45
2-Fluorobiphenyl
Concen: 73.917 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:172 Resp: 751579
Ion Ratio Lower Upper
172 100
171 35.5 27.5 41.3
170 24.0 19.0 28.6

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Reviewed By :Rahul

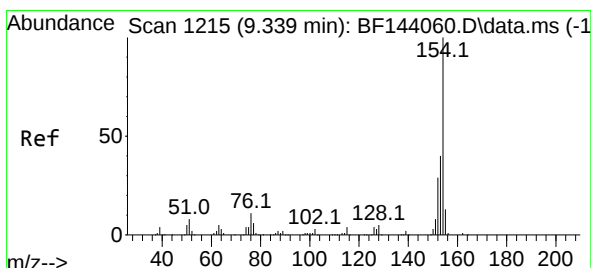
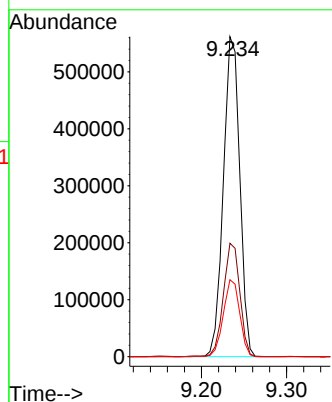
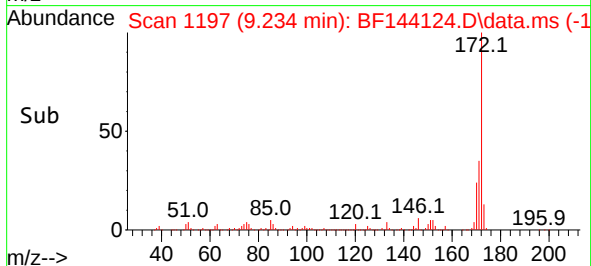
Chavli

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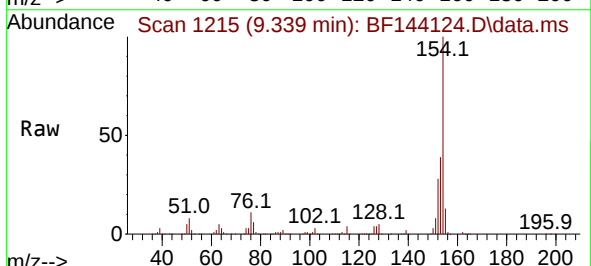
Supervised By :Jagrut

Upadhyay

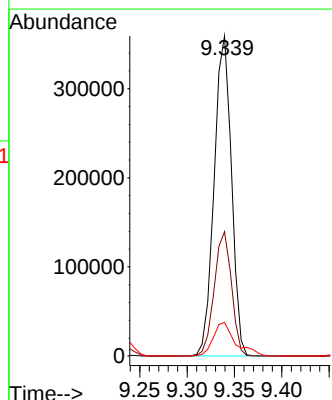
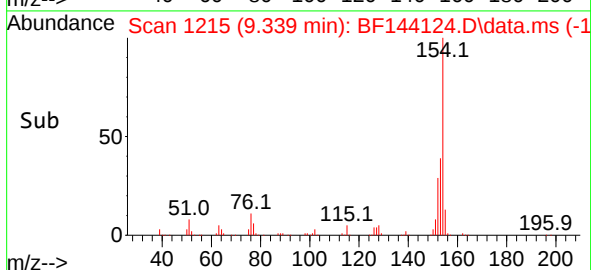
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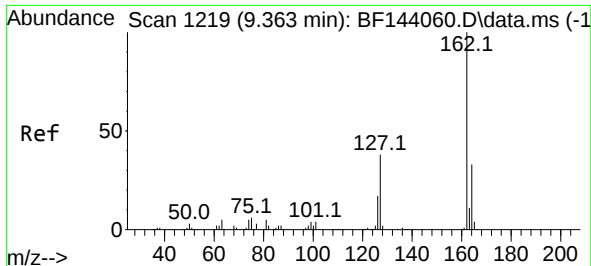


#46
1,1'-Biphenyl
Concen: 44.477 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:154 Resp: 455556
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 10.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.366 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

Tgt Ion:162 Resp: 35496

Ion Ratio Lower Upper

162 100

127 35.6 31.6 47.4

164 32.1 26.5 39.7

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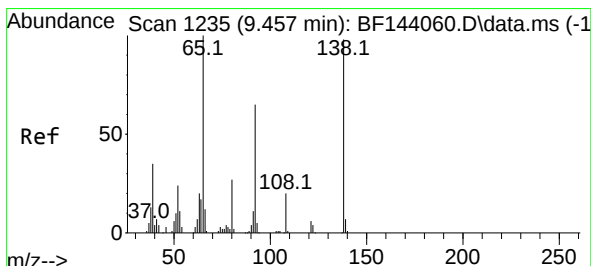
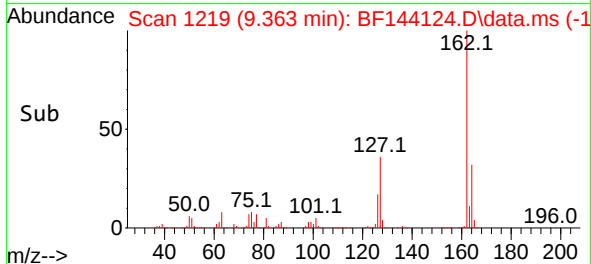
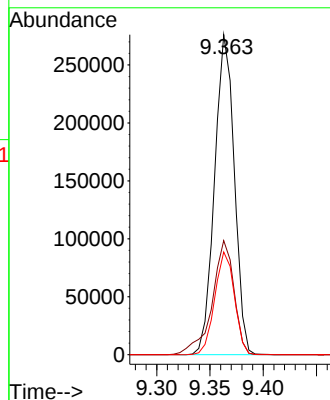
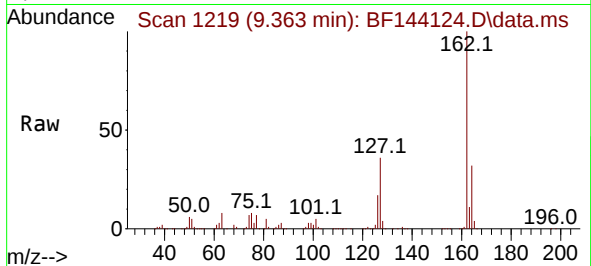
Chavli

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#48

2-Nitroaniline

Concen: 42.238 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

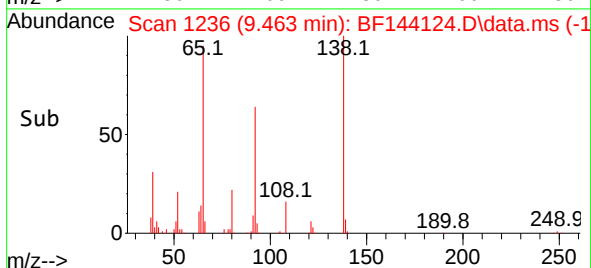
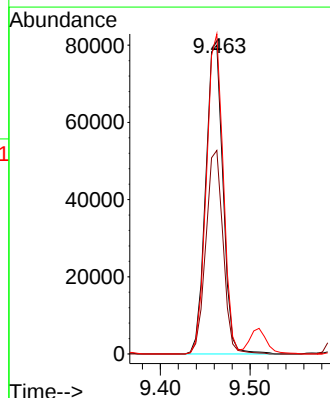
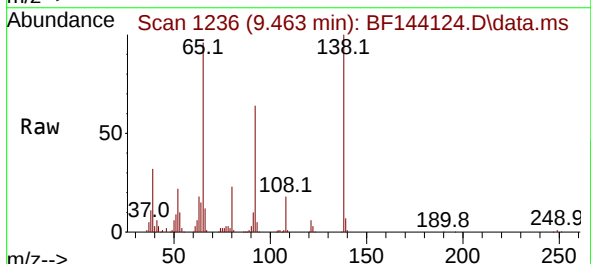
Tgt Ion: 65 Resp: 107627

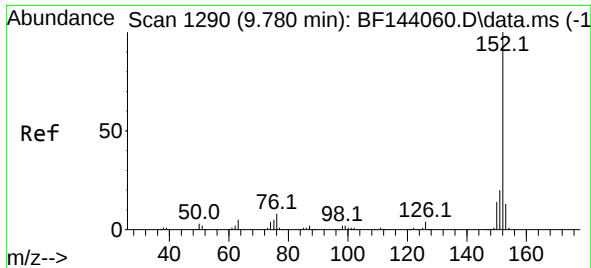
Ion Ratio Lower Upper

65 100

92 65.9 52.3 78.5

138 103.6 78.3 117.5





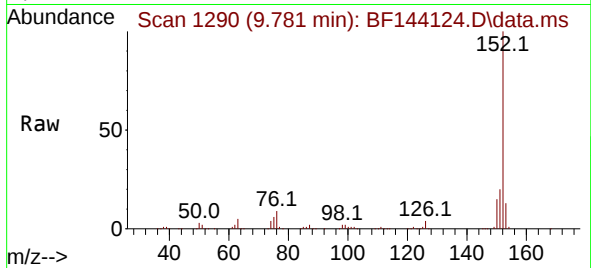
#49
Acenaphthylene
Concen: 46.384 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

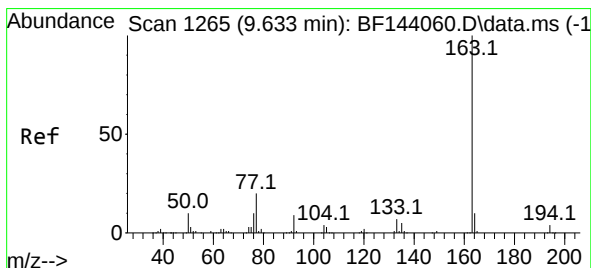
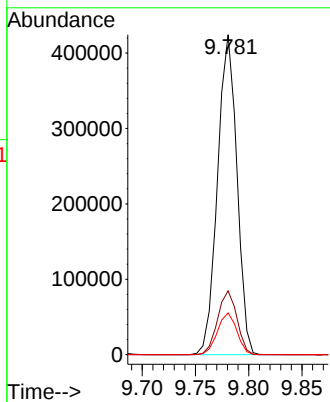
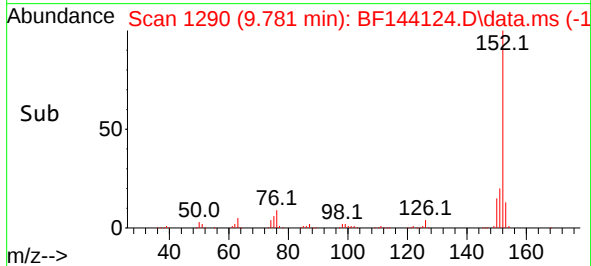


Tgt Ion:152 Resp: 536680
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.4 15.6

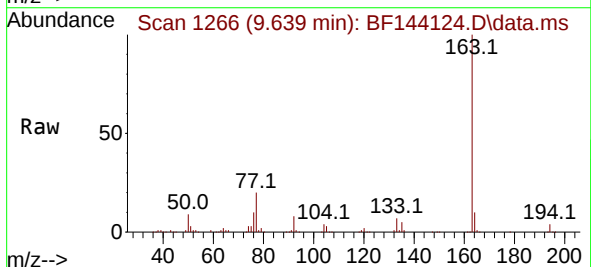
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Reviewed By :Rahul
Chavli
10/30/2025

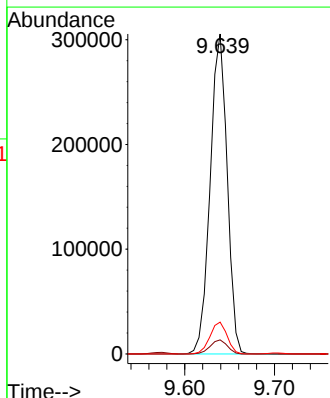
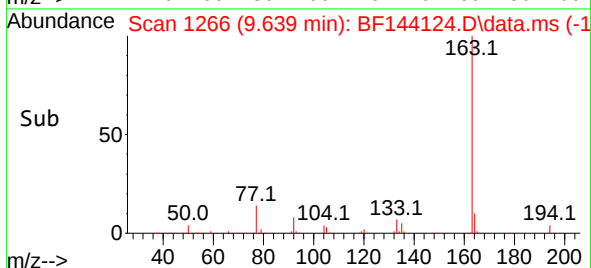
Supervised By :Jagrut
Upadhyay
10/30/2025

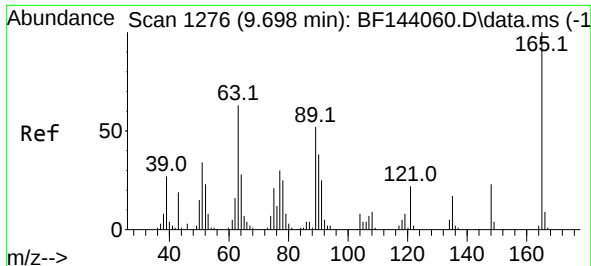


#50
Dimethylphthalate
Concen: 42.730 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:163 Resp: 400761
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.488 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

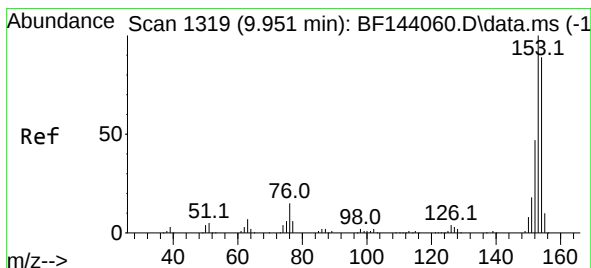
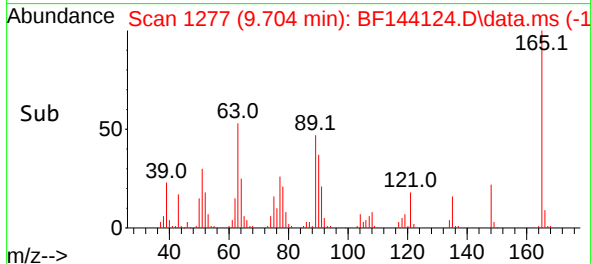
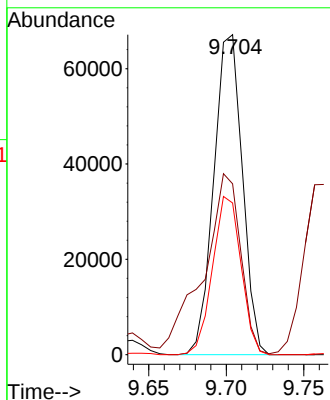
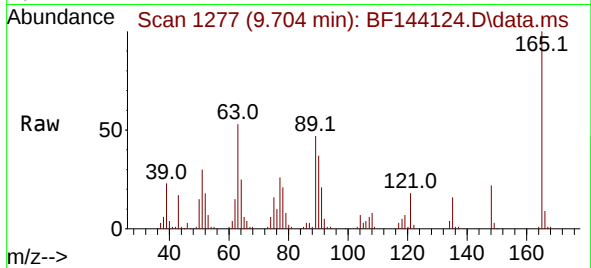
PB170259BS

Tgt Ion:165 Resp: 8619
Ion Ratio Lower Upper
165 100
63 53.4 50.4 75.6
89 47.4 41.4 62.2

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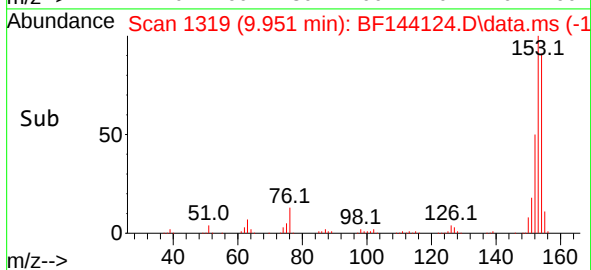
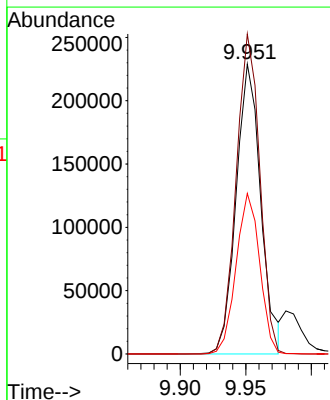
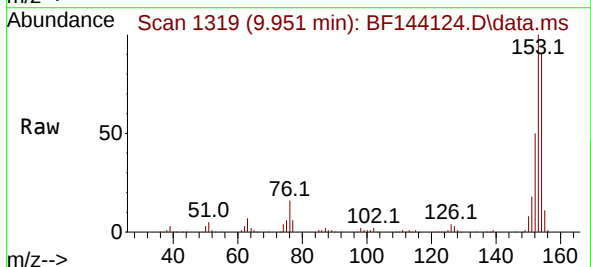
Reviewed By :Rahul
Chavli
10/30/2025

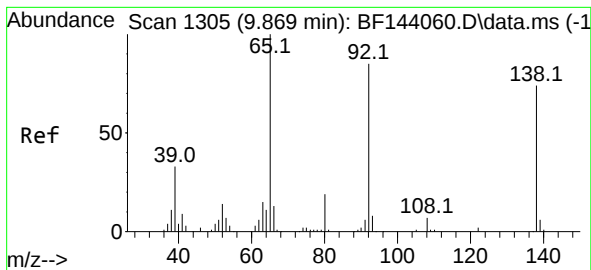
Supervised By :Jagrut
Upadhyay
10/30/2025



#52
Acenaphthene
Concen: 38.843 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:154 Resp: 300146
Ion Ratio Lower Upper
154 100
153 110.4 89.9 134.9
152 55.4 42.0 63.0





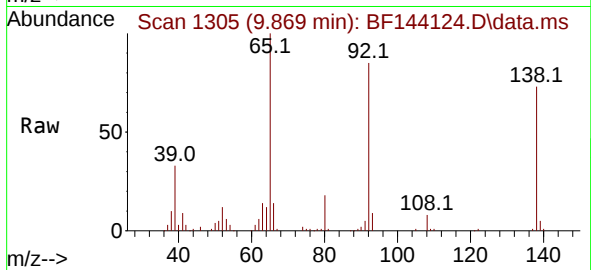
#53
3-Nitroaniline
Concen: 23.181 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:138 Resp: 4778
Ion Ratio Lower Upper
138 100
108 10.8 7.9 11.9
92 116.5 92.0 138.0

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Reviewed By :Rahul

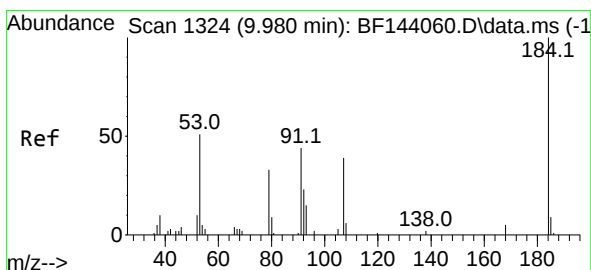
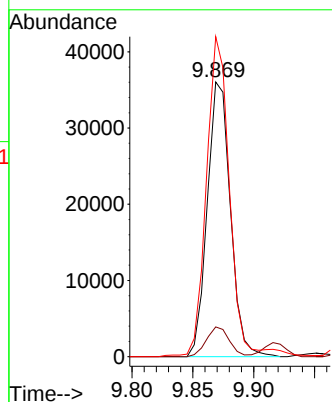
Chavli

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Supervised By :Jagrut

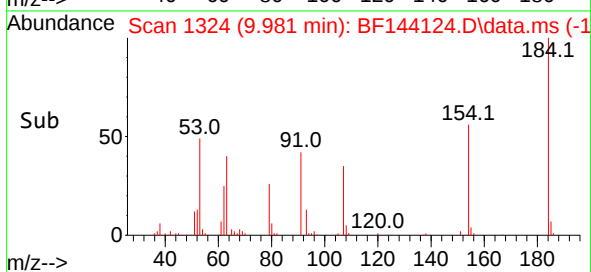
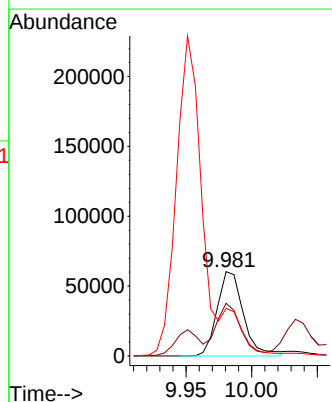
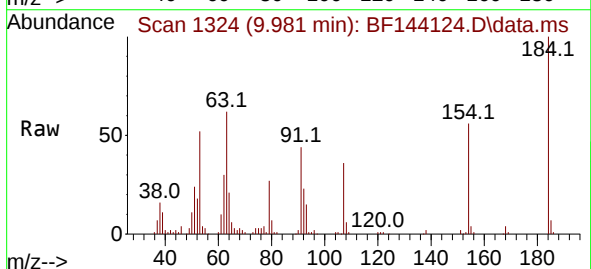
Upadhyay

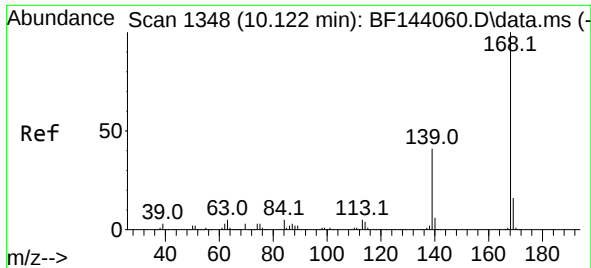
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#54
2,4-Dinitrophenol
Concen: 83.757 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

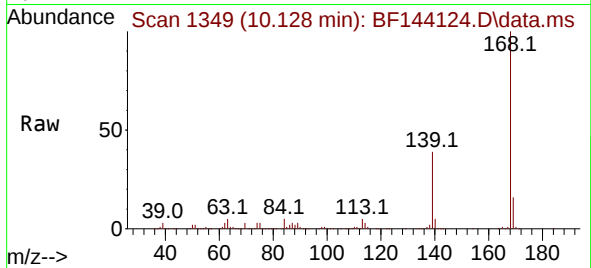
Tgt Ion:184 Resp: 83994
Ion Ratio Lower Upper
184 100
63 62.4 52.1 78.1
154 56.4 47.9 71.9





#55
Dibenzofuran
Concen: 41.454 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

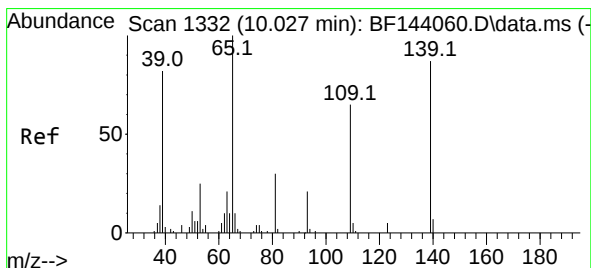
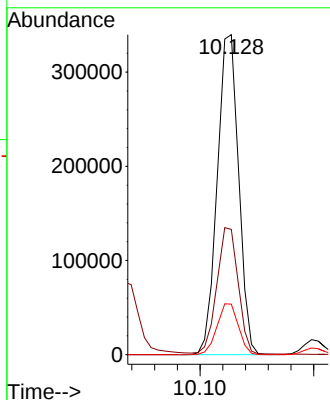
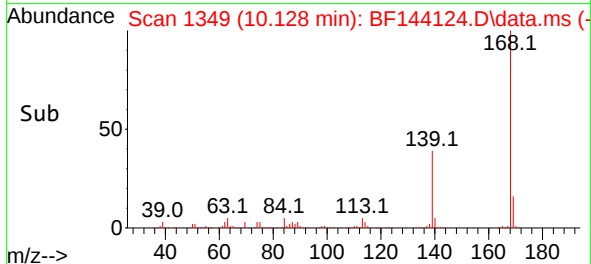


Tgt Ion:168 Resp: 444699
Ion Ratio Lower Upper
168 100
139 39.1 33.2 49.8
169 15.8 12.6 19.0

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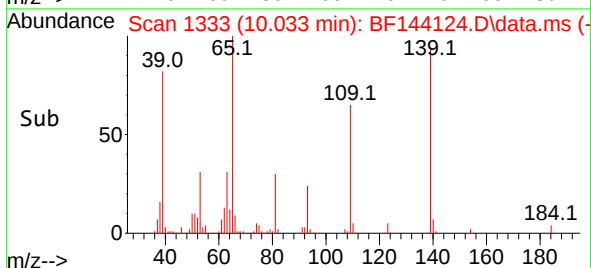
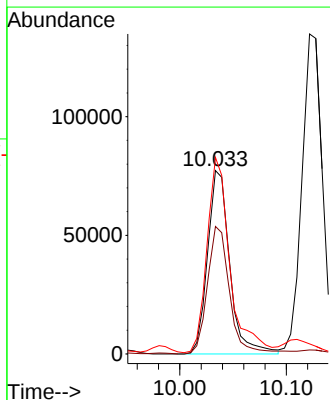
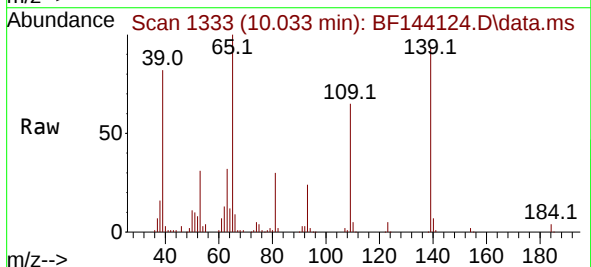
Reviewed By :Rahul
Chavli
10/30/2025

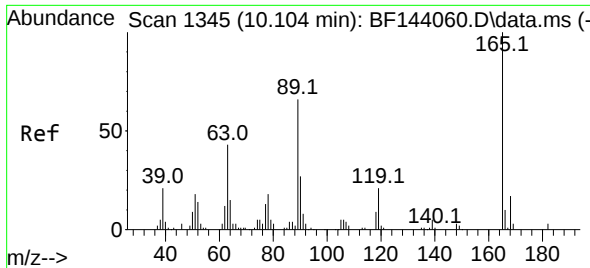
Supervised By :Jagrut
Upadhyay
10/30/2025



#56
4-Nitrophenol
Concen: 80.014 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:139 Resp: 111693
Ion Ratio Lower Upper
139 100
109 69.6 53.8 93.8
65 107.1 95.9 135.9





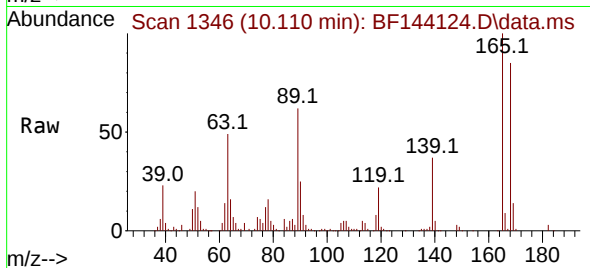
#57
2,4-Dinitrotoluene
Concen: 44.135 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

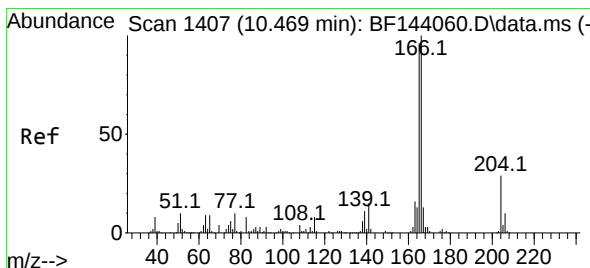
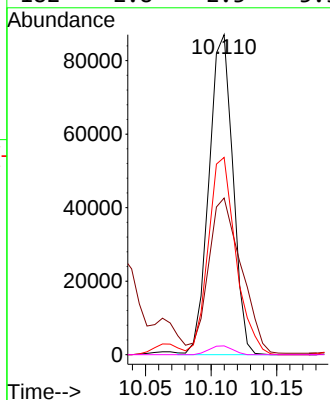
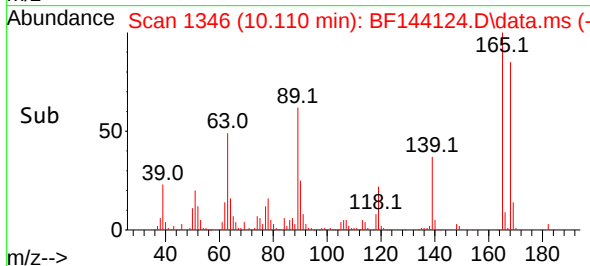


Tgt Ion:165 Resp: 11044
Ion Ratio Lower Upper
165 100
63 48.9 35.4 53.2
89 61.7 52.7 79.1
182 2.8 2.3 3.5

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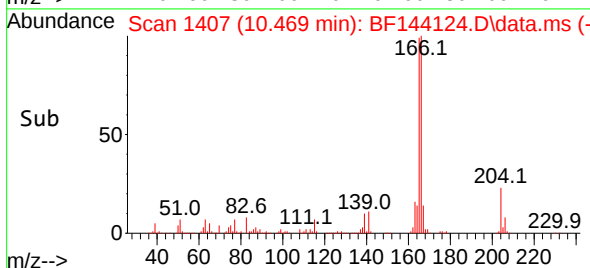
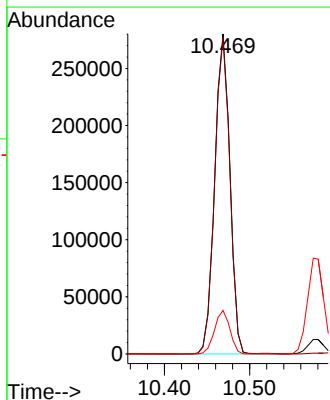
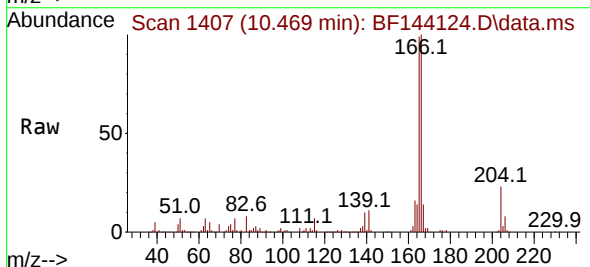
Reviewed By :Rahul
Chavli
10/30/2025

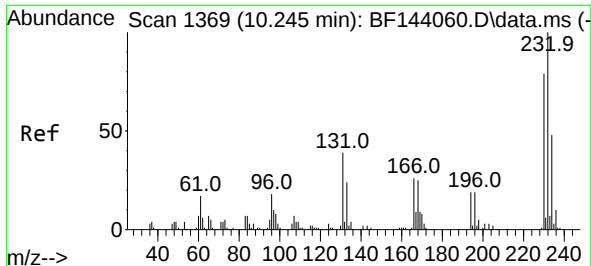
Supervised By :Jagrut
Upadhyay
10/30/2025



#58
Fluorene
Concen: 42.530 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:166 Resp: 347631
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.4
167 13.6 10.2 15.4





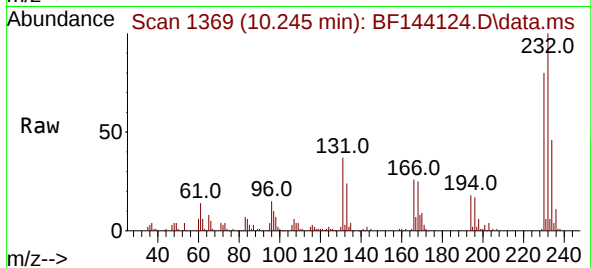
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.654 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

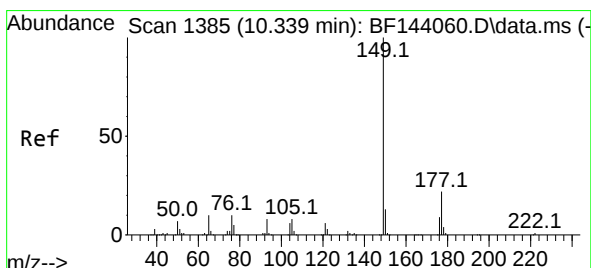
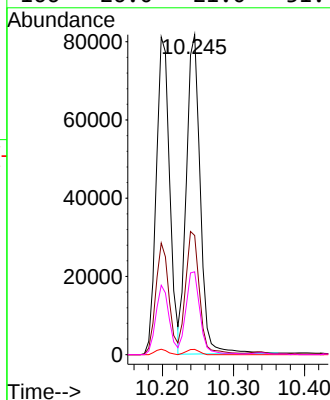
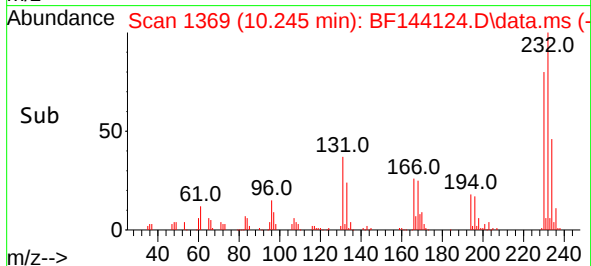


Tgt Ion:232 Resp: 110280
Ion Ratio Lower Upper
232 100
131 38.0 31.9 47.9
130 1.6 1.1 1.7
166 26.0 21.0 31.4

Manual Integrations
APPROVED

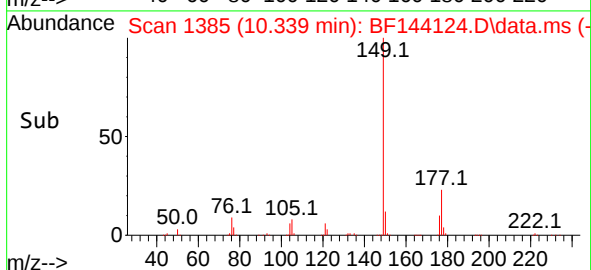
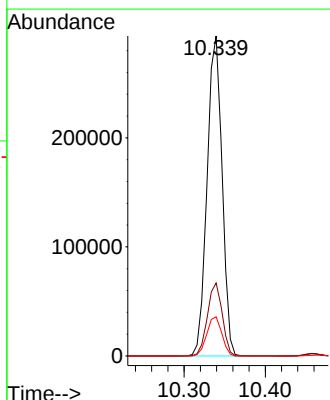
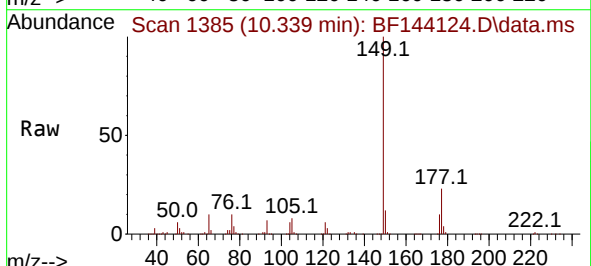
Reviewed By :Rahul
Chavli
10/30/2025

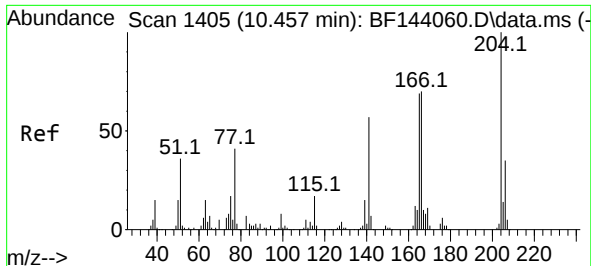
Supervised By :Jagrut
Upadhyay
10/30/2025



#60
Diethylphthalate
Concen: 42.513 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

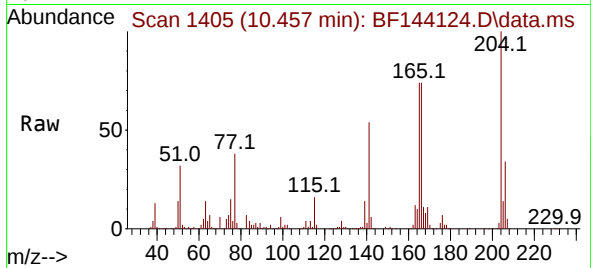
Tgt Ion:149 Resp: 374970
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.550 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

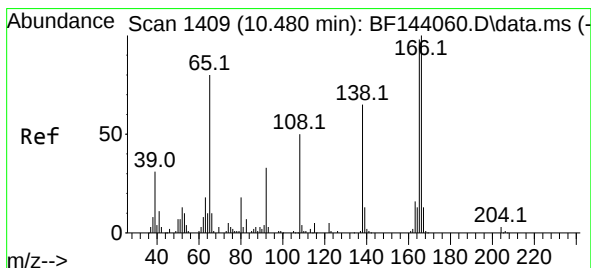
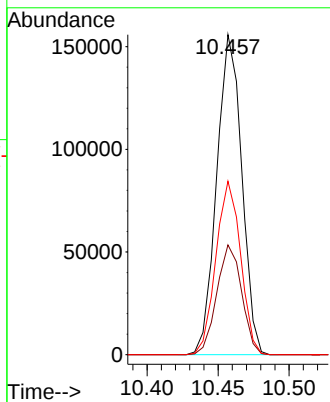
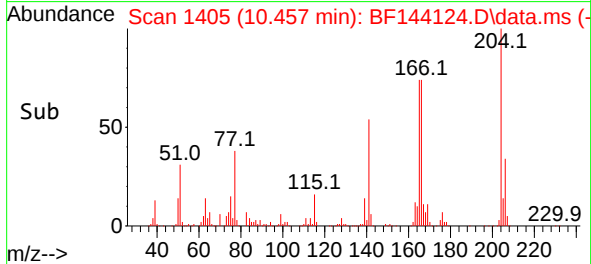


Tgt Ion:204 Resp: 190989
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.6
141 54.2 45.4 68.2

Manual Integrations
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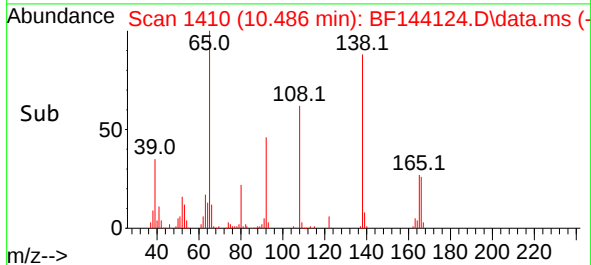
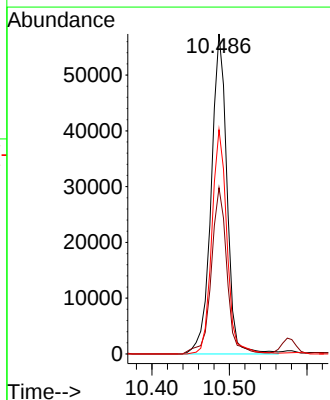
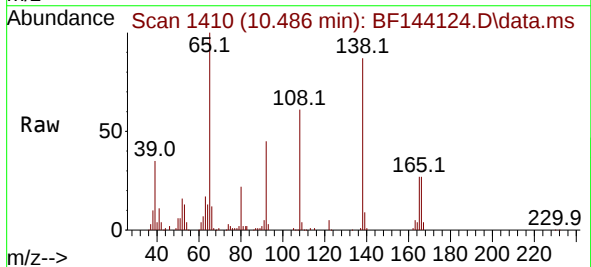
Reviewed By :Rahul
Chavli
10/30/2025

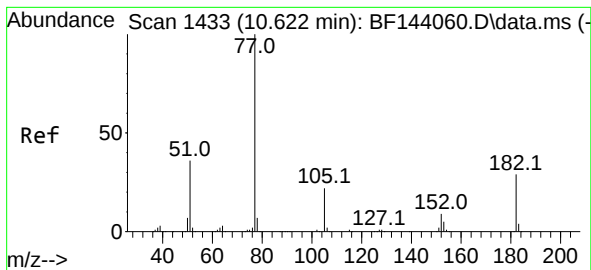
Supervised By :Jagrut
Upadhyay
10/30/2025



#62
4-Nitroaniline
Concen: 41.584 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

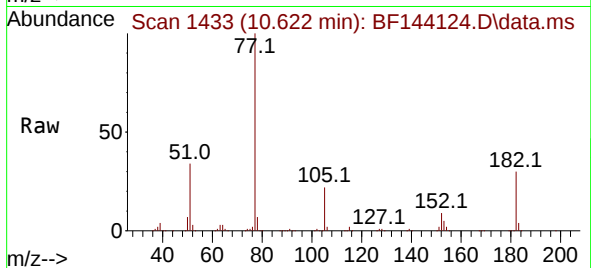
Tgt Ion:138 Resp: 81223
Ion Ratio Lower Upper
138 100
92 51.9 30.5 70.5
108 70.1 56.2 96.2





#63
Azobenzene
Concen: 42.557 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

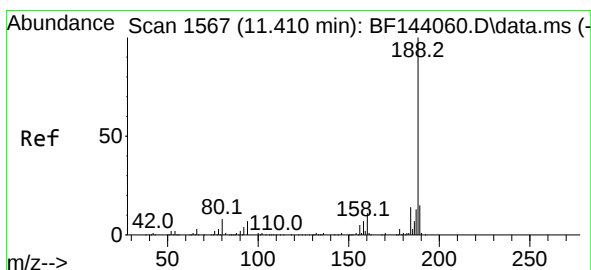
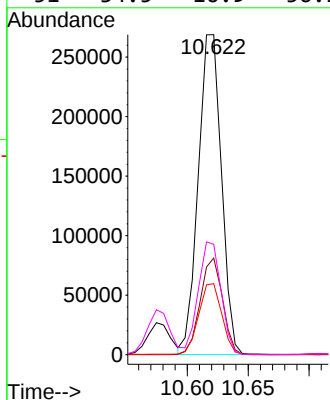


Tgt Ion: 77 Resp: 355260
Ion Ratio Lower Upper
77 100
182 30.2 9.0 49.0
105 22.2 1.4 41.4
51 34.5 16.9 56.9

Manual Integrations
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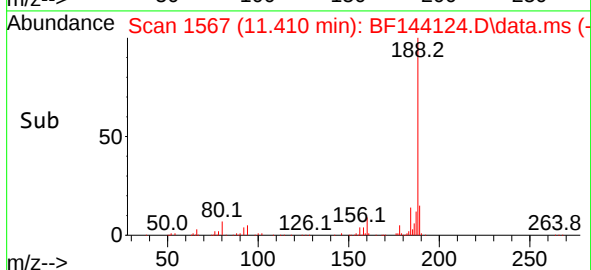
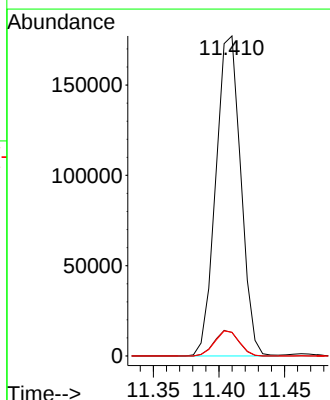
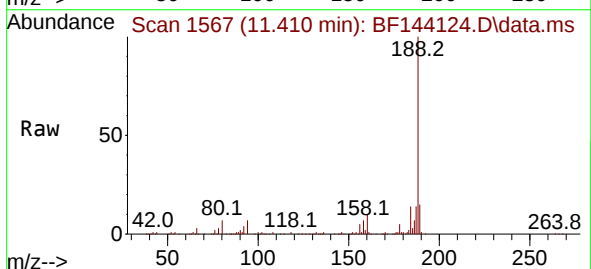
Reviewed By :Rahul
Chavli
10/30/2025

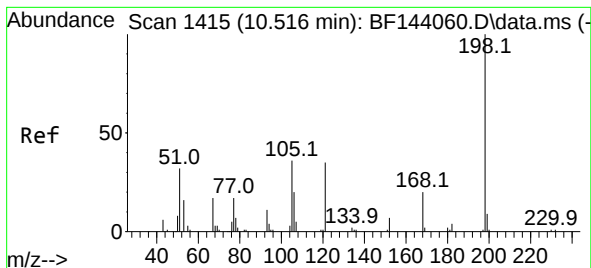
Supervised By :Jagrut
Upadhyay
10/30/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:188 Resp: 234592
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.4 6.0 9.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.524 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

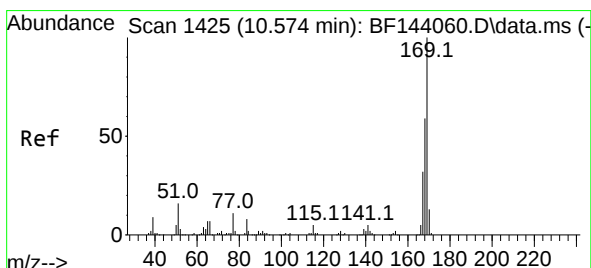
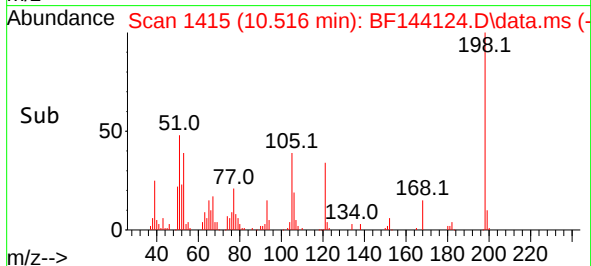
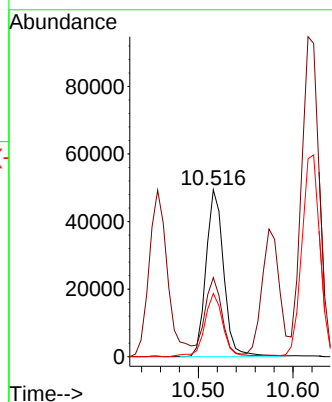
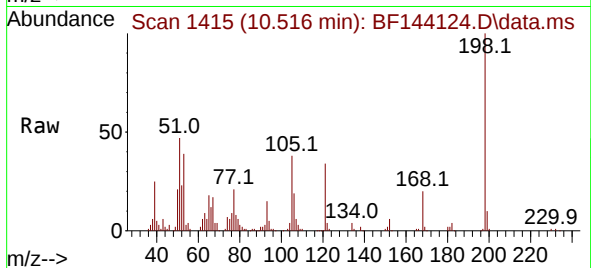
Instrument :
BNA_F
ClientSampleId :
PB170259BS

Tgt Ion:198 Resp: 64000
Ion Ratio Lower Upper
198 100
51 47.4 25.8 65.8
105 37.9 17.2 57.2

Manual Integrations
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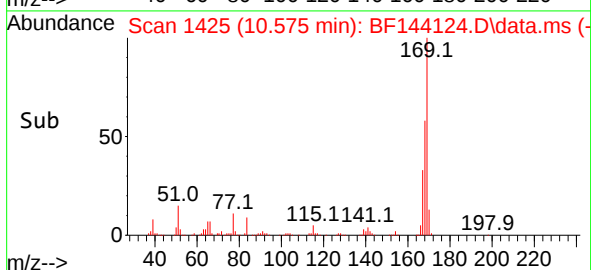
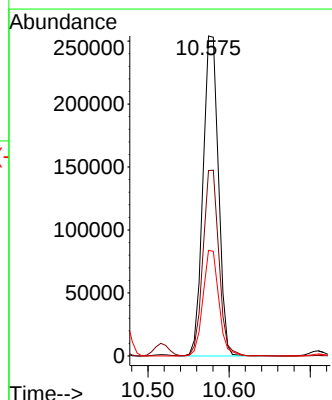
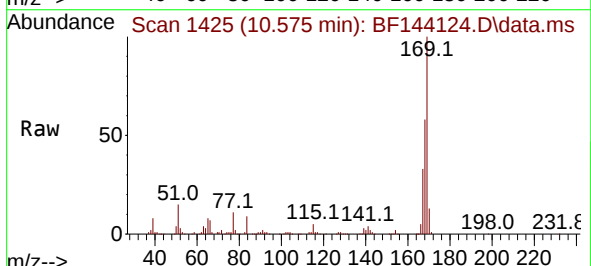
Reviewed By :Rahul
Chavli
10/30/2025

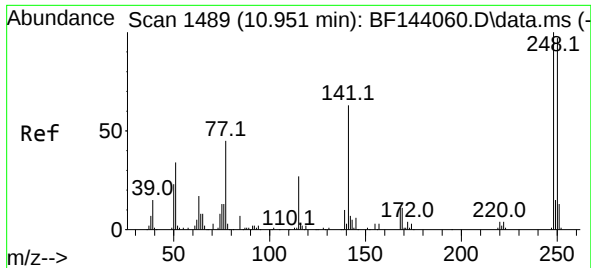
Supervised By :Jagrut
Upadhyay
10/30/2025



#66
n-Nitrosodiphenylamine
Concen: 44.744 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

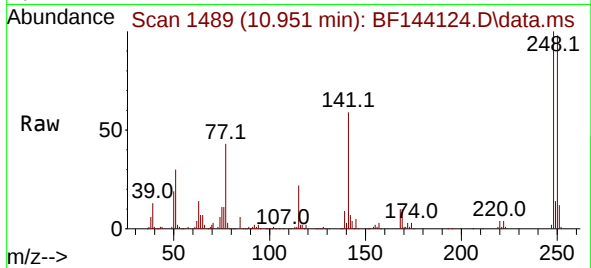
Tgt Ion:169 Resp: 335371
Ion Ratio Lower Upper
169 100
168 57.9 47.4 71.2
167 33.0 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 44.712 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

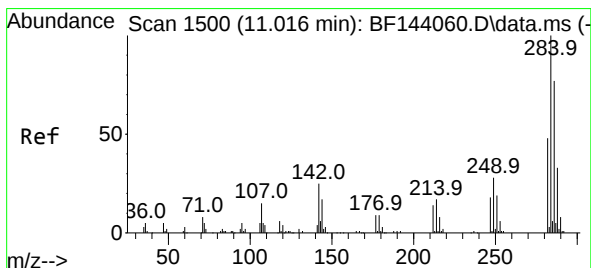
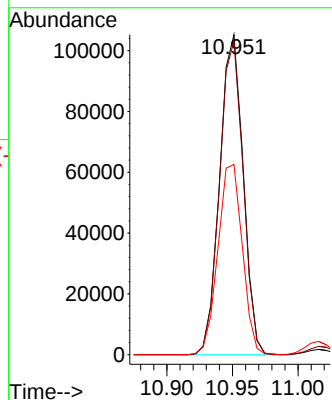


Tgt Ion:248 Resp: 131330
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 59.4 50.5 75.7

Manual Integrations
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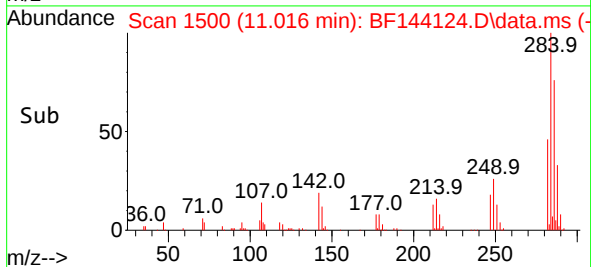
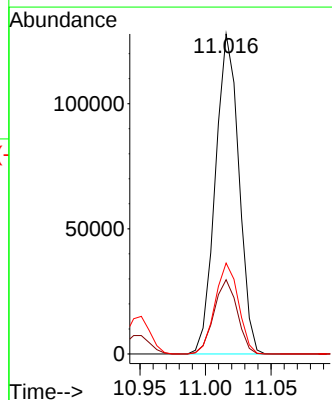
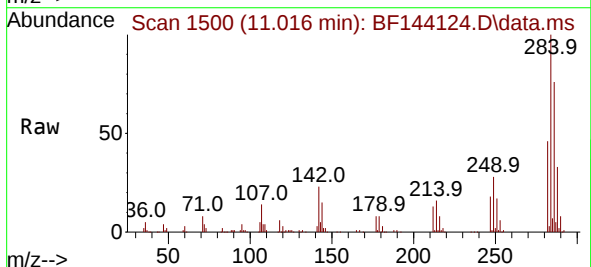
Reviewed By :Rahul
Chavli
10/30/2025

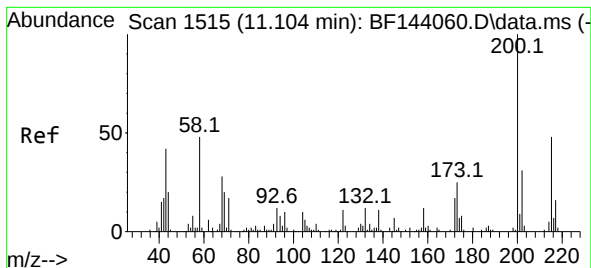
Supervised By :Jagrut
Upadhyay
10/30/2025



#68
Hexachlorobenzene
Concen: 44.199 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:284 Resp: 159219
Ion Ratio Lower Upper
284 100
142 23.2 20.0 30.0
249 28.4 22.2 33.2





#69

Atrazine

Concen: 45.694 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144124.D

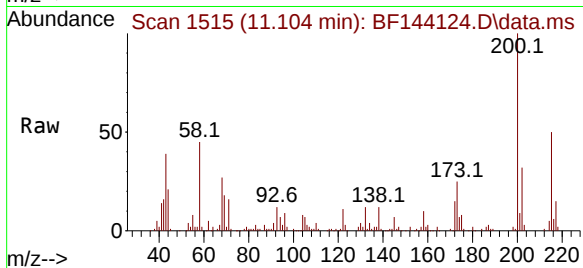
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:	200	Resp:	11238
Ion Ratio	Lower	Upper	
200	100		
173	24.6	4.9	44.9
215	49.6	28.2	68.2

Manual Integrations
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Reviewed By :Rahul

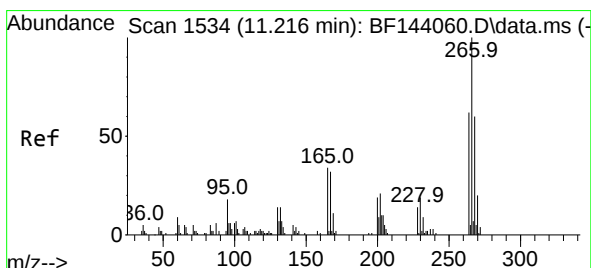
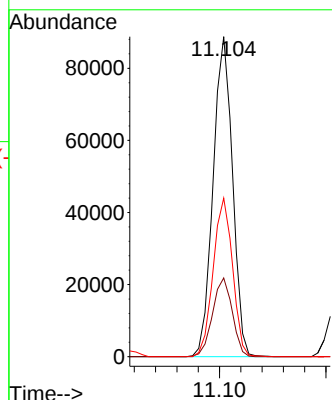
Chavli

10/30/2025

Supervised By :Jagrut

Upadhyay

10/30/2025



#70

Pentachlorophenol

Concen: 89.373 ng

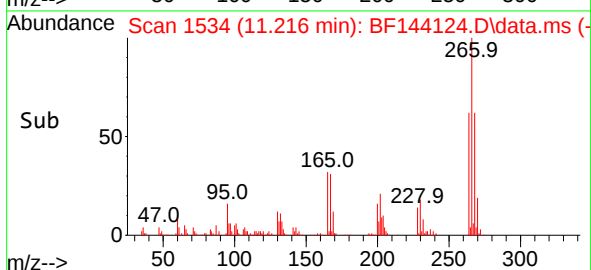
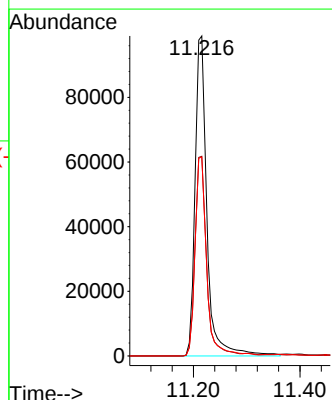
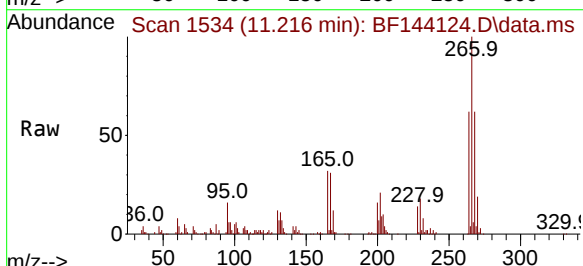
RT: 11.216 min Scan# 1534

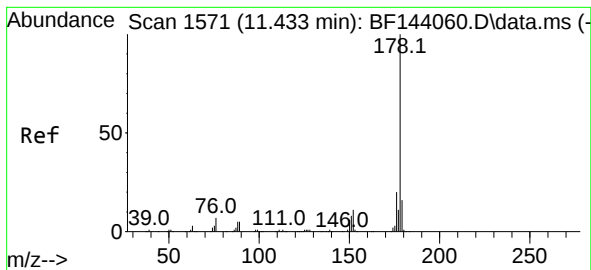
Delta R.T. 0.000 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

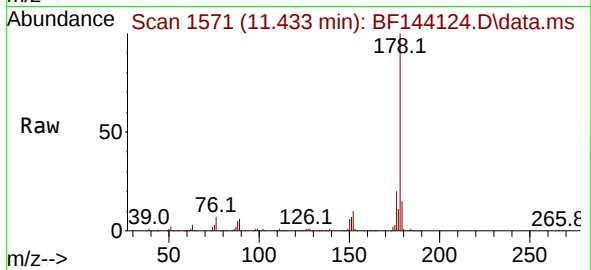
Tgt Ion:	266	Resp:	153246
Ion Ratio	Lower	Upper	
266	100		
268	62.4	48.2	72.4
264	62.2	49.4	74.0





#71
Phenanthrene
Concen: 42.900 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

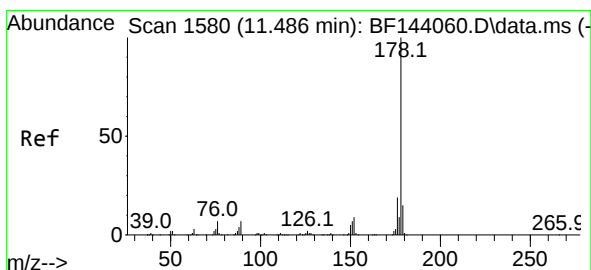
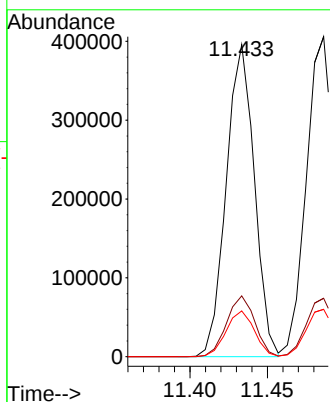
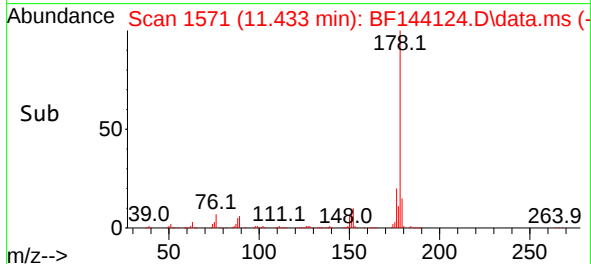


Tgt Ion:178 Resp: 49993
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 14.7 12.6 18.8

Manual Integrations
APPROVED

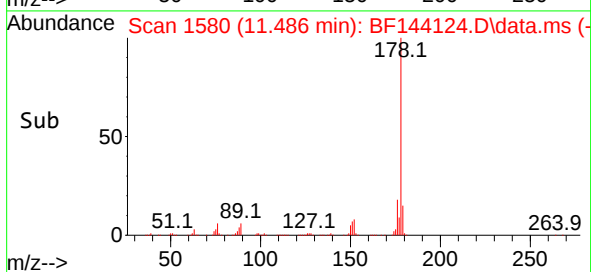
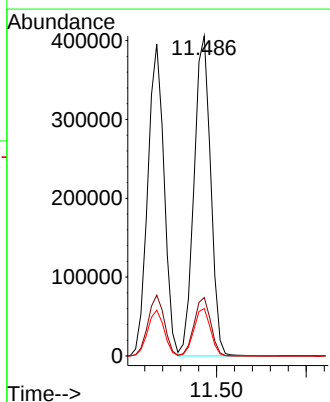
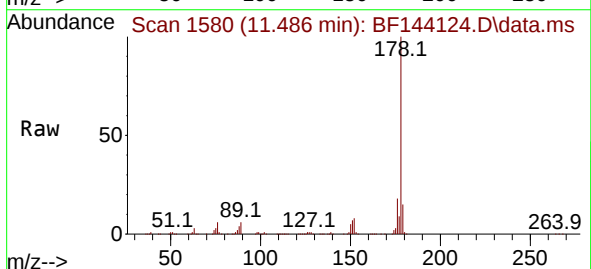
Reviewed By :Rahul
Chavli
10/30/2025

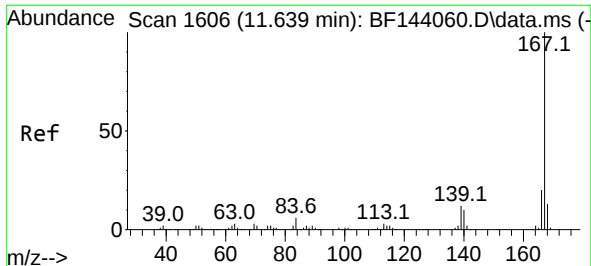
Supervised By :Jagrut
Upadhyay
10/30/2025



#72
Anthracene
Concen: 43.182 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

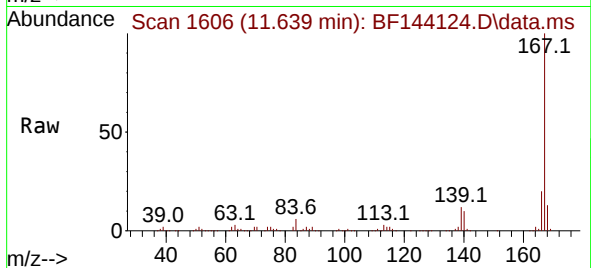
Tgt Ion:178 Resp: 519838
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 14.8 11.8 17.6





#73
 Carbazole
 Concen: 42.406 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144124.D
 Acq: 29 Oct 2025 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB170259BS

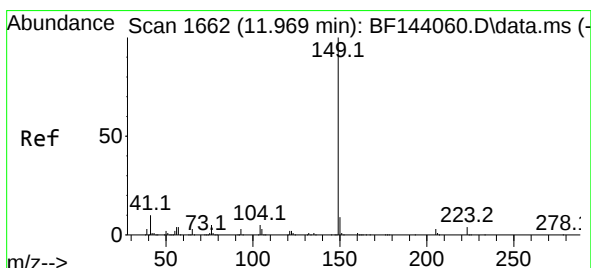
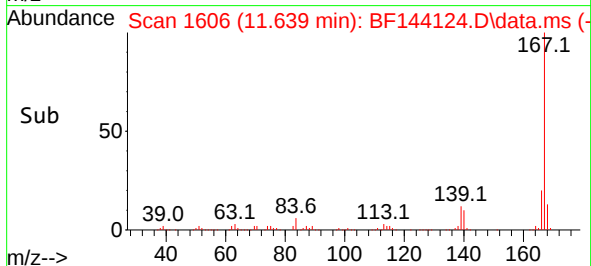
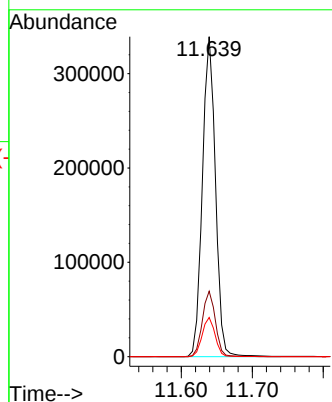


Tgt Ion:167 Resp: 434519
 Ion Ratio Lower Upper
 167 100
 166 20.4 16.1 24.1
 139 12.2 9.8 14.6

Manual Integrations
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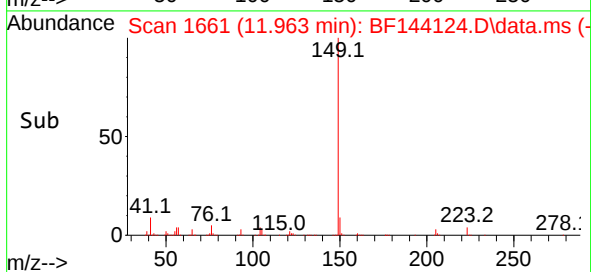
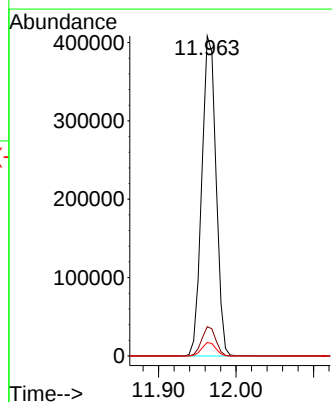
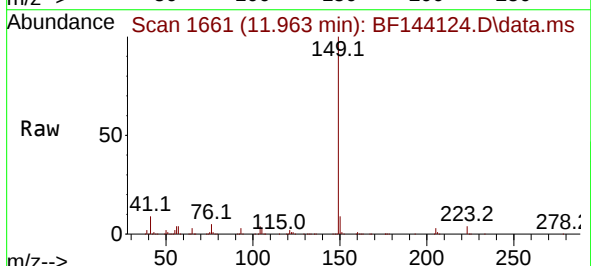
Reviewed By :Rahul
 Chavli
 10/30/2025

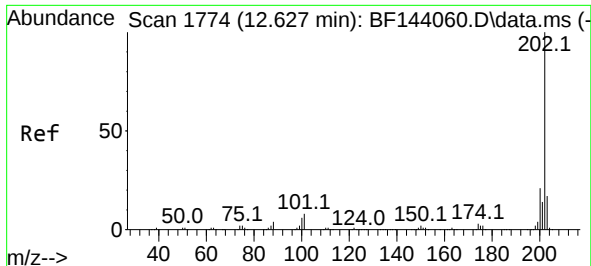
Supervised By :Jagrut
 Upadhyay
 10/30/2025



#74
 Di-n-butylphthalate
 Concen: 41.448 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF144124.D
 Acq: 29 Oct 2025 13:00

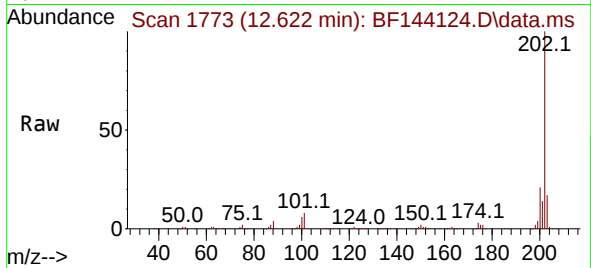
Tgt Ion:149 Resp: 520692
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 39.311 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

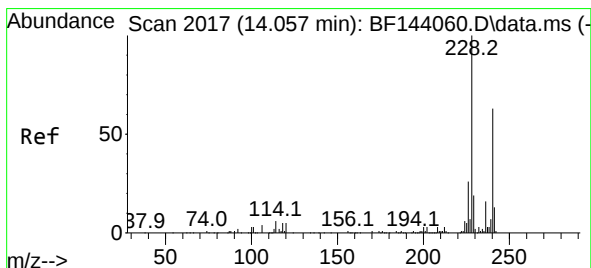
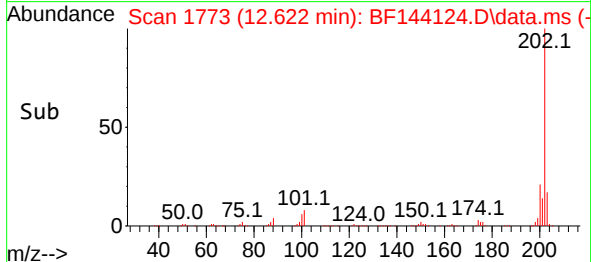
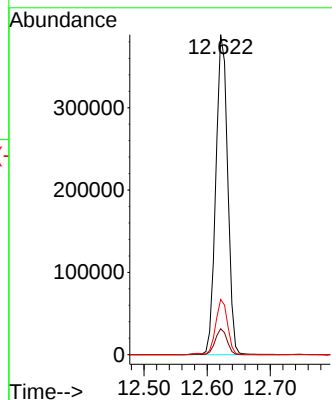


Tgt Ion:202 Resp: 506120
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.2 0.0 37.3

Manual Integrations
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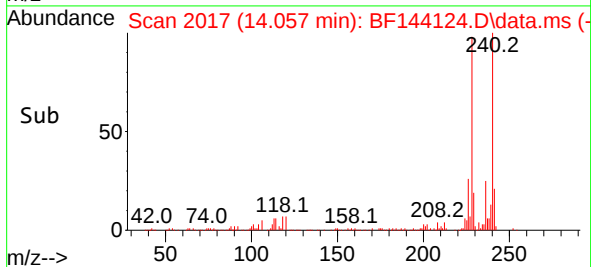
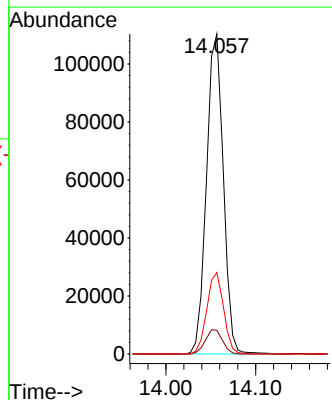
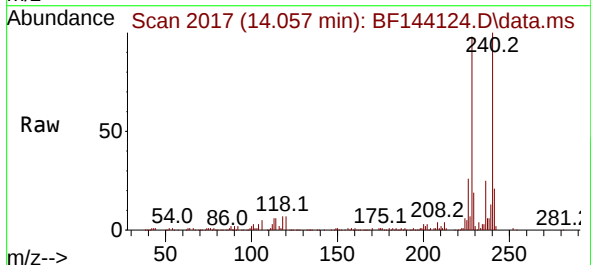
Reviewed By :Rahul
Chavli
10/30/2025

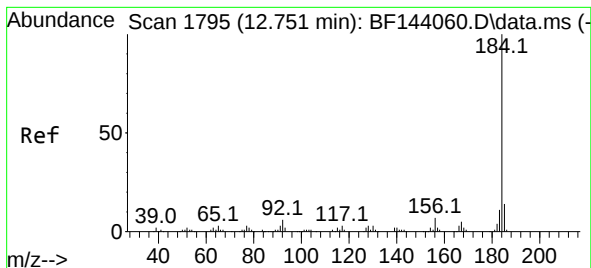
Supervised By :Jagrut
Upadhyay
10/30/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:240 Resp: 143872
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 25.4 20.1 30.1





#77

Benzidine

Concen: 32.909 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144124.D

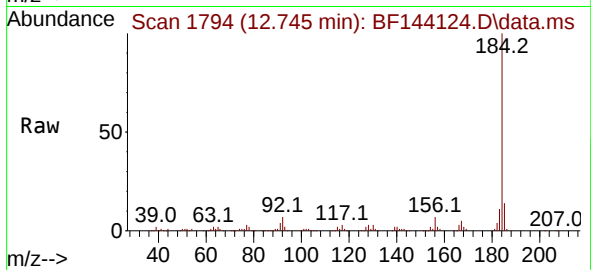
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:184 Resp: 14735

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 10.9 8.5 12.7

Manual Integrations

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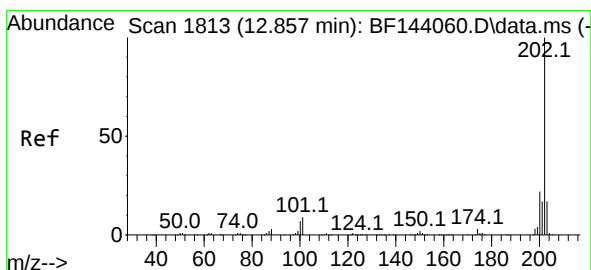
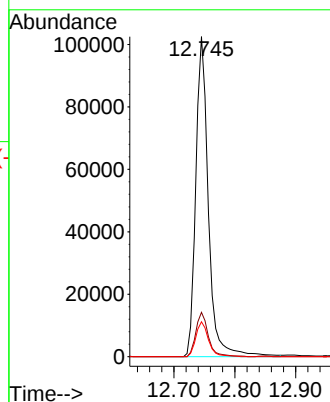
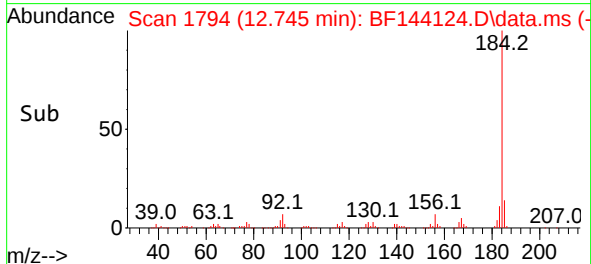
Chavli

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#78

Pyrene

Concen: 48.602 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

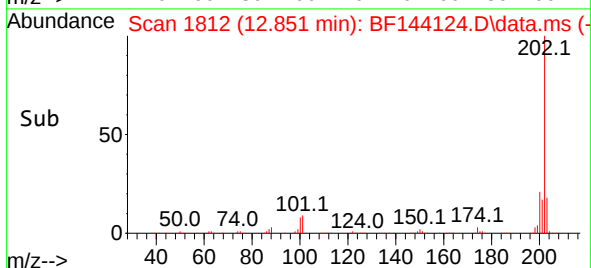
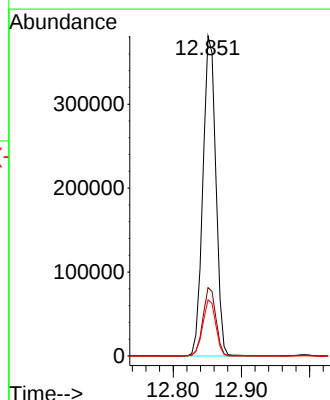
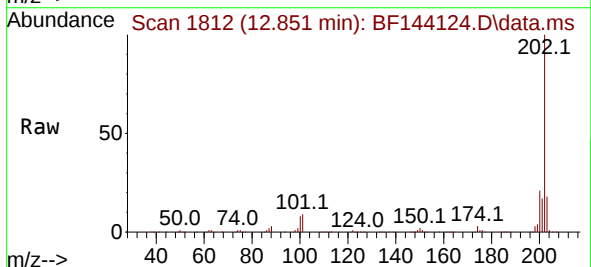
Tgt Ion:202 Resp: 502706

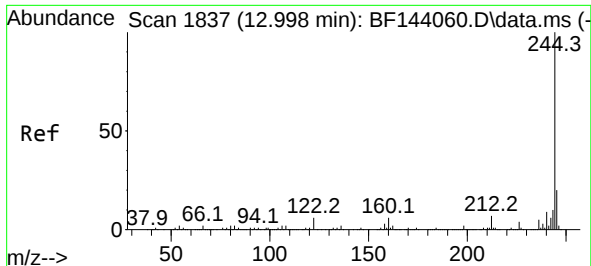
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.5 13.5 20.3





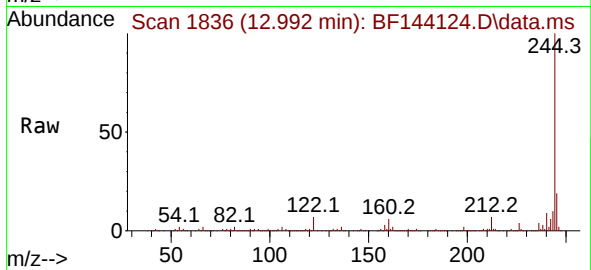
#79
 Terphenyl-d14
 Concen: 91.197 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144124.D
 Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:244 Resp: 750510
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.8 4.9 7.3

Manual Integrations

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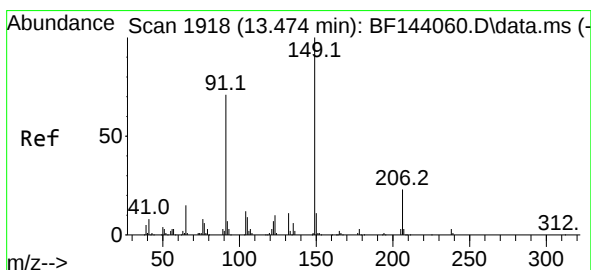
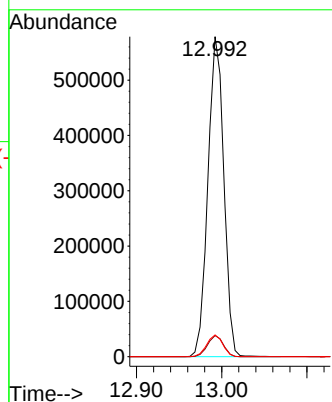
Chavli

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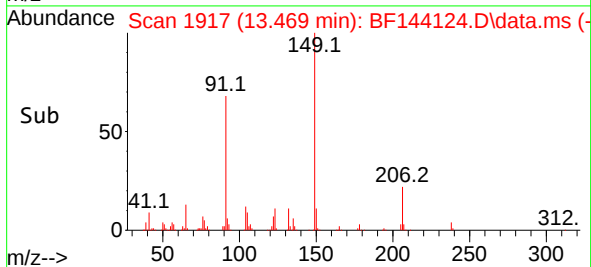
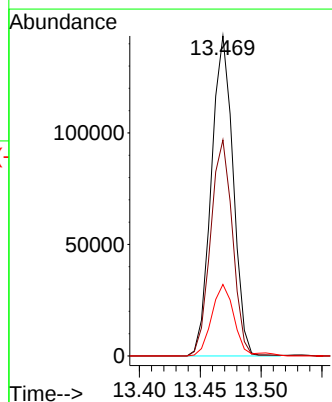
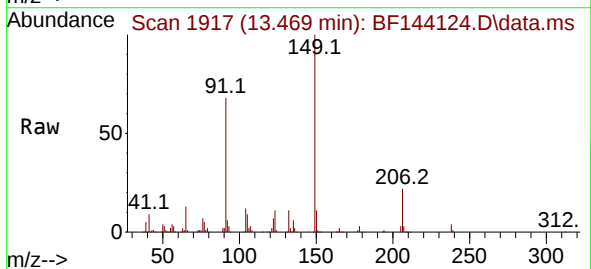
Upadhyay

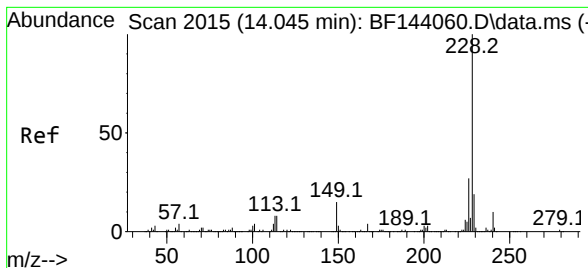
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#80
 Butylbenzylphthalate
 Concen: 45.706 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144124.D
 Acq: 29 Oct 2025 13:00

Tgt Ion:149 Resp: 178851
 Ion Ratio Lower Upper
 149 100
 91 67.5 56.6 84.8
 206 22.3 18.3 27.5





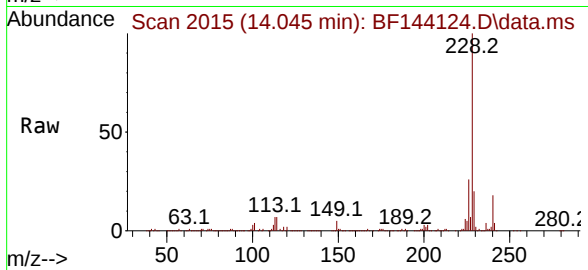
#81
Benzo(a)anthracene
Concen: 45.474 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:228 Resp: 442138
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.2
229 19.6 15.3 22.9

Manual Integrations
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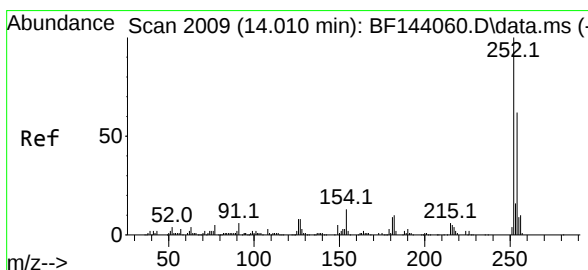
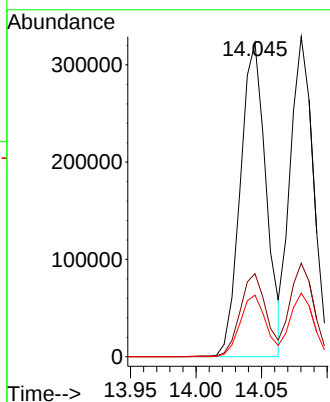
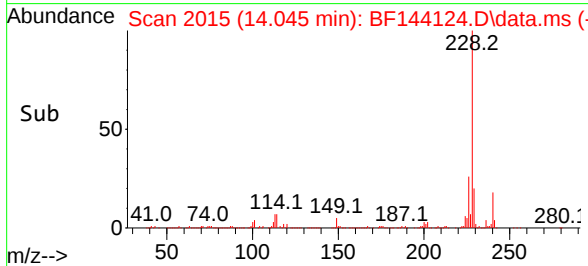
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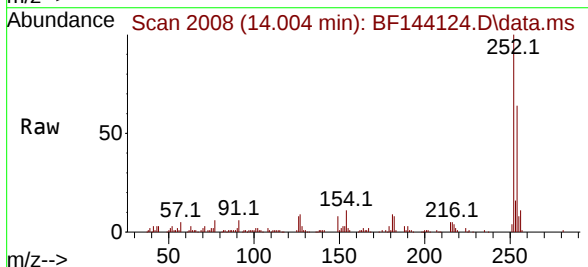
Supervised By :Jagrut

Upadhyay

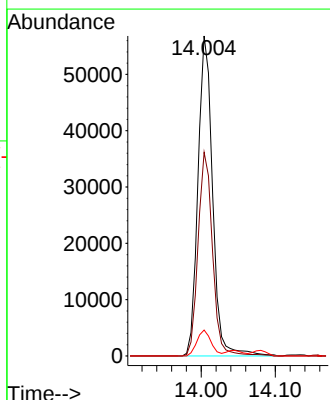
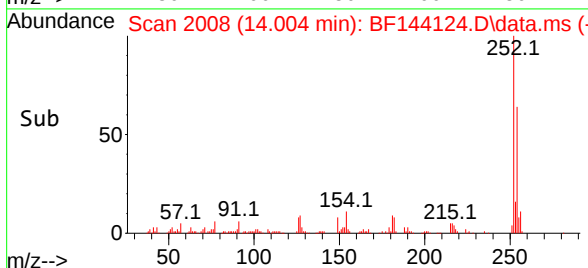
10/30/2025

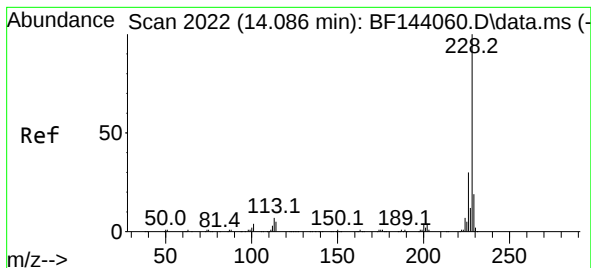


#82
3,3'-Dichlorobenzidine
Concen: 23.005 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:252 Resp: 77862
Ion Ratio Lower Upper
252 100
254 63.6 49.9 74.9
126 8.1 6.5 9.7





#83

Chrysene

Concen: 44.431 ng

RT: 14.080 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144124.D

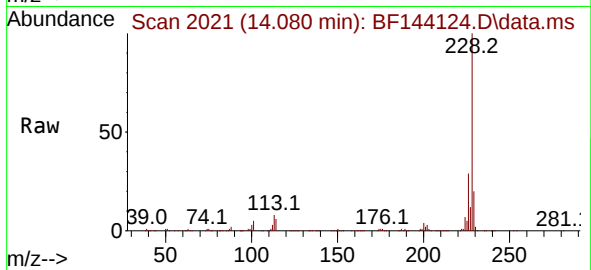
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:228 Resp: 405384

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.9 15.6 23.4

Manual Integrations

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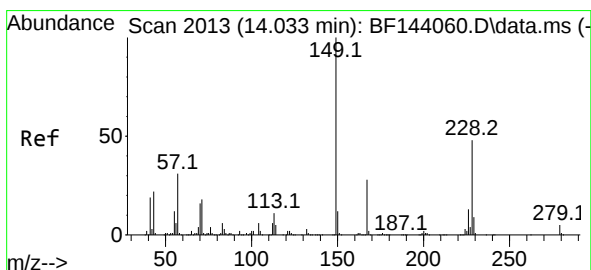
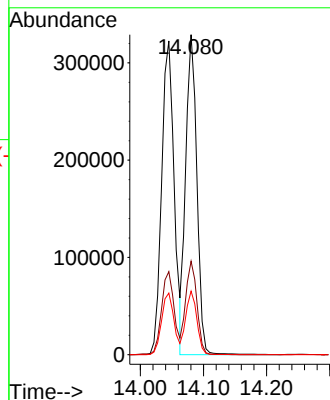
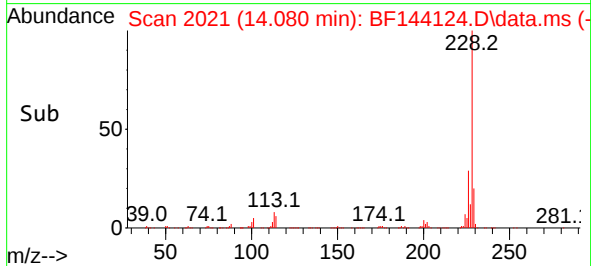
Chavli

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.942 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144124.D

Acq: 29 Oct 2025 13:00

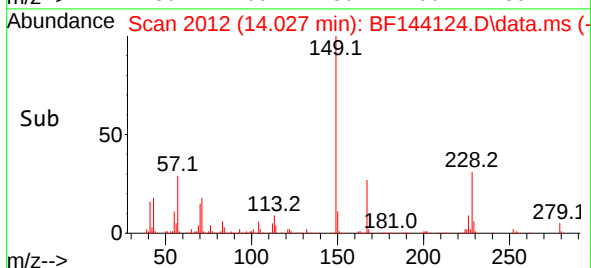
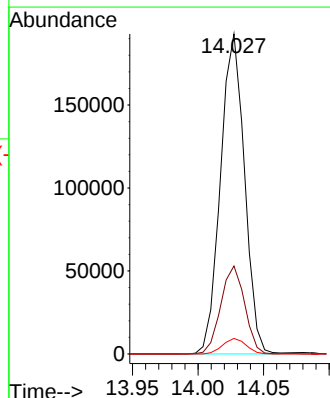
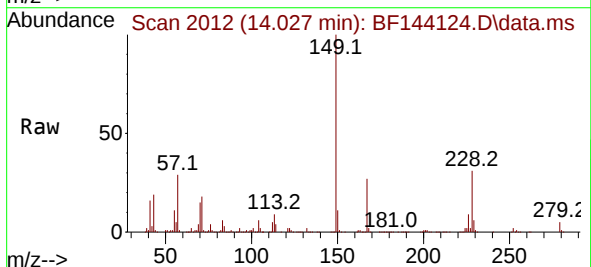
Tgt Ion:149 Resp: 245421

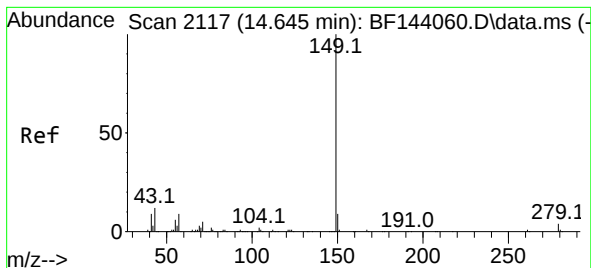
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

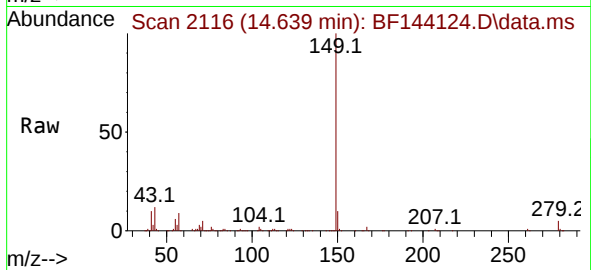
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 46.941 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB170259BS

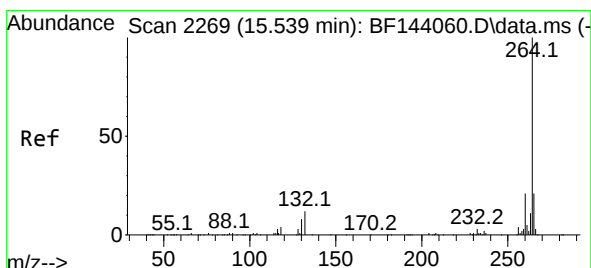
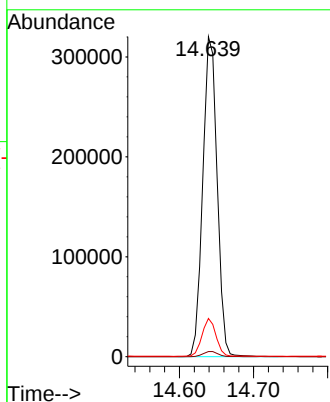
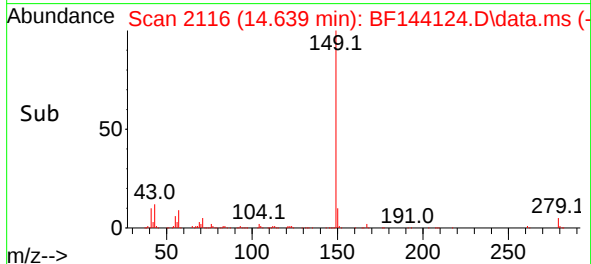


Tgt Ion:149 Resp: 431238
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 9.3 13.9

Manual Integrations
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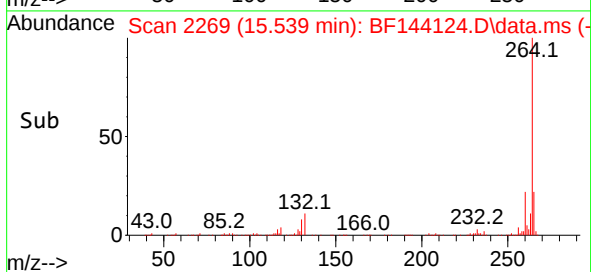
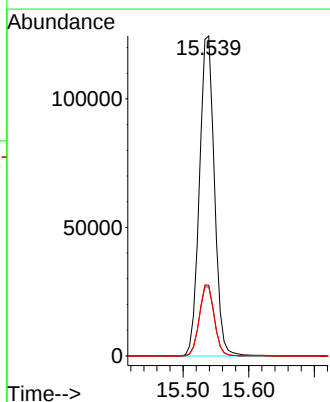
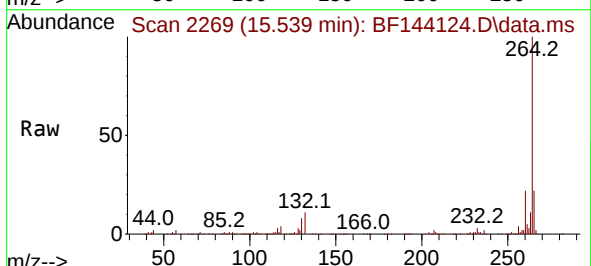
Reviewed By :Rahul
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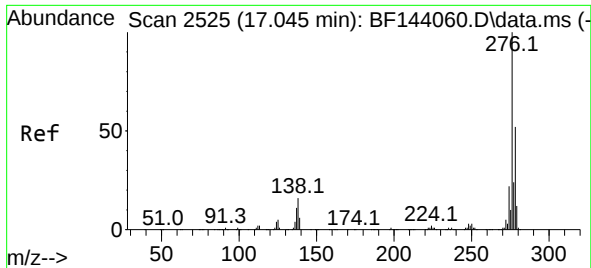
Supervised By :Jagrut
Upadhyay
10/30/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:264 Resp: 198298
Ion Ratio Lower Upper
264 100
260 22.1 17.0 25.4
265 21.6 16.6 24.8





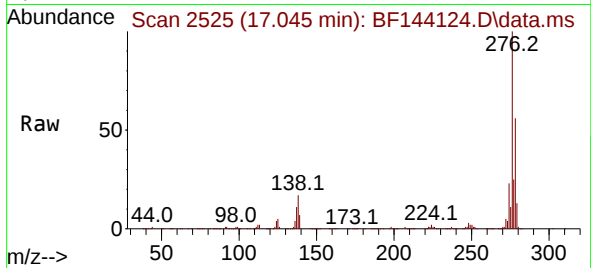
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.608 ng
RT: 17.045 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

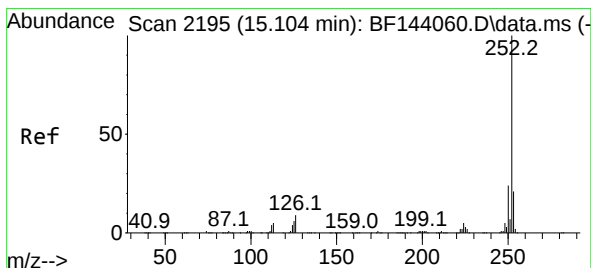
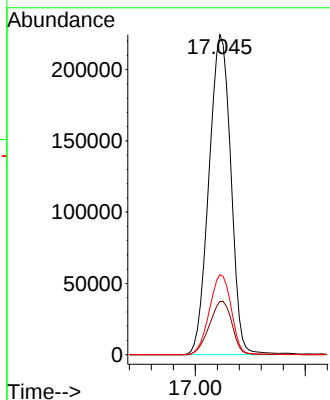
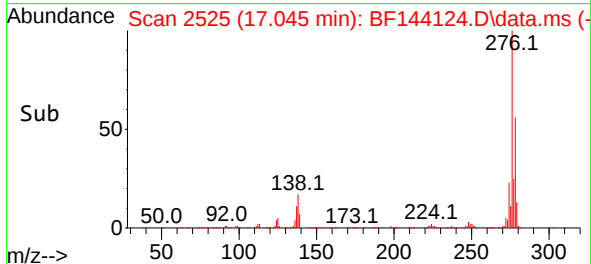


Tgt Ion:276 Resp: 62091
Ion Ratio Lower Upper
276 100
138 17.3 13.0 19.6
277 25.1 19.4 29.0

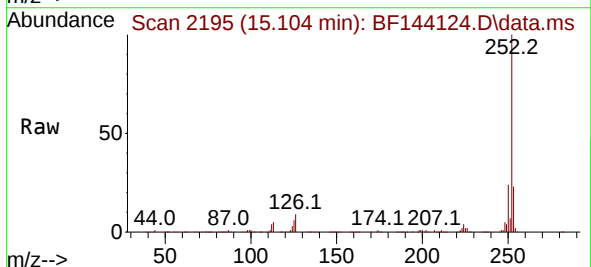
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10/30/2025

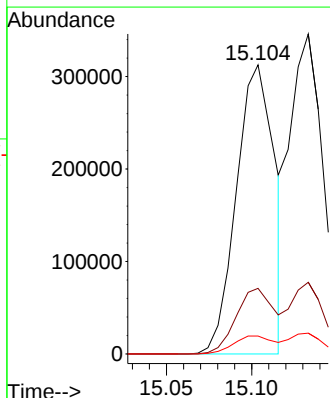
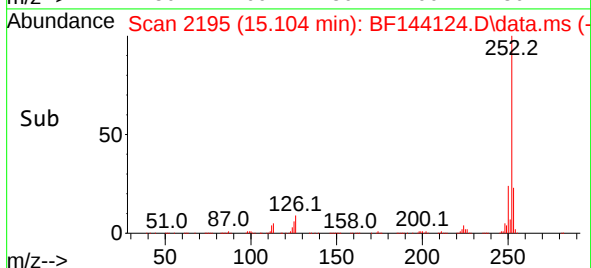
Supervised By :Jagrut
Upadhyay
10/30/2025

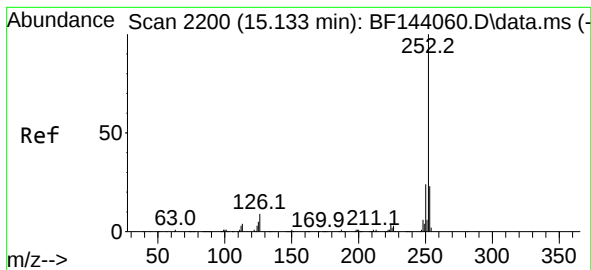


#88
Benzo(b)fluoranthene
Concen: 43.244 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:252 Resp: 484784
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 6.2 5.0 7.6





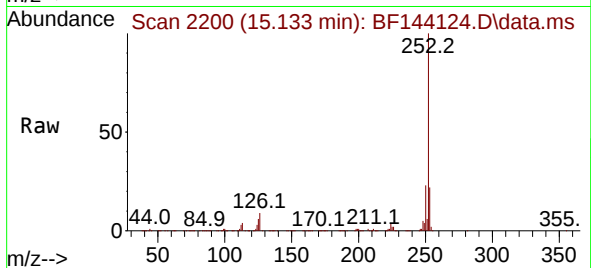
#89
Benzo(k)fluoranthene
Concen: 45.628 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS



Tgt Ion:252 Resp: 47193
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 6.5 4.9 7.3

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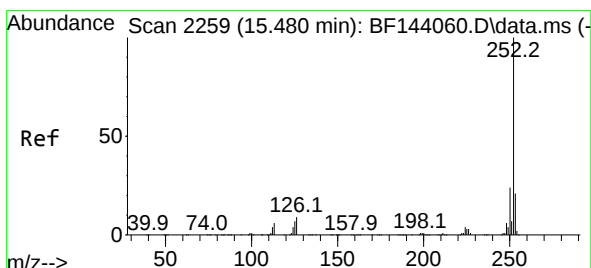
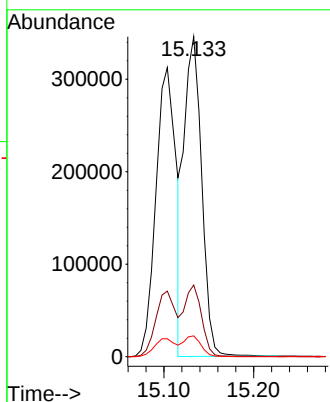
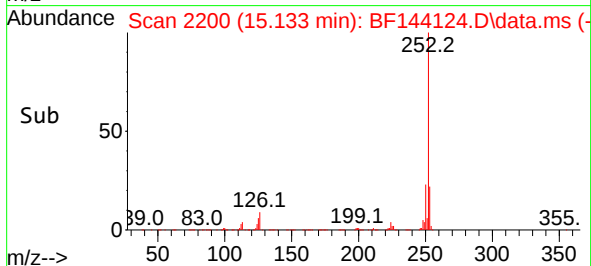
Chavli

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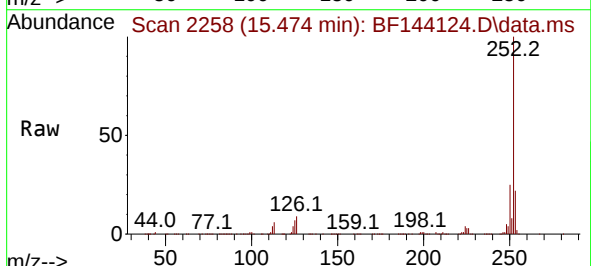
Supervised By :Jagrut

Upadhyay

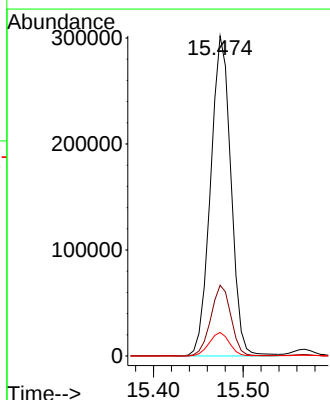
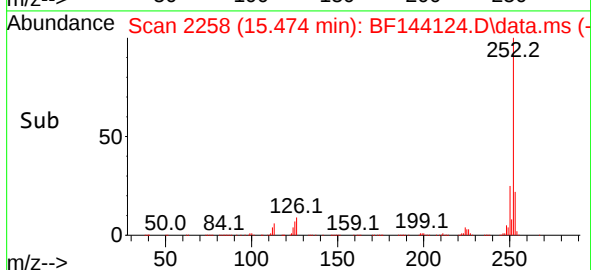
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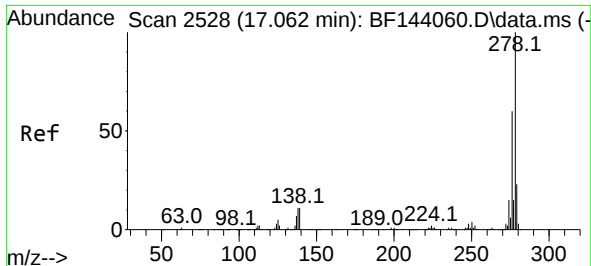


#90
Benzo(a)pyrene
Concen: 47.420 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00



Tgt Ion:252 Resp: 476910
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 7.3 5.4 8.2





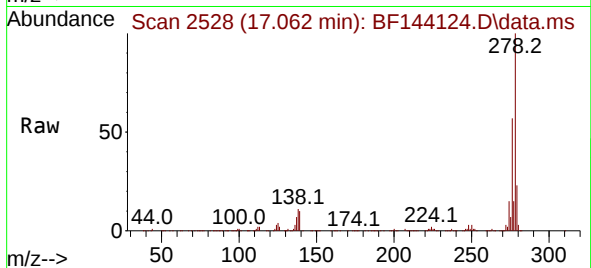
#91
Dibenzo(a,h)anthracene
Concen: 47.520 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Instrument :

BNA_F

ClientSampleId :

PB170259BS

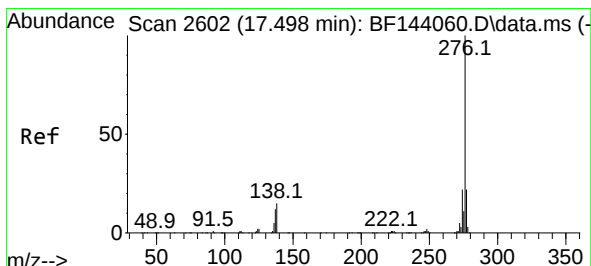
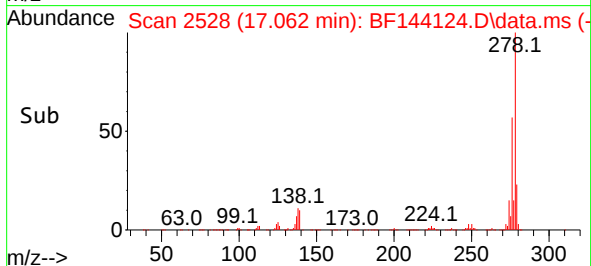
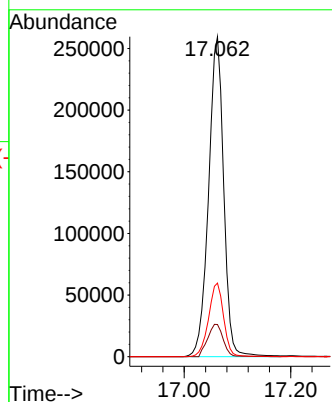


Tgt Ion:278 Resp: 51210
Ion Ratio Lower Upper
278 100
139 10.0 8.5 12.7
279 23.0 18.6 28.0

Manual Integrations
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Reviewed By :Rahul
Chavli
10/30/2025

Supervised By :Jagrut
Upadhyay
10/30/2025



#92
Benzo(g,h,i)perylene
Concen: 47.402 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BF144124.D
Acq: 29 Oct 2025 13:00

Tgt Ion:276 Resp: 513596
Ion Ratio Lower Upper
276 100
277 23.6 17.9 26.9
138 15.2 12.0 18.0

