

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143703.D
 Acq On : 11 Sep 2025 13:29
 Operator : RC/JU
 Sample : PB169649BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169649BS

Quant Time: Sep 11 13:58:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

09/12/2025
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	40211	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	154102	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	87739	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	139957	20.000	ng	0.01
76) Chrysene-d12	14.062	240	87066	20.000	ng	0.02
86) Perylene-d12	15.539	264	93680	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	291463	123.667	ng	0.02
7) Phenol-d6	6.516	99	353330	123.125	ng	0.01
23) Nitrobenzene-d5	7.457	82	213705	86.258	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	116429	131.675	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	496689	85.516	ng	0.00
79) Terphenyl-d14	13.010	244	456842	85.030	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	39333	37.413	ng	99
3) Pyridine	3.516	79	102357	37.690	ng	99
4) n-Nitrosodimethylamine	3.469	42	46219	44.803	ng	98
6) Aniline	6.557	93	136579	35.934	ng	98
8) 2-Chlorophenol	6.675	128	114210	44.868	ng	98
9) Benzaldehyde	6.445	77	47158	20.368	ng	97
10) Phenol	6.528	94	146830	46.287	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	105263	44.431	ng	96
12) 1,3-Dichlorobenzene	6.833	146	130943	44.979	ng	99
13) 1,4-Dichlorobenzene	6.910	146	134506	45.776	ng	99
14) 1,2-Dichlorobenzene	7.063	146	127305	45.879	ng	99
15) Benzyl Alcohol	7.033	79	96930	46.435	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	133290	43.003	ng	97
17) 2-Methylphenol	7.139	107	93201	45.516	ng	99
18) Hexachloroethane	7.410	117	41482	43.703	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	80100	45.448	ng	98
20) 3+4-Methylphenols	7.292	107	120245	44.594	ng	91
22) Acetophenone	7.304	105	160934	46.240	ng	98
24) Nitrobenzene	7.475	77	112809	43.914	ng	98
25) Isophorone	7.716	82	215669	45.397	ng	99
26) 2-Nitrophenol	7.792	139	58371	46.214	ng	97
27) 2,4-Dimethylphenol	7.822	122	111435	49.146	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	131305	44.975	ng	99
29) 2,4-Dichlorophenol	8.027	162	101421	44.466	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	111788	47.308	ng	99
31) Naphthalene	8.198	128	340959	44.695	ng	99
32) Benzoic acid	7.928	122	67802	49.013	ng	96
33) 4-Chloroaniline	8.239	127	75435	28.405	ng	98
34) Hexachlorobutadiene	8.316	225	69978	45.403	ng	98
35) Caprolactam	8.610	113	27627m	45.509	ng	
36) 4-Chloro-3-methylphenol	8.722	107	102384	45.525	ng	94
37) 2-Methylnaphthalene	8.886	142	210801	40.368	ng	100
38) 1-Methylnaphthalene	8.986	142	219412	43.782	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	112492	44.785	ng	98
41) Hexachlorocyclopentadiene	9.045	237	156247	121.163	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	78163	46.602	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	80125	46.991	ng	99
46) 1,1'-Biphenyl	9.357	154	292219	46.263	ng	100
47) 2-Chloronaphthalene	9.380	162	220204	44.469	ng	99
48) 2-Nitroaniline	9.469	65	60008	45.792	ng	97
49) Acenaphthylene	9.798	152	357813	50.444	ng	99
50) Dimethylphthalate	9.657	163	263218	46.109	ng	100
51) 2,6-Dinitrotoluene	9.716	165	56108	51.406	ng	96
52) Acenaphthene	9.969	154	237313	48.551	ng	99
53) 3-Nitroaniline	9.880	138	39126	33.310	ng	97
54) 2,4-Dinitrophenol	9.986	184	56553	95.172	ng	# 52
55) Dibenzofuran	10.139	168	320805	45.643	ng	100
56) 4-Nitrophenol	10.033	139	85578	91.579	ng	98
57) 2,4-Dinitrotoluene	10.116	165	73564	49.522	ng	98
58) Fluorene	10.486	166	254614	46.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	67535	48.846	ng	99
60) Diethylphthalate	10.357	149	250321	46.707	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	129231	46.314	ng	99
62) 4-Nitroaniline	10.498	138	50571	45.458	ng	99
63) Azobenzene	10.633	77	221391	46.727	ng	98
65) 4,6-Dinitro-2-methylph...	10.521	198	34805	48.844	ng	98
66) n-Nitrosodiphenylamine	10.592	169	217761	47.494	ng	99
67) 4-Bromophenyl-phenylether	10.968	248	78324	46.407	ng	99
68) Hexachlorobenzene	11.033	284	82998	46.573	ng	98
69) Atrazine	11.121	200	67881	47.218	ng	98
70) Pentachlorophenol	11.221	266	101943	94.630	ng	98
71) Phenanthrene	11.445	178	351627	45.598	ng	100
72) Anthracene	11.498	178	357142	46.060	ng	100
73) Carbazole	11.651	167	289440	45.580	ng	100
74) Di-n-butylphthalate	11.980	149	352178	46.065	ng	100
75) Fluoranthene	12.633	202	310005	43.791	ng	100
77) Benzidine	12.751	184	83570	29.434	ng	99
78) Pyrene	12.862	202	308890	44.373	ng	99
80) Butylbenzylphthalate	13.480	149	105341	48.297	ng	98
81) Benzo(a)anthracene	14.051	228	253647	45.284	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	59869	34.743	ng	98
83) Chrysene	14.086	228	239433	46.672	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	156393	50.254	ng	100
85) Di-n-octyl phthalate	14.656	149	279369	50.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	304548	47.634	ng	100
88) Benzo(b)fluoranthene	15.109	252	251903	45.171	ng	99
89) Benzo(k)fluoranthene	15.139	252	239869	47.660	ng	99
90) Benzo(a)pyrene	15.480	252	242075	49.411	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	258057	48.649	ng	99
92) Benzo(g,h,i)perylene	17.497	276	242326	48.840	ng	99

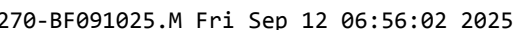
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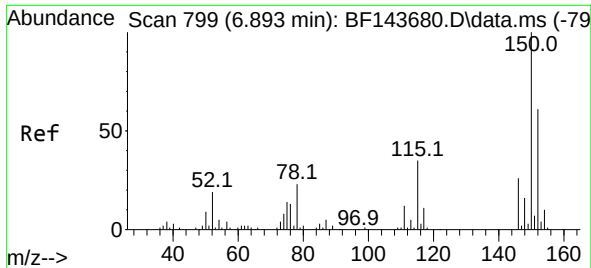
Manual Integrations

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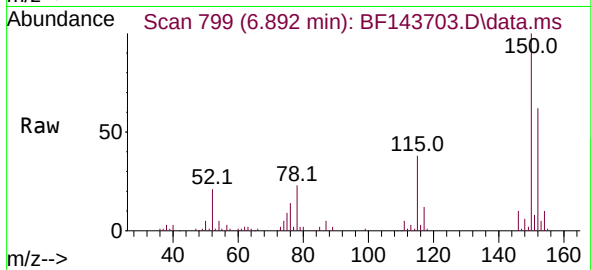
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



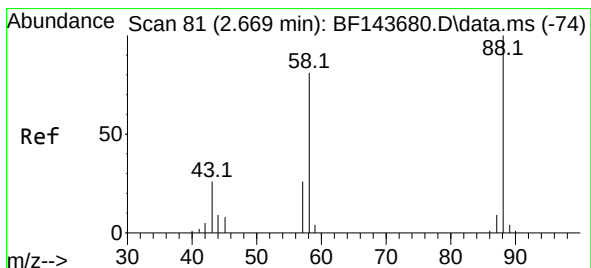
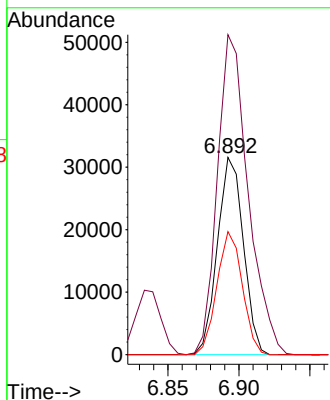
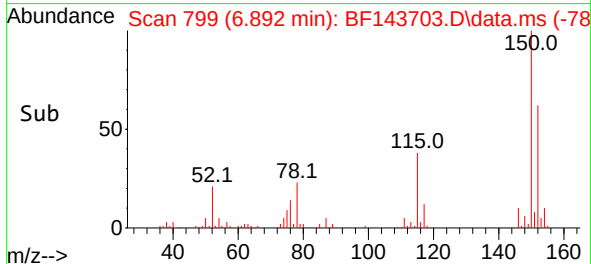
Tgt Ion:152 Resp: 40211
 Ion Ratio Lower Upper
 152 100
 150 162.2 130.7 196.1
 115 62.4 45.9 68.9

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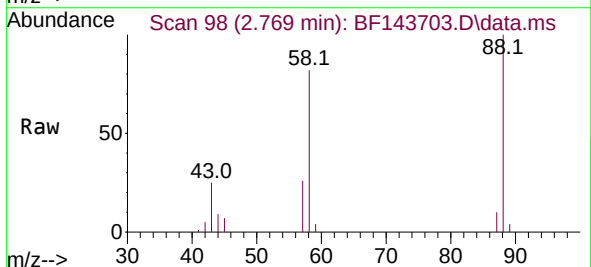
Reviewed By :Rahul
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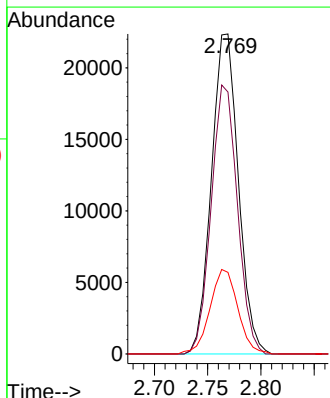
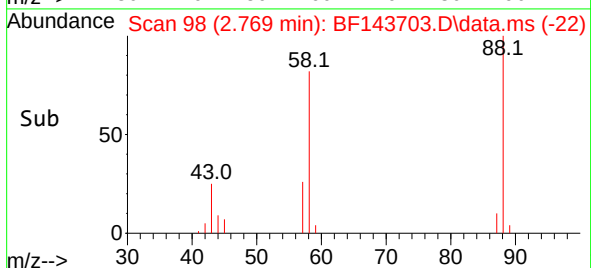
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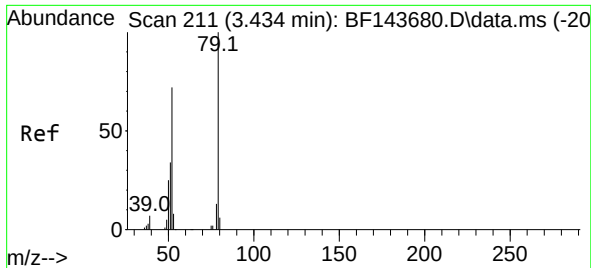


#2
 1,4-Dioxane
 Concen: 37.413 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.100 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29



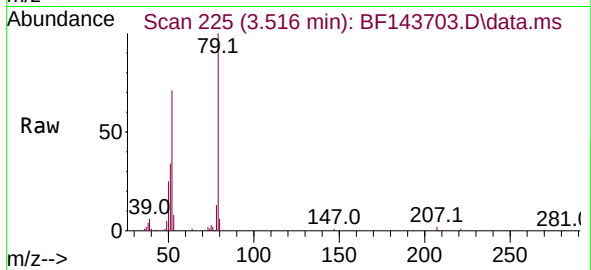
Tgt Ion: 88 Resp: 39333
 Ion Ratio Lower Upper
 88 100
 58 81.8 65.8 98.6
 43 27.2 20.6 31.0





#3
Pyridine
Concen: 37.690 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
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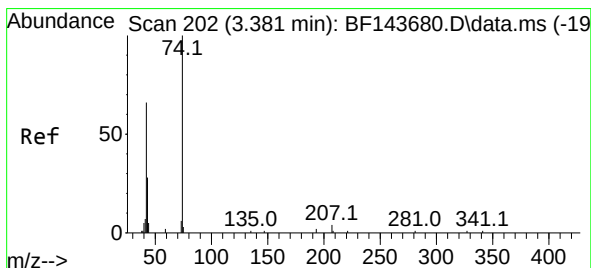
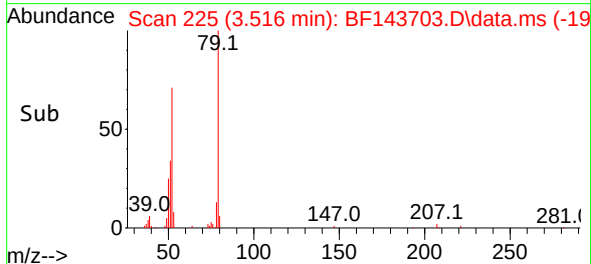
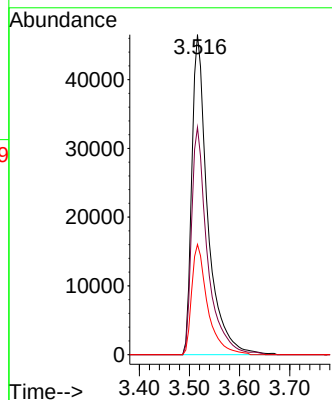
Tgt Ion: 79 Resp: 10235
Ion Ratio Lower Upper
79 100
52 71.0 57.2 85.8
51 34.4 27.0 40.6

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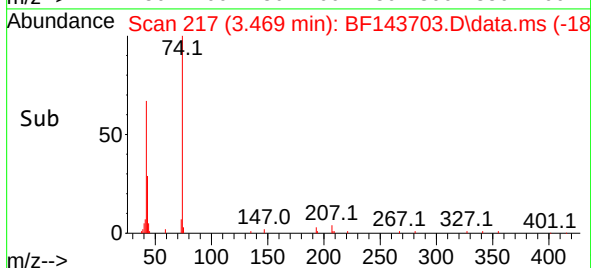
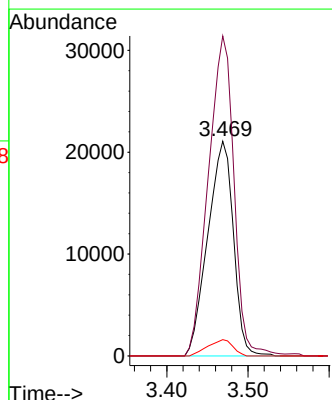
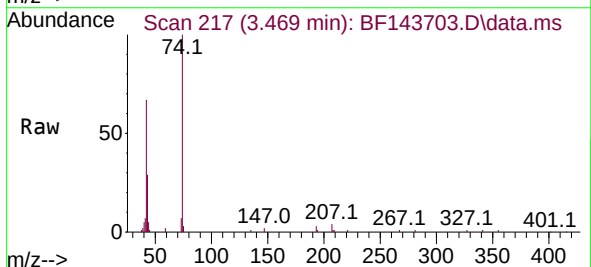
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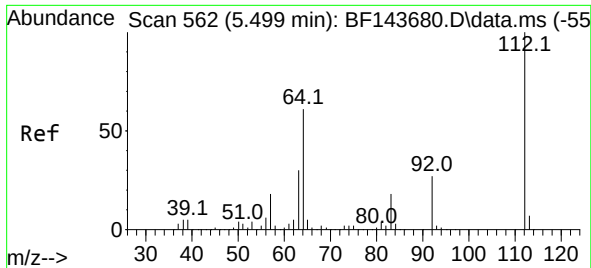
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#4
n-Nitrosodimethylamine
Concen: 44.803 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

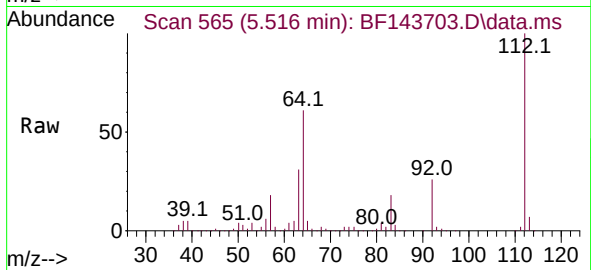
Tgt Ion: 42 Resp: 46219
Ion Ratio Lower Upper
42 100
74 149.1 120.9 181.3
44 7.5 6.5 9.7





#5
2-Fluorophenol
Concen: 123.667 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

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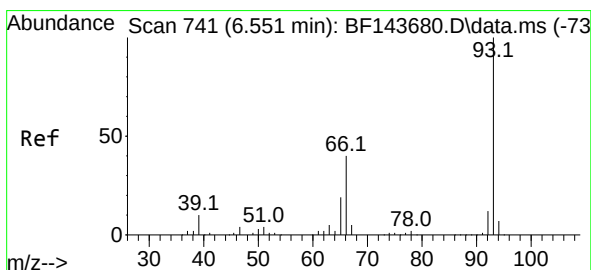
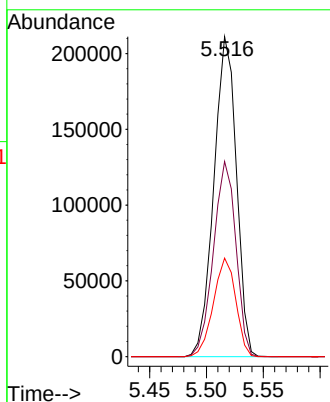
Tgt Ion:112 Resp: 291463
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 30.8 24.3 36.5

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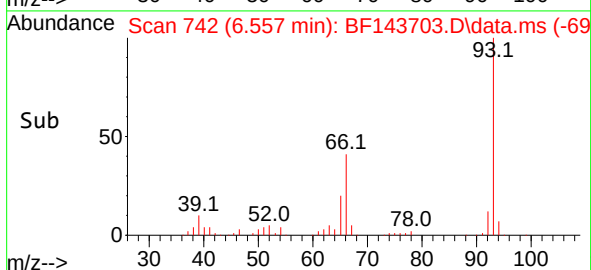
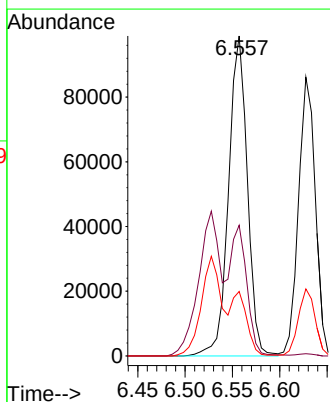
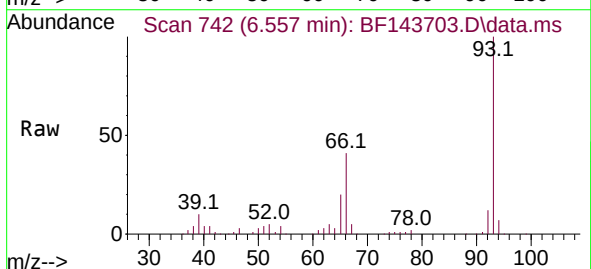
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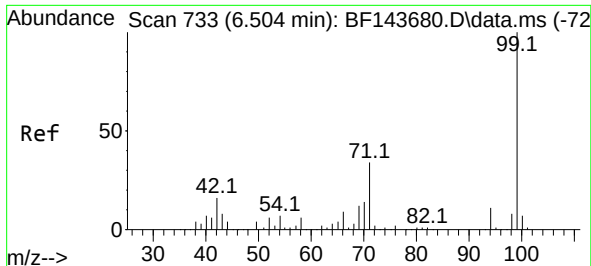
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#6
Aniline
Concen: 35.934 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 93 Resp: 136579
Ion Ratio Lower Upper
93 100
66 40.8 34.1 51.1
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 123.125 ng

RT: 6.516 min Scan# 734

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion: 99 Resp: 353336

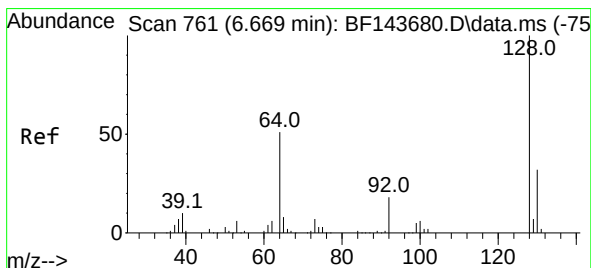
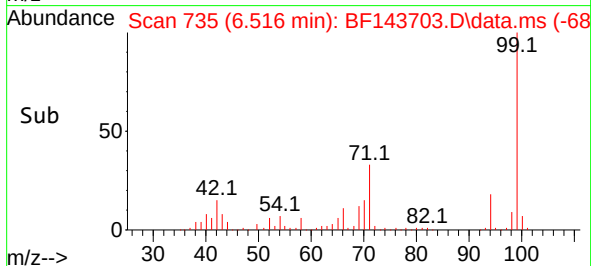
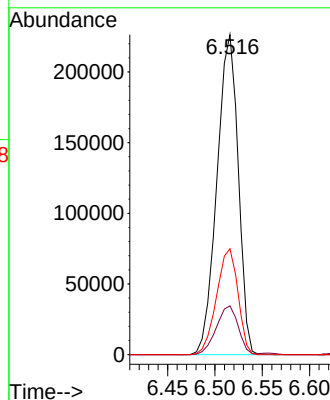
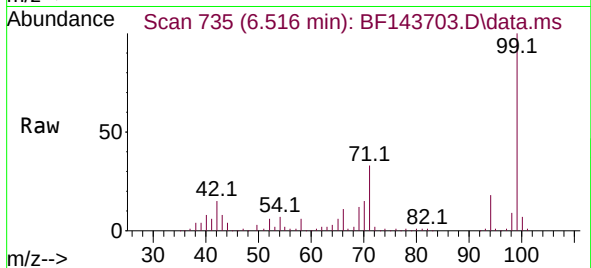
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.0	19.4
71	33.1	27.4	41.2

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#8

2-Chlorophenol

Concen: 44.868 ng

RT: 6.675 min Scan# 762

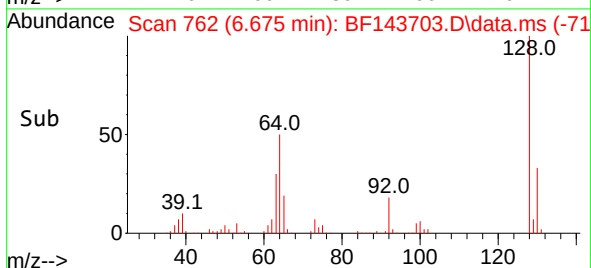
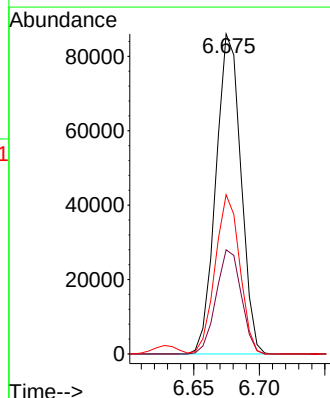
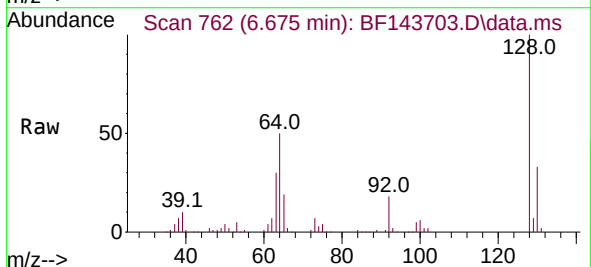
Delta R.T. 0.006 min

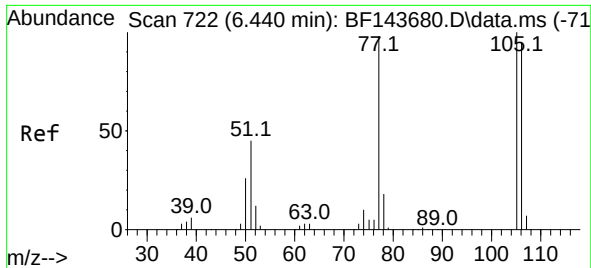
Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:128 Resp: 114210

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	49.7	31.9	71.9





#9
Benzaldehyde
Concen: 20.368 ng
RT: 6.445 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF143703.D
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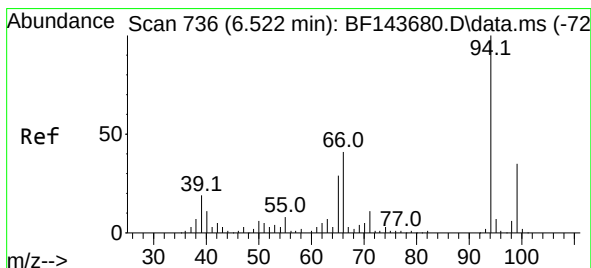
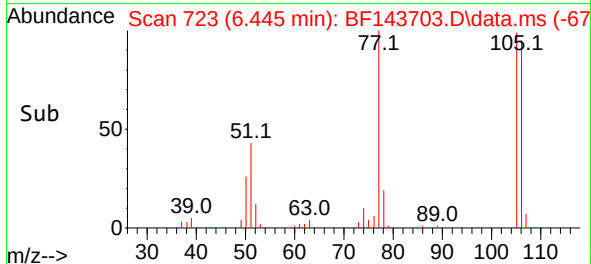
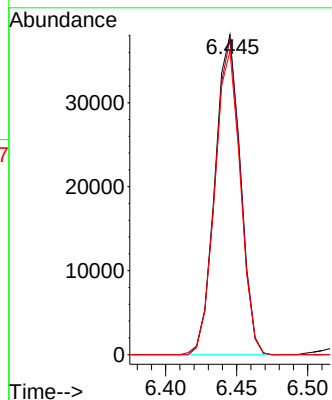
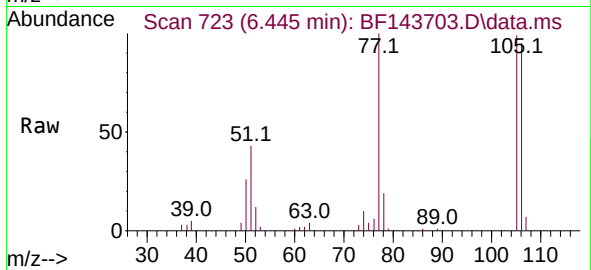
Tgt Ion: 77 Resp: 47158
Ion Ratio Lower Upper
77 100
105 98.6 81.7 121.7
106 94.9 76.9 116.9

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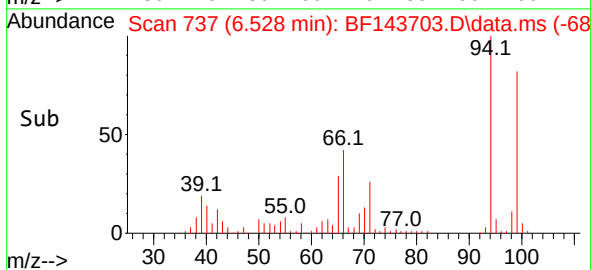
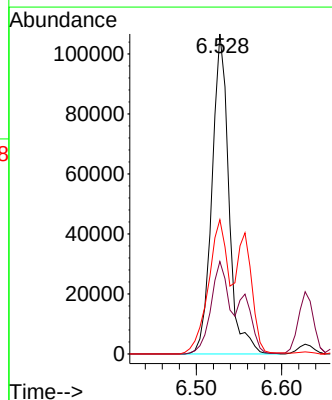
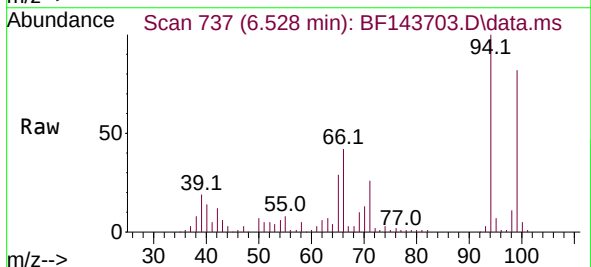
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Supervised By :Jagrut
Upadhyay

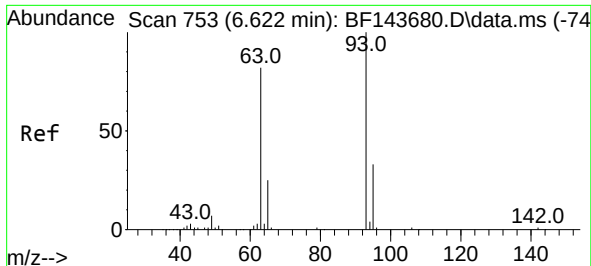
09/12/2025



#10
Phenol
Concen: 46.287 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 94 Resp: 146830
Ion Ratio Lower Upper
94 100
65 28.9 9.1 49.1
66 41.9 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 44.431 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

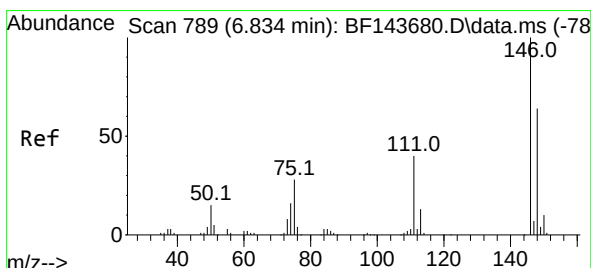
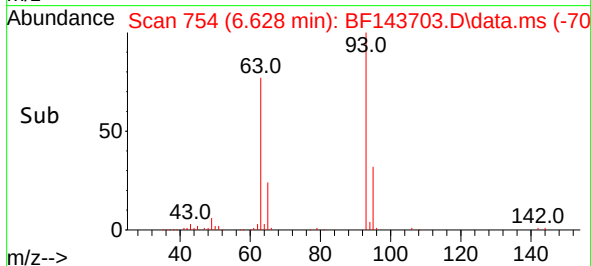
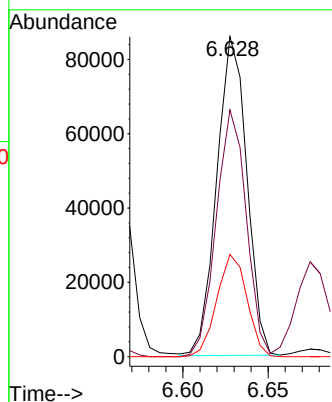
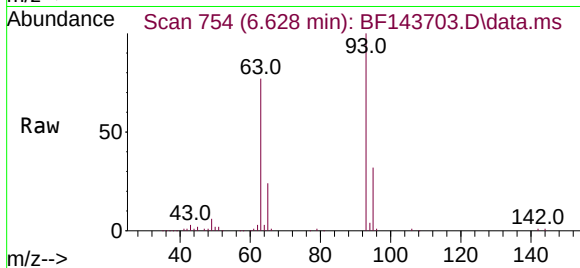
Tgt Ion: 93 Resp: 105263
Ion Ratio Lower Upper
93 100
63 77.1 61.8 101.8
95 31.9 12.6 52.6

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Reviewed By :Rahul
Chavli

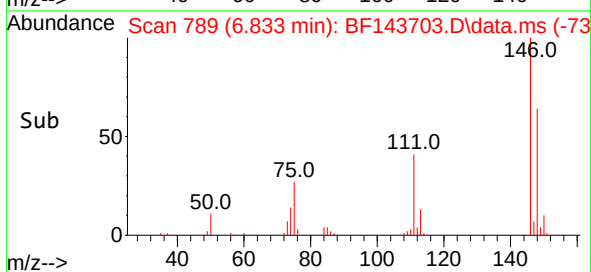
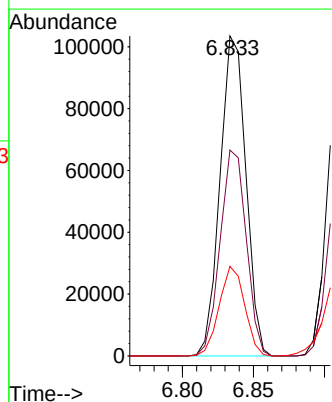
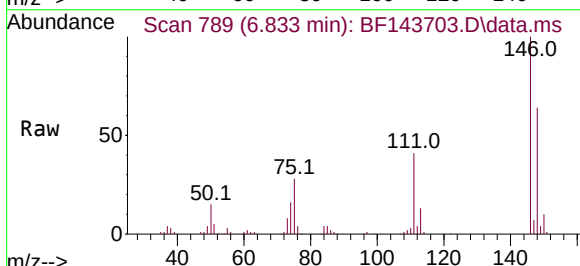
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Supervised By :Jagrut
Upadhyay

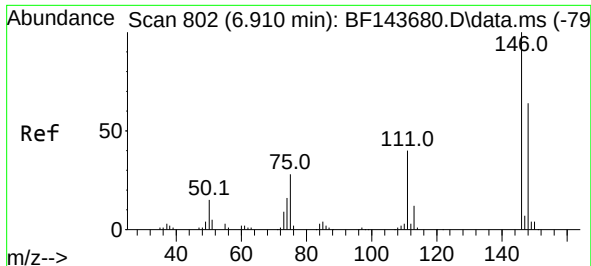
09/12/2025



#12
1,3-Dichlorobenzene
Concen: 44.979 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

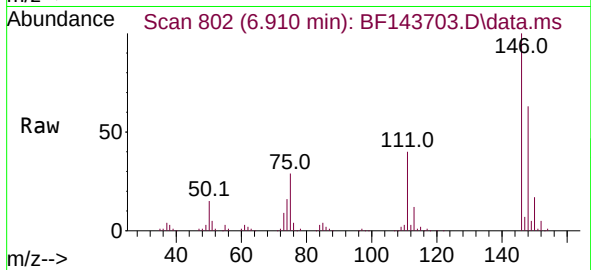
Tgt Ion:146 Resp: 130943
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 28.0 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 45.776 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



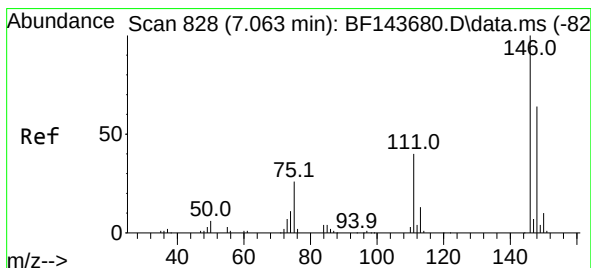
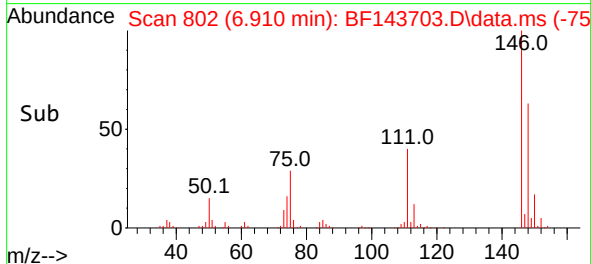
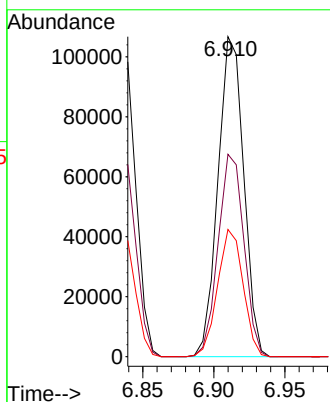
Tgt Ion:146 Resp: 134506
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 39.7 31.8 47.8

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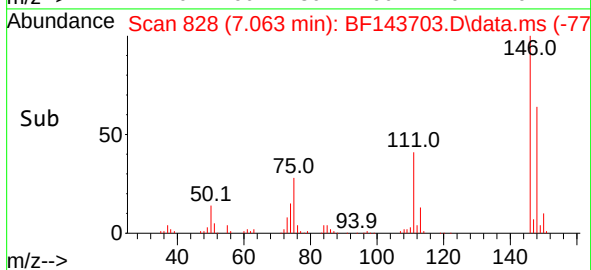
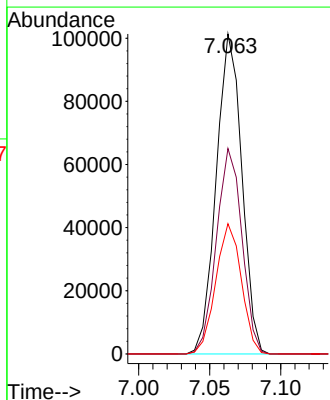
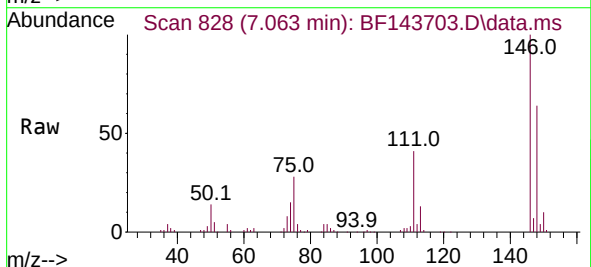
09/12/2025
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Upadhyay

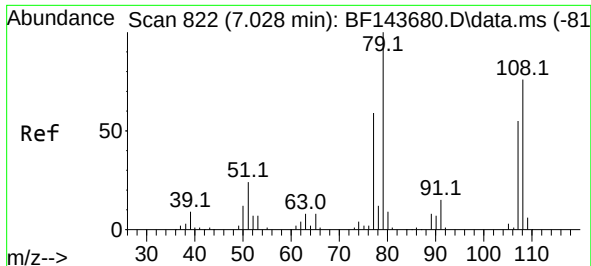
09/12/2025



#14
1,2-Dichlorobenzene
Concen: 45.879 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:146 Resp: 127305
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 40.7 32.3 48.5





#15
Benzyl Alcohol
Concen: 46.435 ng
RT: 7.033 min Scan# 822
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

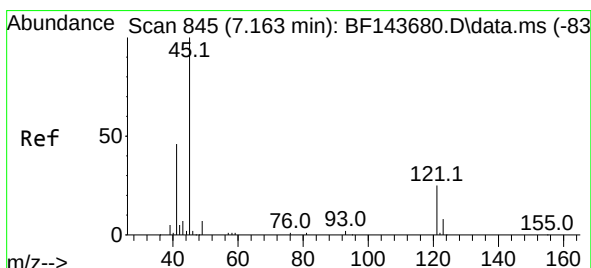
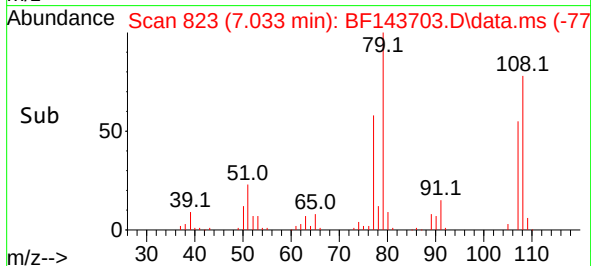
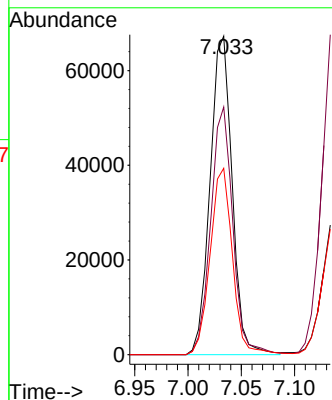
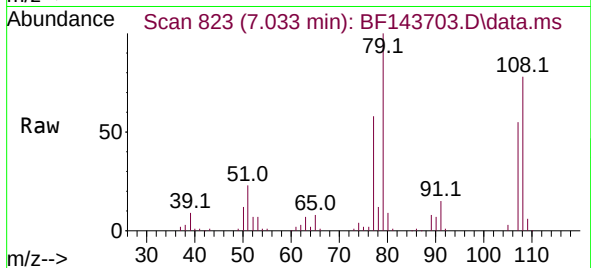
Tgt Ion: 79 Resp: 96930
Ion Ratio Lower Upper
79 100
108 77.7 60.9 91.3
77 58.5 47.4 71.2

Manual Integrations
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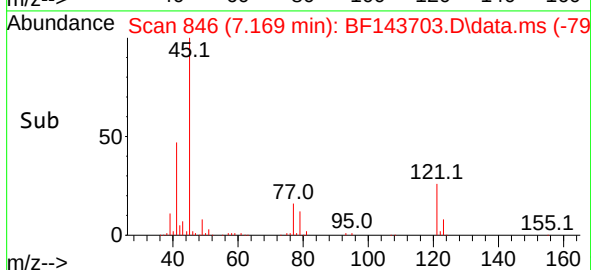
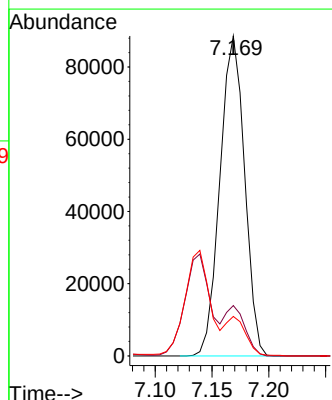
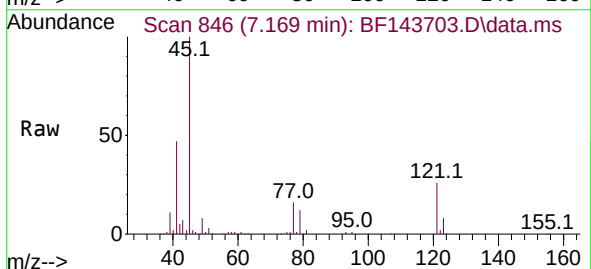
09/12/2025
Supervised By :Jagrut
Upadhyay

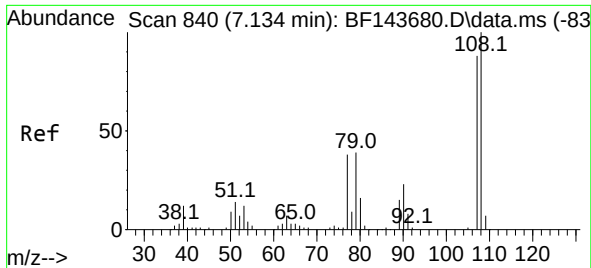
09/12/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.003 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 45 Resp: 133290
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.6
79 12.3 0.0 31.3





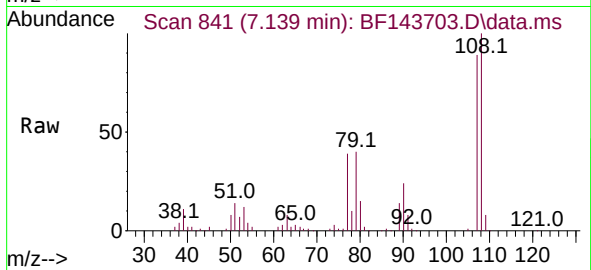
#17
2-Methylphenol
Concen: 45.516 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



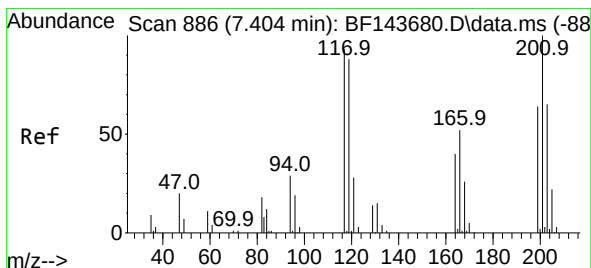
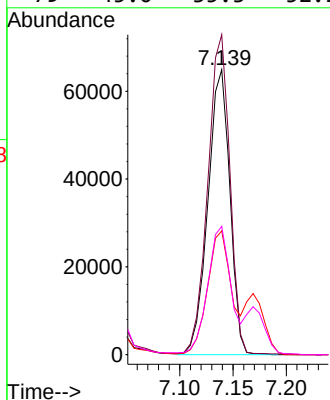
Tgt Ion:	107	Resp:	93201
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	43.5	34.4	51.6
79	45.0	35.3	52.9

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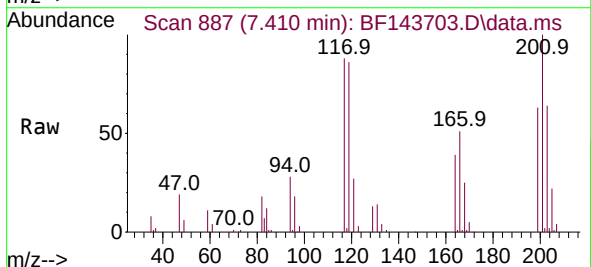
Reviewed By :Rahul
Chavli

09/12/2025
Supervised By :Jagrut
Upadhyay

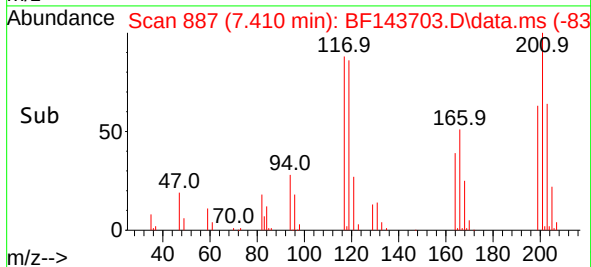
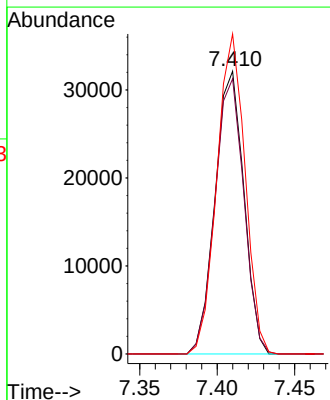
09/12/2025

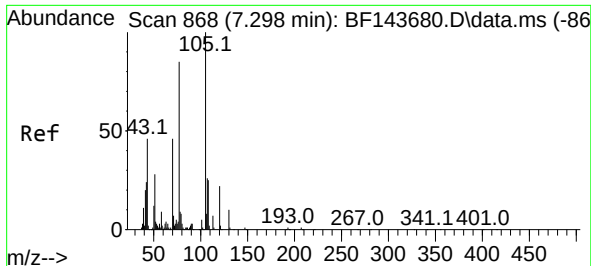


#18
Hexachloroethane
Concen: 43.703 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29



Tgt Ion:	117	Resp:	41482
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.2
201	113.2	86.4	129.6





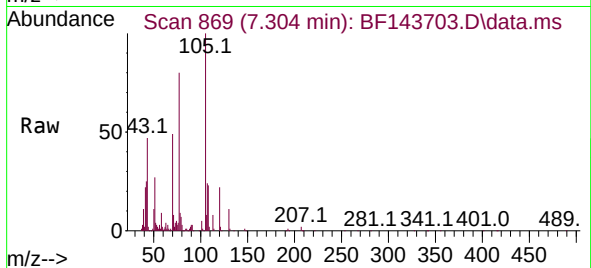
#19
n-Nitroso-di-n-propylamine
Concen: 45.448 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



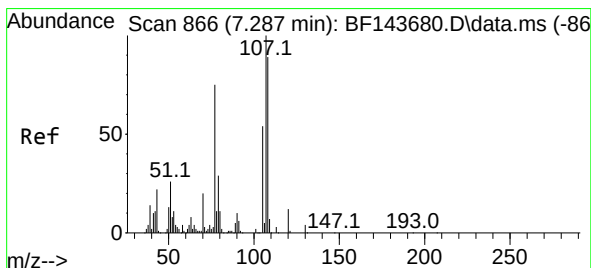
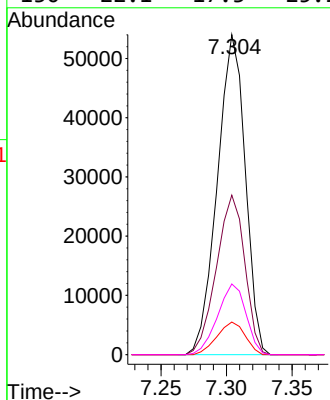
Tgt Ion:	70	Resp:	80100
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.4	62.2
101	10.2	8.1	12.1
130	22.1	17.3	25.9

Manual Integrations
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Reviewed By :Rahul
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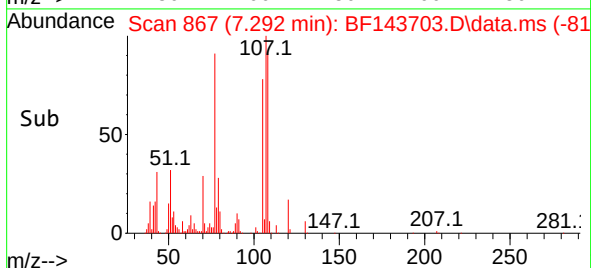
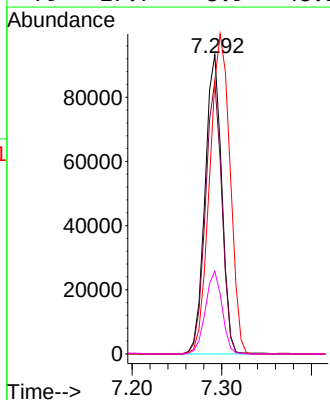
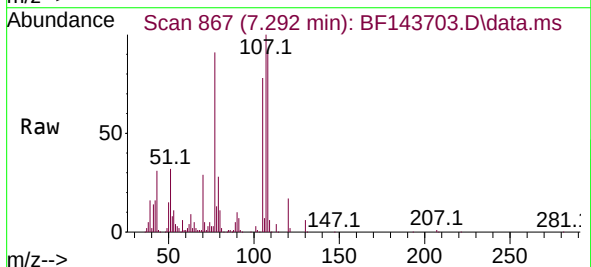
09/12/2025
Supervised By :Jagrut
Upadhyay

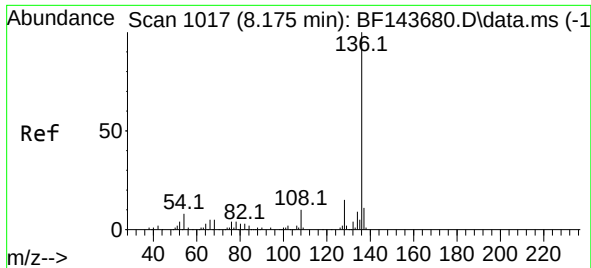
09/12/2025



#20
3+4-Methylphenols
Concen: 44.594 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

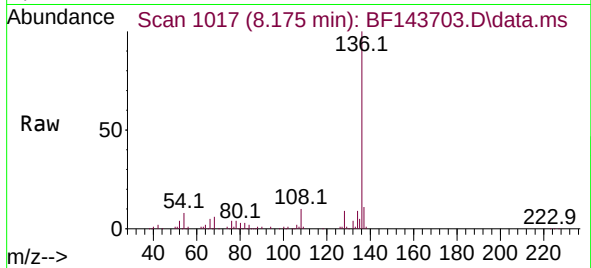
Tgt Ion:	107	Resp:	120245
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.6	108.6
77	91.3	54.6	94.6
79	27.7	8.9	48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



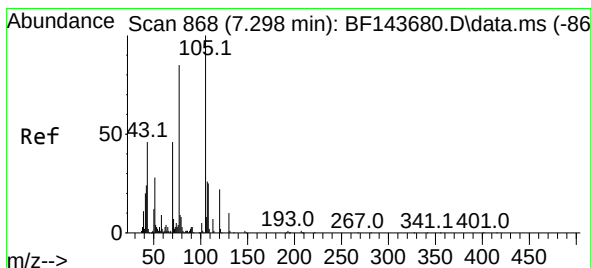
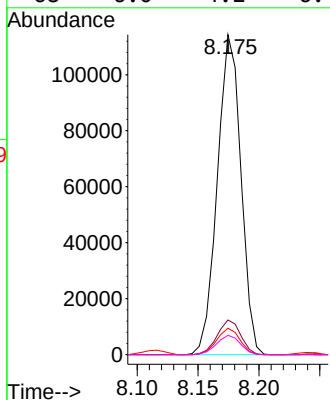
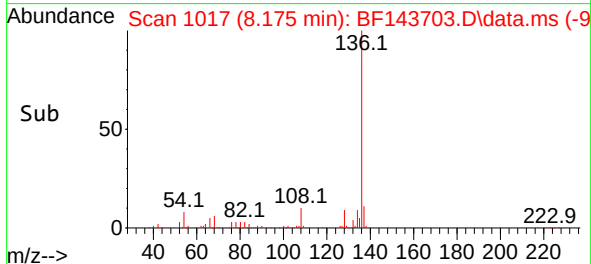
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	6.2	9.2
68	6.0	4.2	6.4

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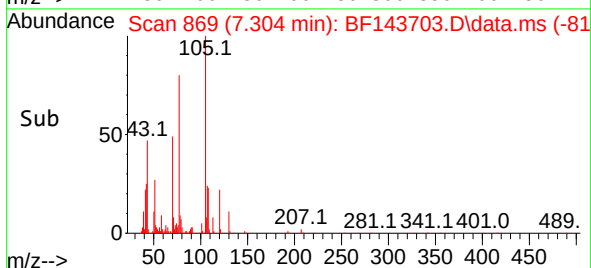
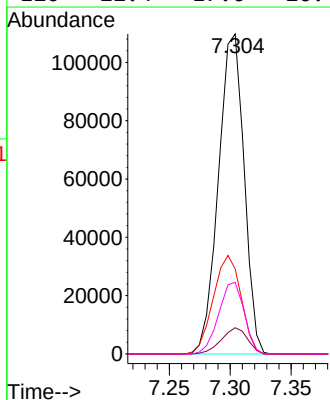
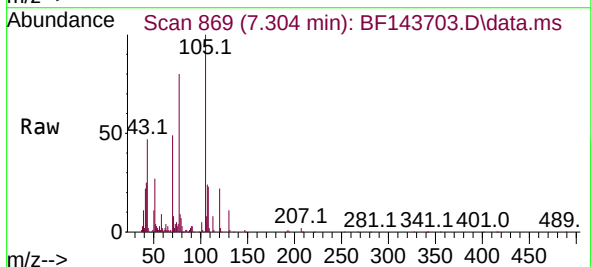
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Upadhyay

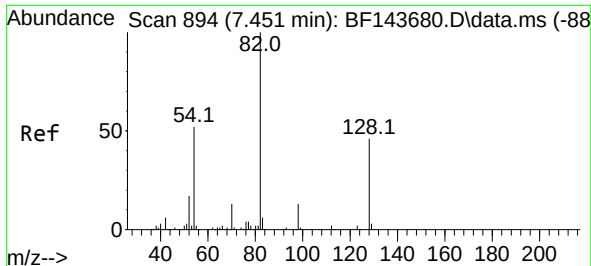
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#22
Acetophenone
Concen: 46.240 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	26.6	22.4	33.6
120	22.4	17.6	26.4





#23

Nitrobenzene-d5

Concen: 86.258 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:	82	Resp:	213709
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.4
54	51.1	41.8	62.8

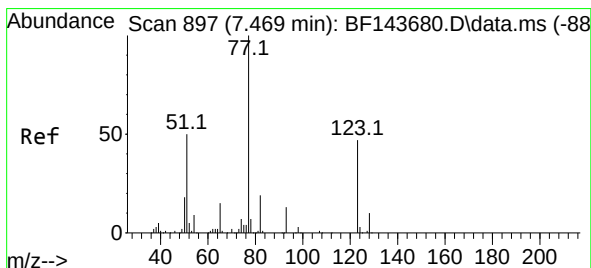
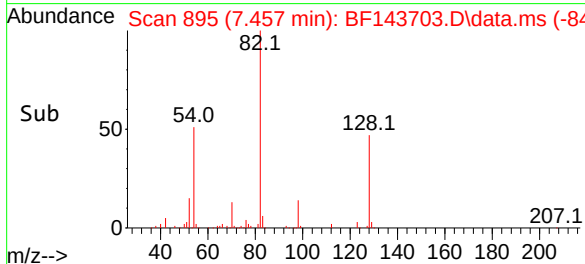
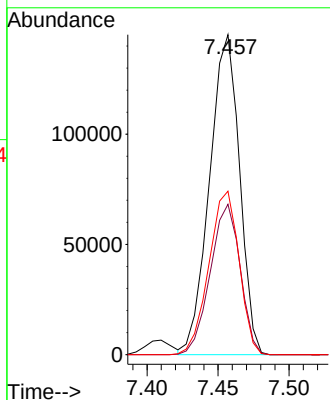
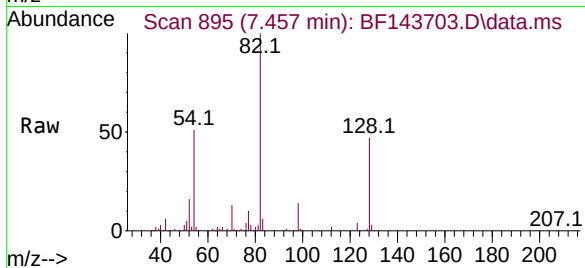
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Chavli

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Upadhyay

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#24

Nitrobenzene

Concen: 43.914 ng

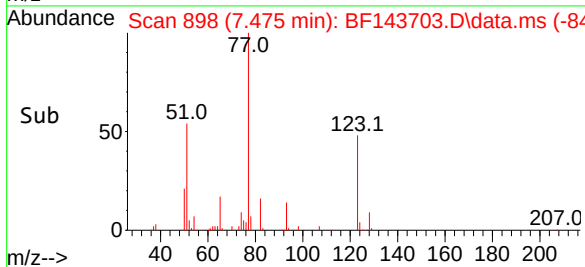
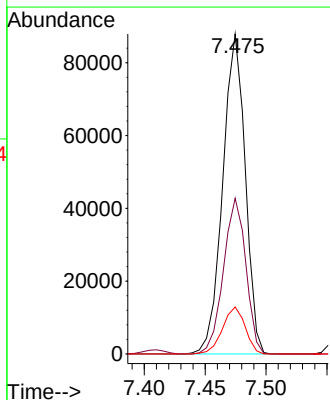
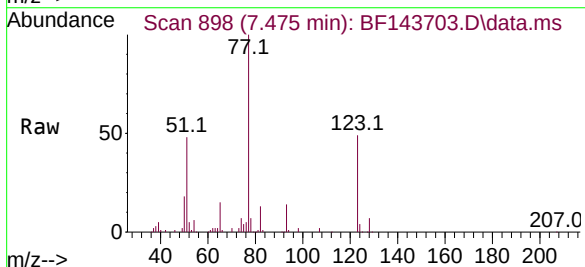
RT: 7.475 min Scan# 898

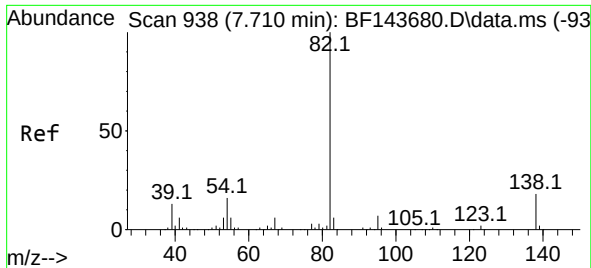
Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

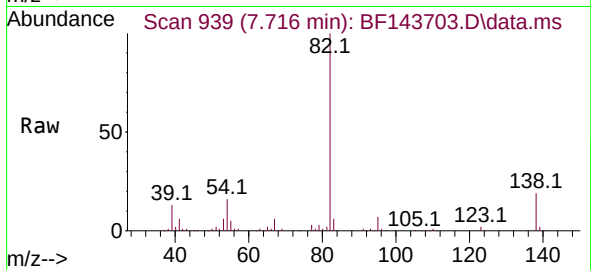
Tgt Ion:	77	Resp:	112809
Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.4	56.0
65	14.7	11.6	17.4





#25
Isophorone
Concen: 45.397 ng
RT: 7.716 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



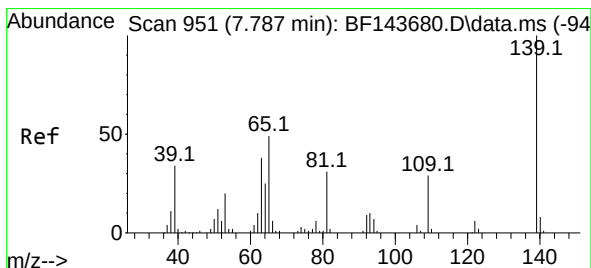
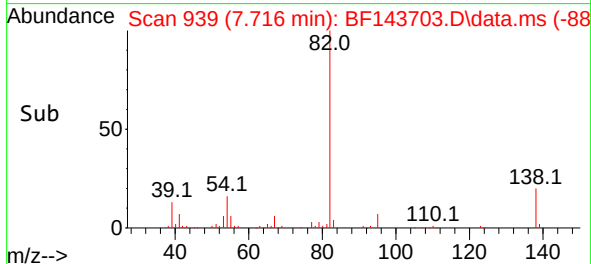
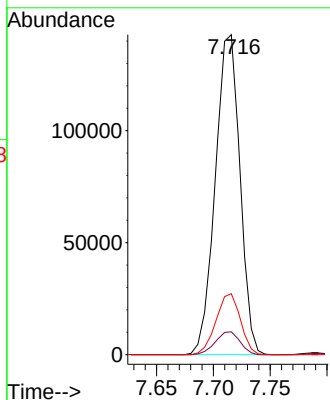
Tgt Ion: 82 Resp: 215669
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 14.8 22.2

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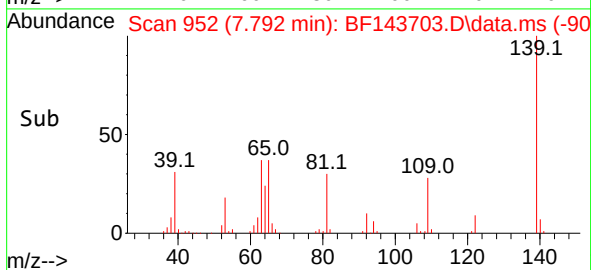
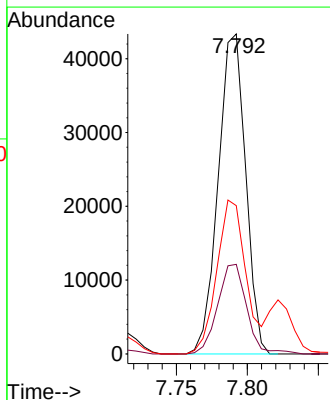
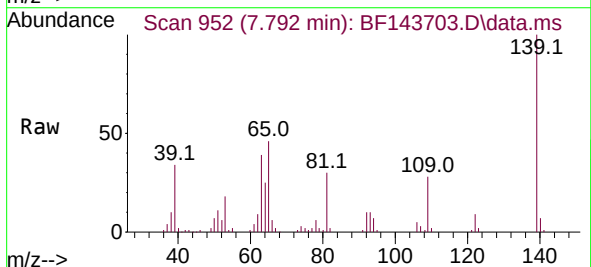
09/12/2025
Supervised By :Jagrut
Upadhyay

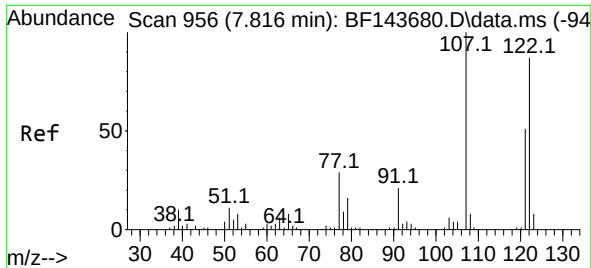
09/12/2025



#26
2-Nitrophenol
Concen: 46.214 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:139 Resp: 58371
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 46.3 39.2 58.8





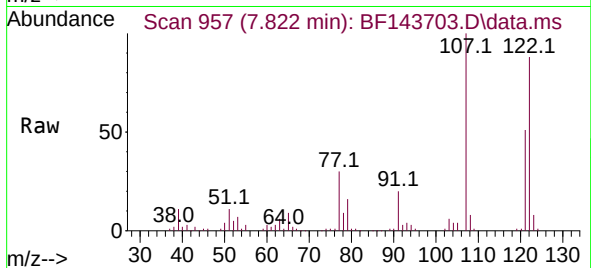
#27
2,4-Dimethylphenol
Concen: 49.146 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



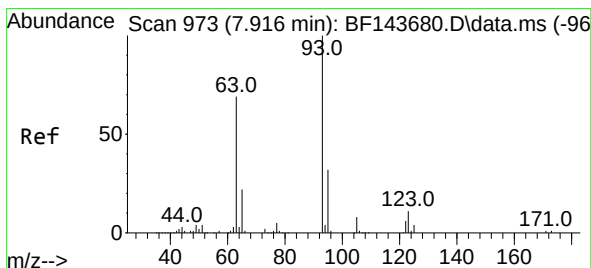
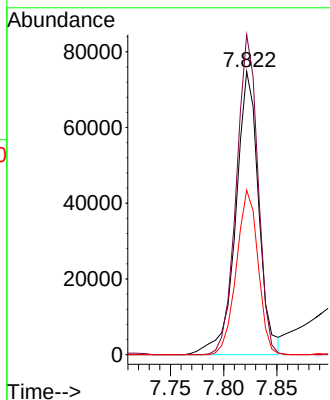
Tgt Ion:122 Resp: 111435
Ion Ratio Lower Upper
122 100
107 113.0 92.1 138.1
121 58.1 46.9 70.3

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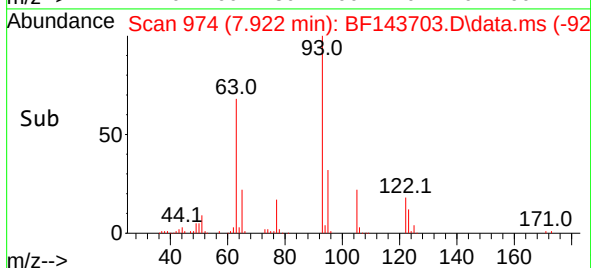
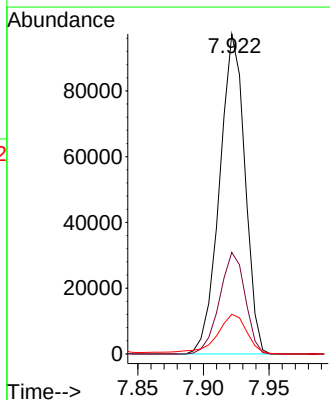
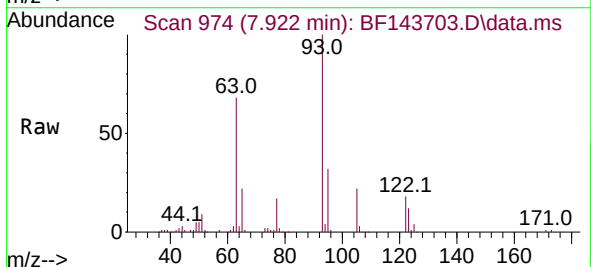
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Upadhyay

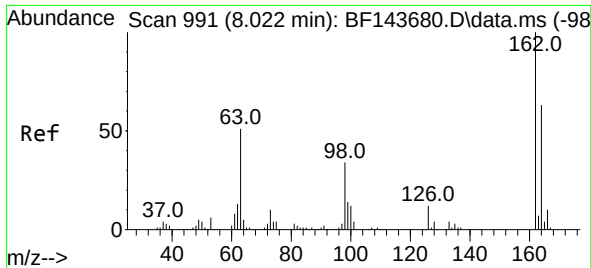
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#28
bis(2-Chloroethoxy)methane
Concen: 44.975 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

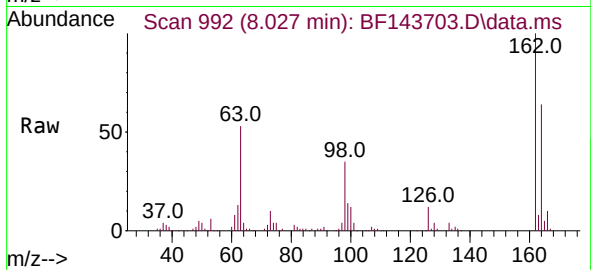
Tgt Ion: 93 Resp: 131305
Ion Ratio Lower Upper
93 100
95 31.7 26.0 39.0
123 12.4 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 44.466 ng
RT: 8.027 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
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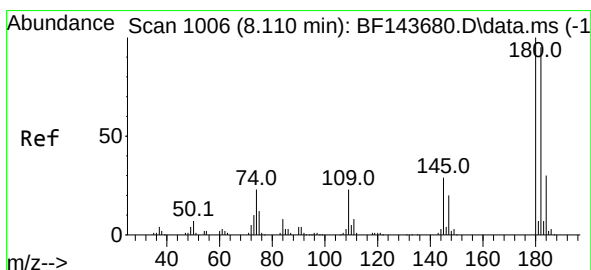
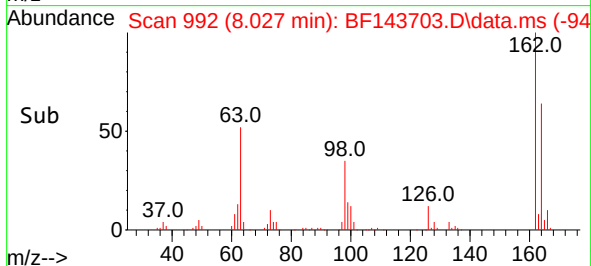
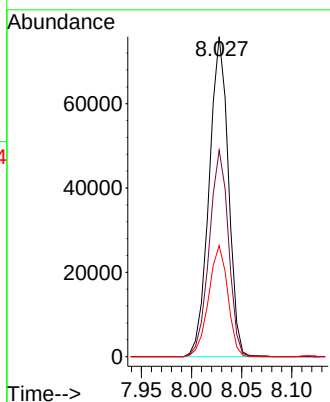
Tgt Ion:162 Resp: 101421
Ion Ratio Lower Upper
162 100
164 64.5 43.0 83.0
98 34.7 13.8 53.8

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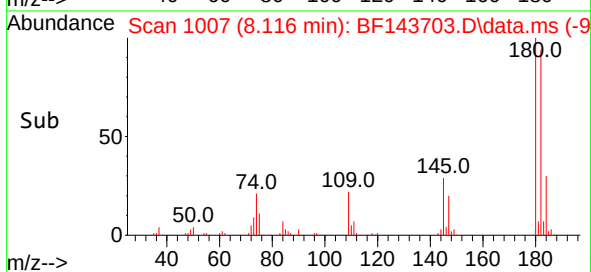
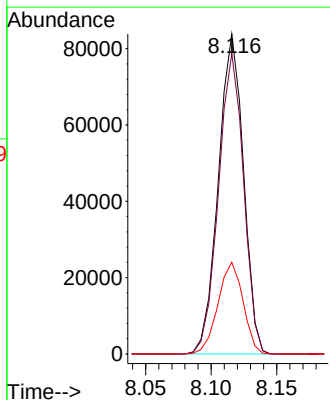
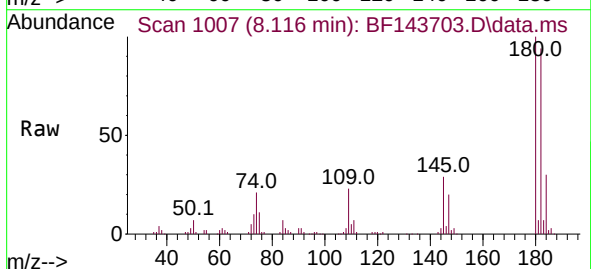
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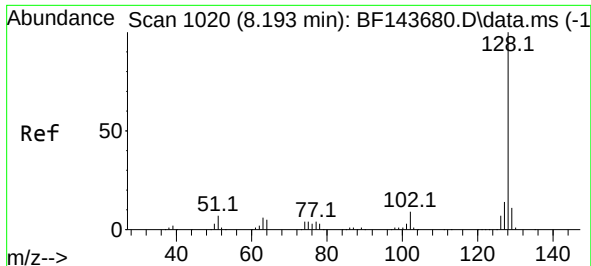
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#30
1,2,4-Trichlorobenzene
Concen: 47.308 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

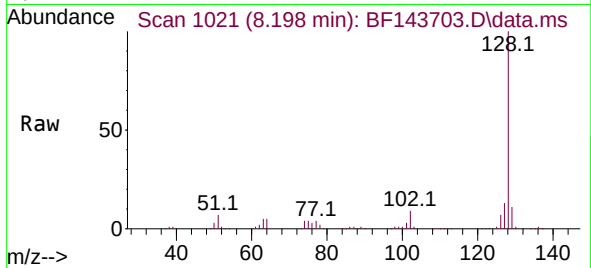
Tgt Ion:180 Resp: 111788
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.4
145 28.6 23.2 34.8





#31
Naphthalene
Concen: 44.695 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



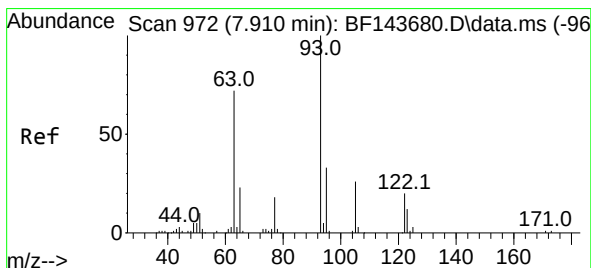
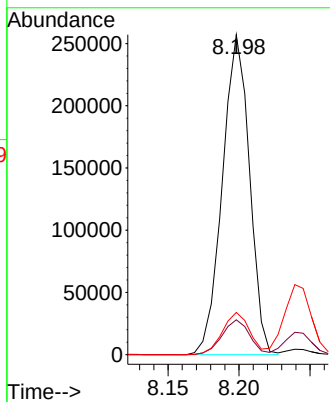
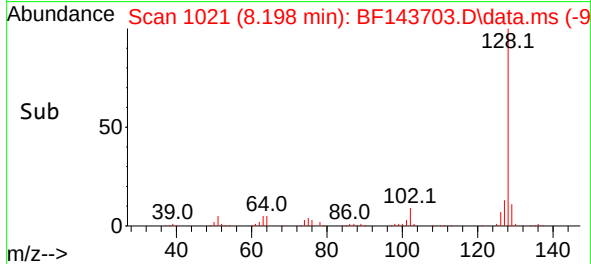
Tgt Ion:128 Resp: 340959
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

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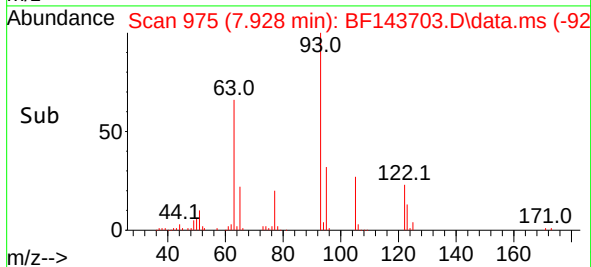
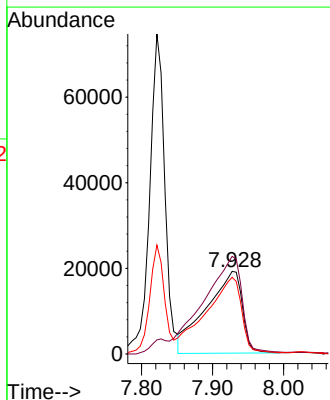
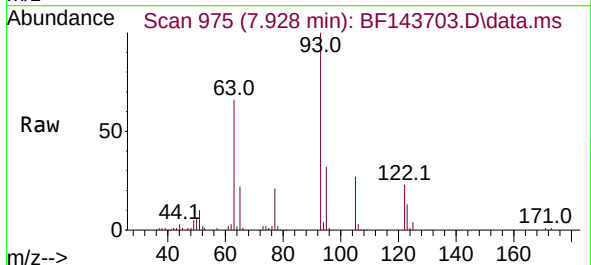
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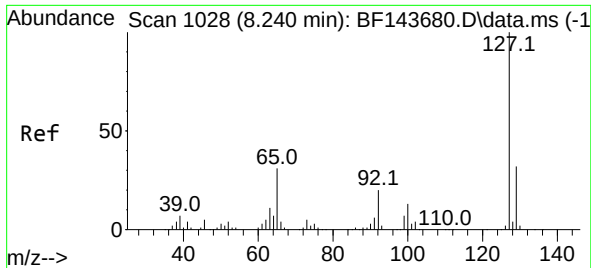
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#32
Benzoic acid
Concen: 49.013 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:122 Resp: 67802
Ion Ratio Lower Upper
122 100
105 118.2 105.2 145.2
77 92.8 72.0 112.0





#33
4-Chloroaniline
Concen: 28.405 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:127 Resp: 75435
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 32.4 24.6 36.8
92 19.5 16.3 24.5

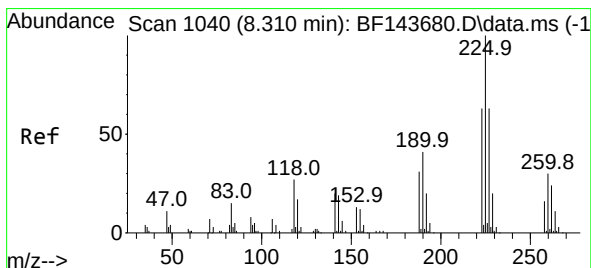
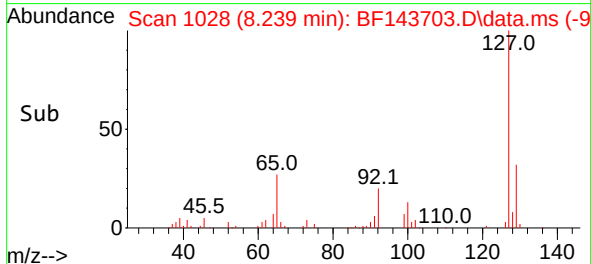
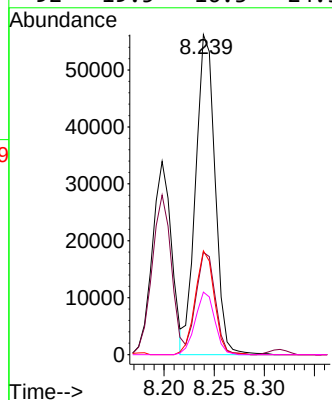
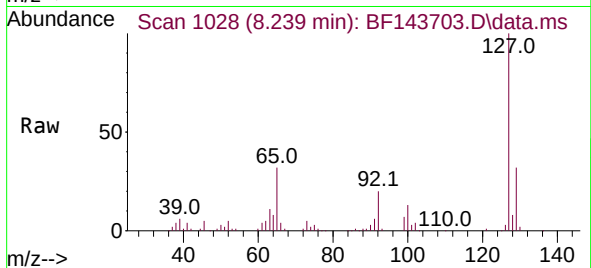
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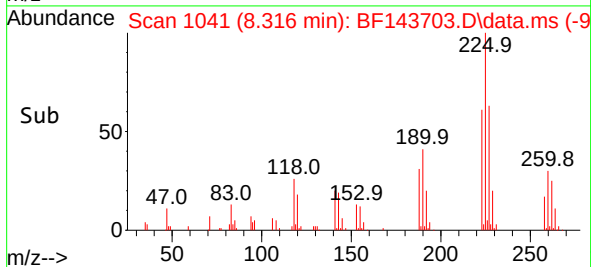
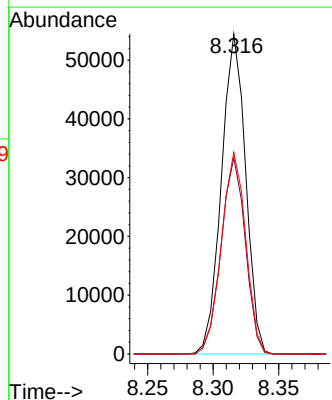
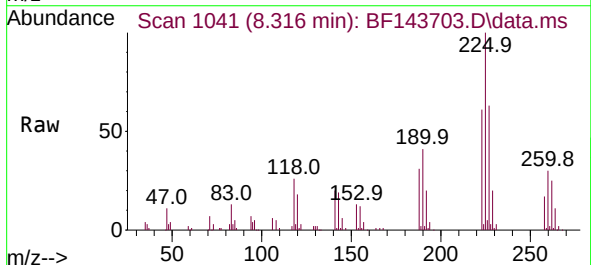
Supervised By :Jagrut
Upadhyay

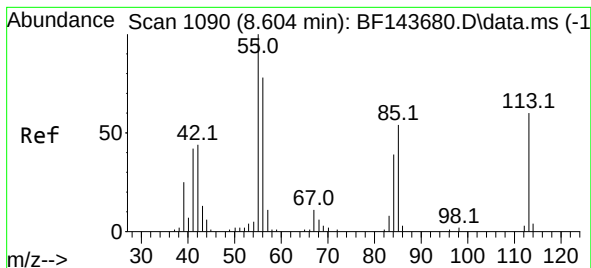
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#34
Hexachlorobutadiene
Concen: 45.403 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:225 Resp: 69978
Ion Ratio Lower Upper
225 100
223 61.3 50.6 76.0
227 63.0 50.8 76.2





#35
 Caprolactam
 Concen: 45.509 ng m
 RT: 8.610 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

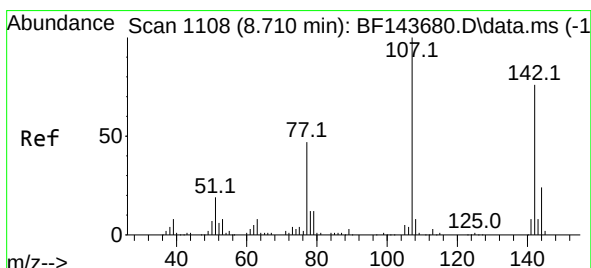
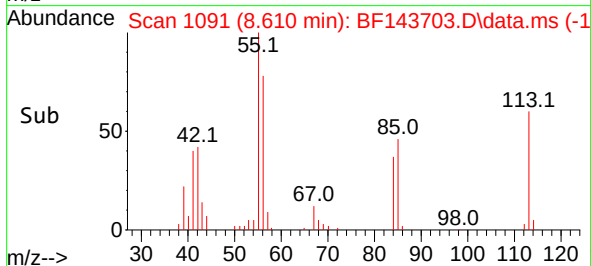
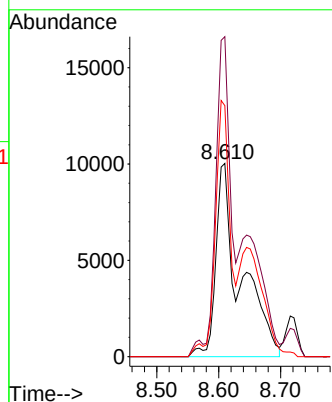
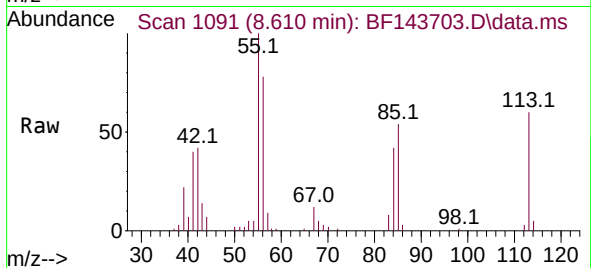
Tgt Ion:113 Resp: 2762
 Ion Ratio Lower Upper
 113 100
 55 165.7 148.9 188.9
 56 130.0 112.8 152.8

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 Chavli

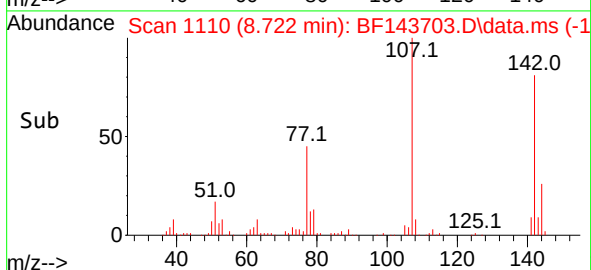
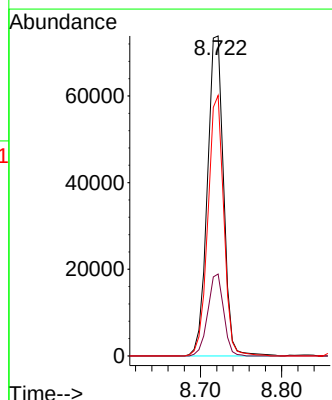
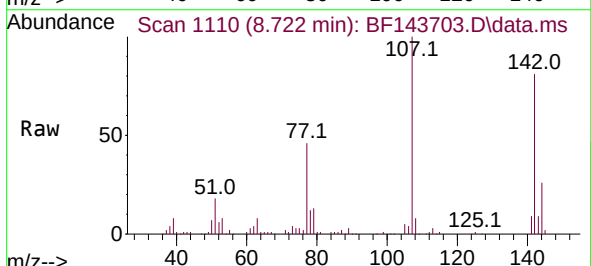
09/12/2025
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 Upadhyay

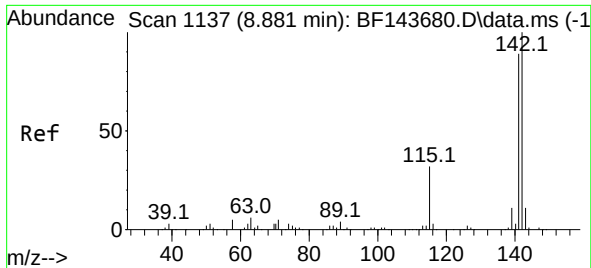
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#36
 4-Chloro-3-methylphenol
 Concen: 45.525 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.011 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Tgt Ion:107 Resp: 102384
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.4 29.2
 142 81.4 60.6 91.0





#37
2-Methylnaphthalene
Concen: 40.368 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

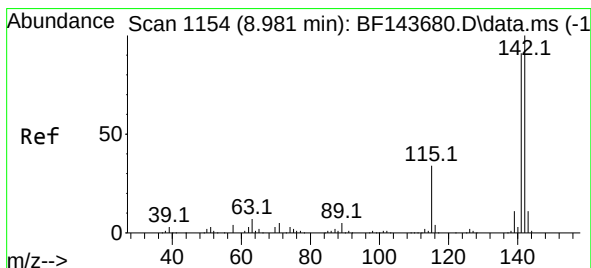
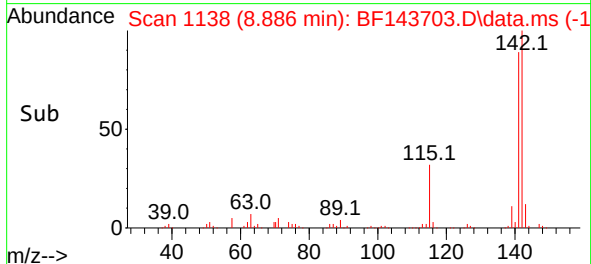
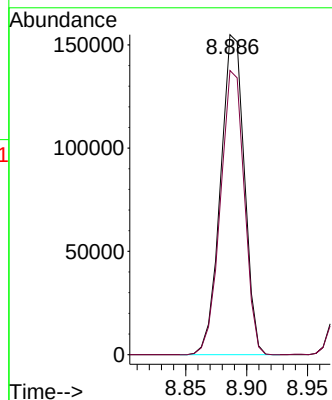
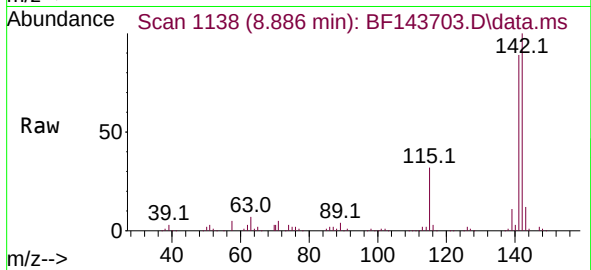
Tgt Ion:142 Resp: 21080
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

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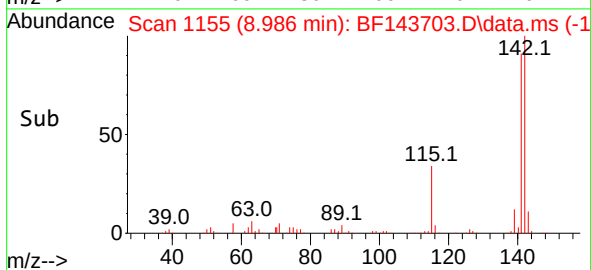
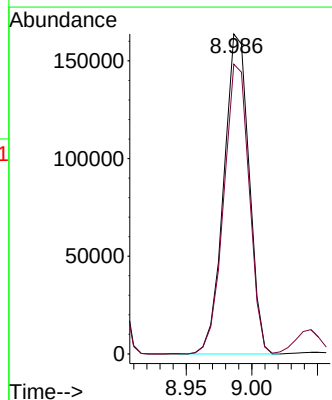
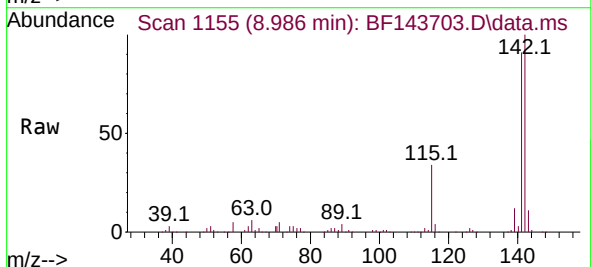
09/12/2025
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Upadhyay

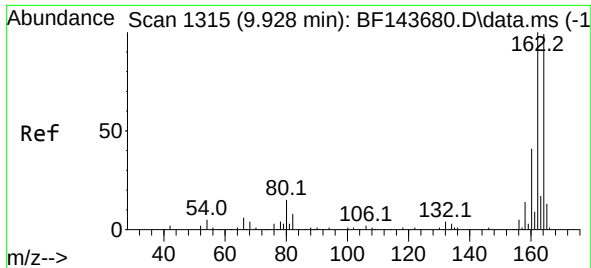
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#38
1-Methylnaphthalene
Concen: 43.782 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:142 Resp: 219412
Ion Ratio Lower Upper
142 100
141 90.5 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF143703.D

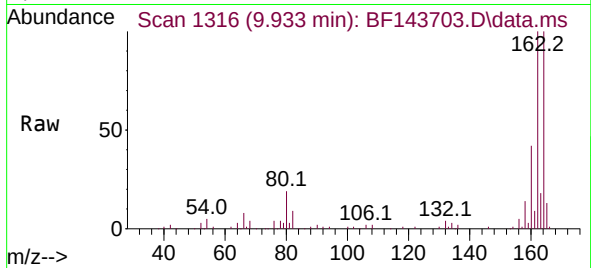
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



Tgt Ion:164 Resp: 87739

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 42.5 33.0 49.4

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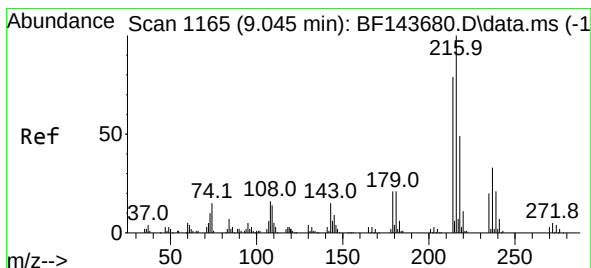
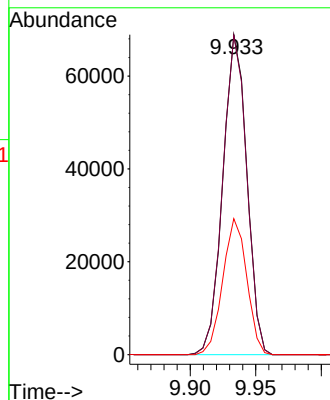
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.785 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:216 Resp: 112492

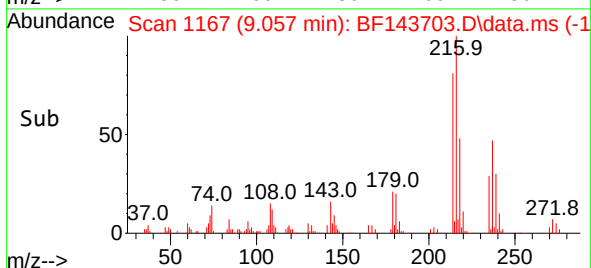
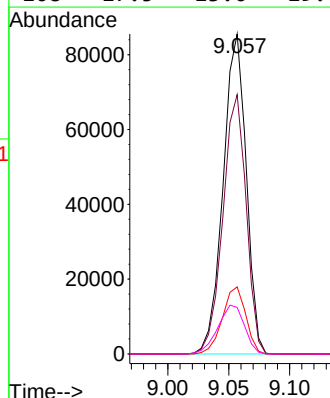
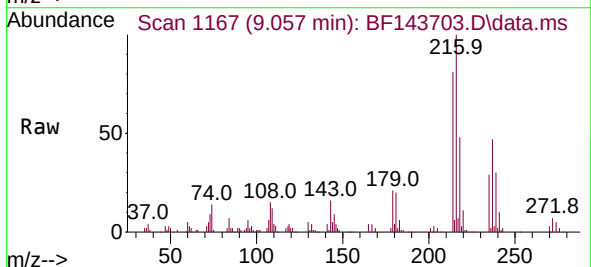
Ion Ratio Lower Upper

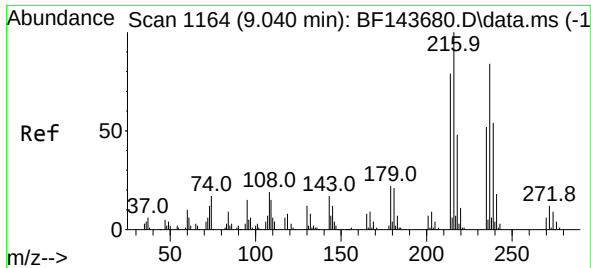
216 100

214 81.5 63.2 94.8

179 21.2 16.8 25.2

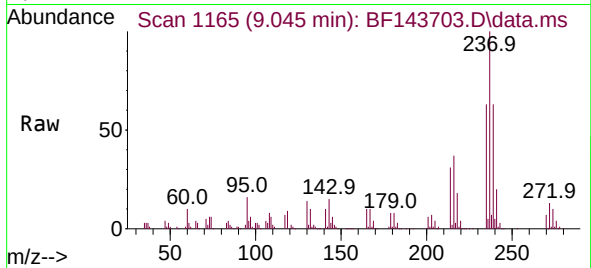
108 17.5 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 121.163 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



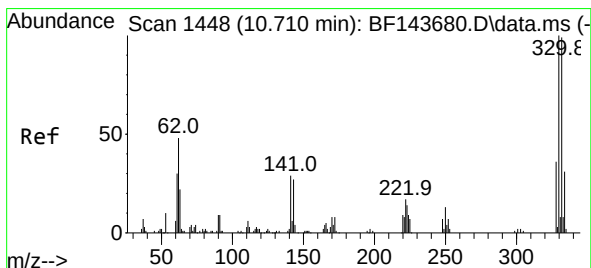
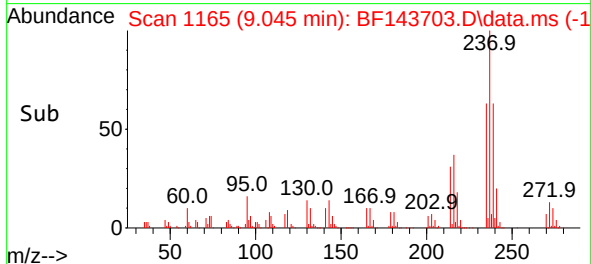
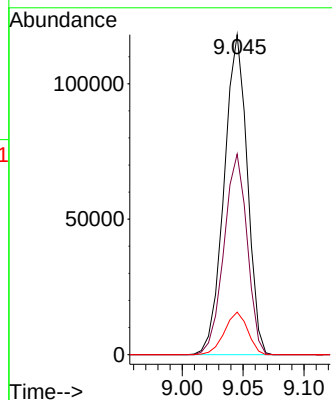
Tgt Ion: 237 Resp: 15624
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.3 0.0 33.9

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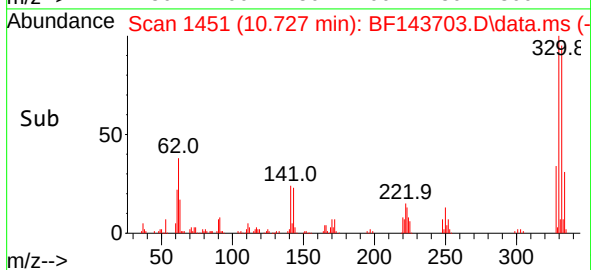
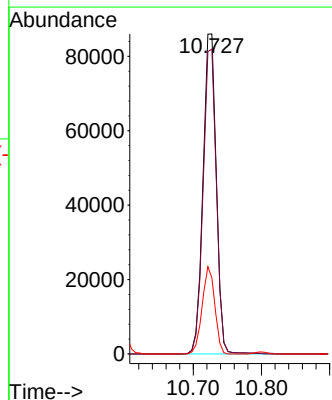
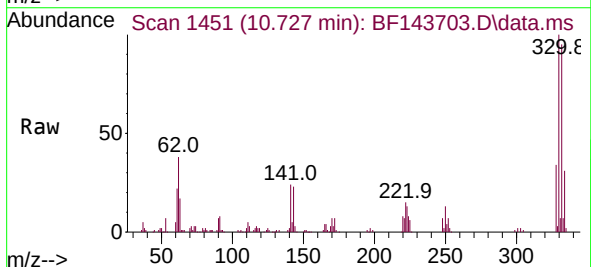
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Supervised By :Jagrut
Upadhyay

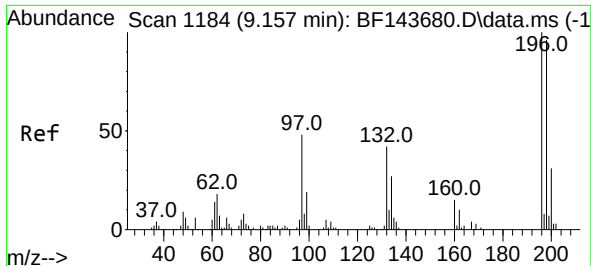
09/12/2025



#42
2,4,6-Tribromophenol
Concen: 131.675 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 330 Resp: 116429
Ion Ratio Lower Upper
330 100
332 95.0 79.2 118.8
141 25.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 46.602 ng

RT: 9.163 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:196 Resp: 78163
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.5 114.7
 200 30.1 24.5 36.7

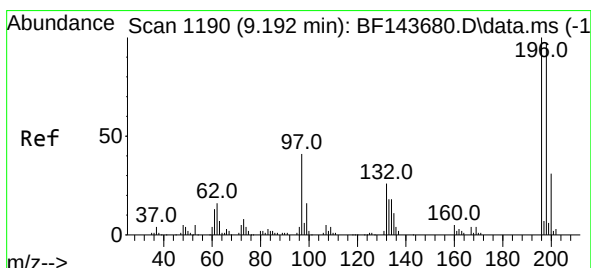
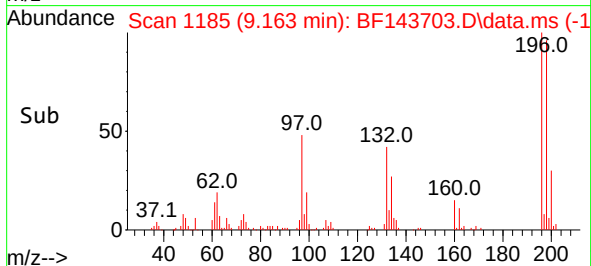
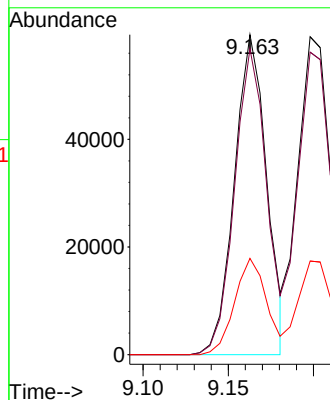
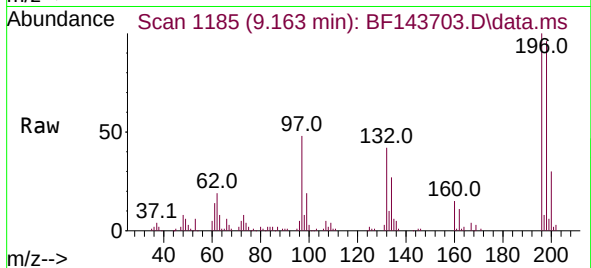
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 Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 46.991 ng

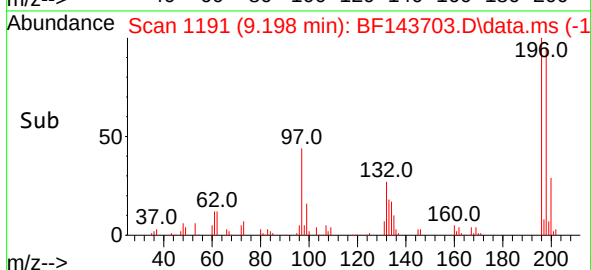
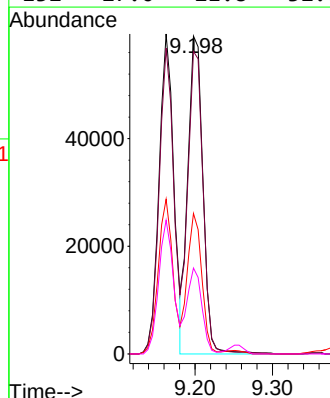
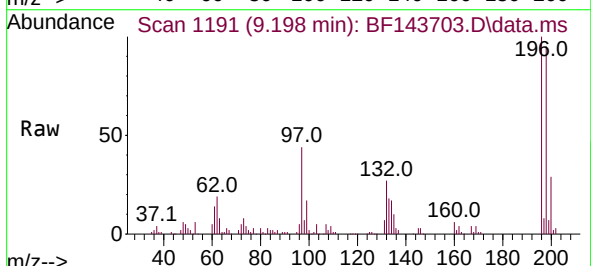
RT: 9.198 min Scan# 1191

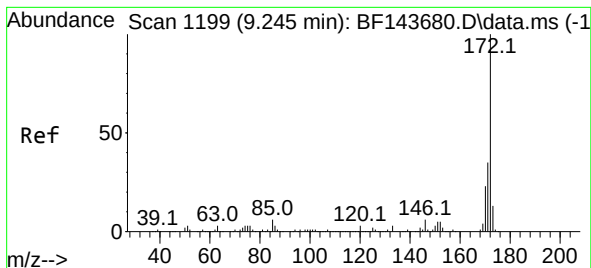
Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:196 Resp: 80125
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.6
 97 44.1 34.2 51.4
 132 27.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 85.516 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:172 Resp: 496689

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.1	18.6	27.8

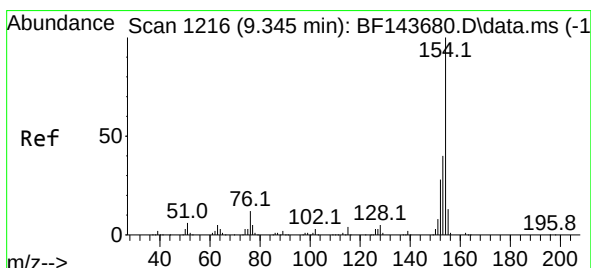
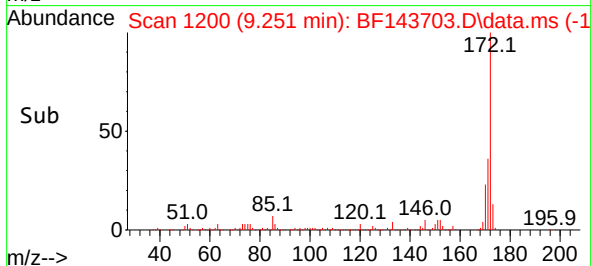
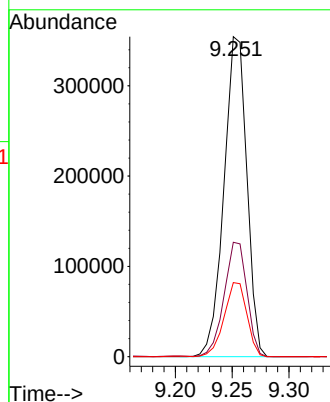
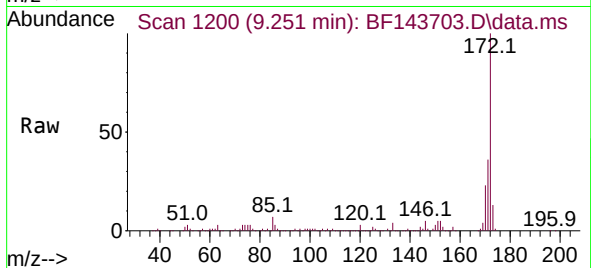
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Reviewed By :Rahul
Chavli

09/12/2025

Supervised By :Jagrut
Upadhyay

09/12/2025



#46

1,1'-Biphenyl

Concen: 46.263 ng

RT: 9.357 min Scan# 1218

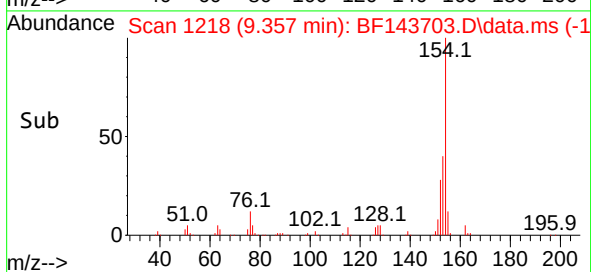
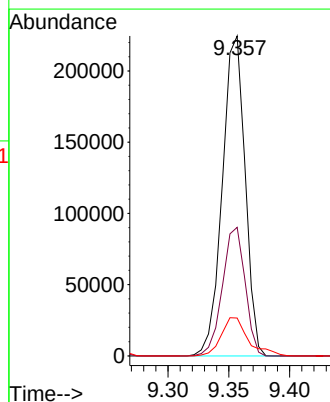
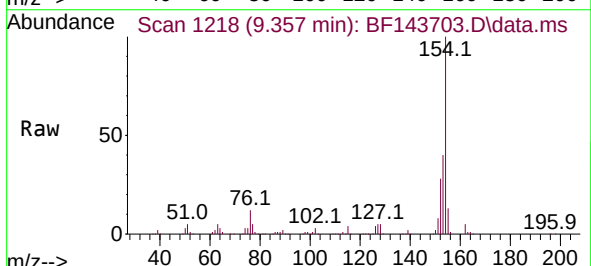
Delta R.T. 0.011 min

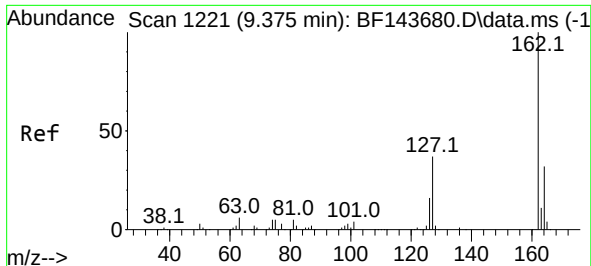
Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:154 Resp: 292219

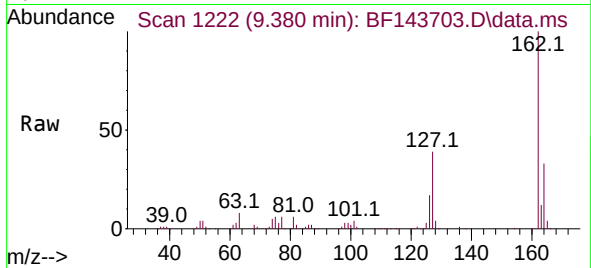
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.8	0.0	31.6





#47
2-Chloronaphthalene
Concen: 44.469 ng
RT: 9.380 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



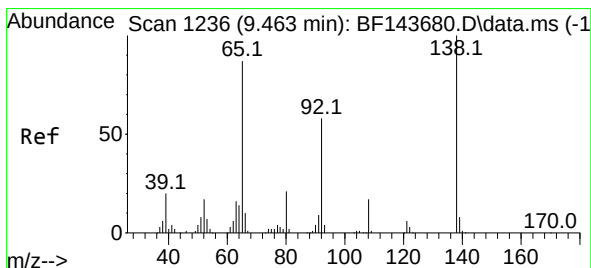
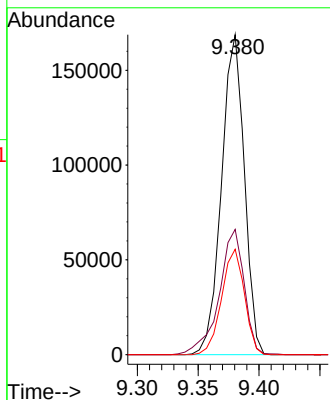
Tgt Ion:162 Resp: 220204
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 32.9 25.8 38.8

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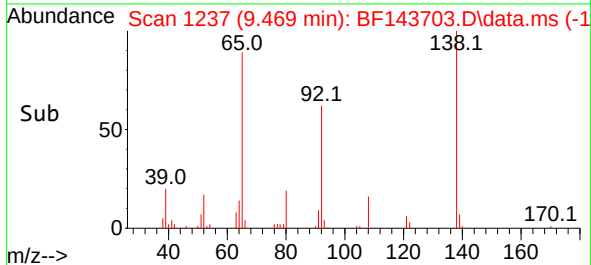
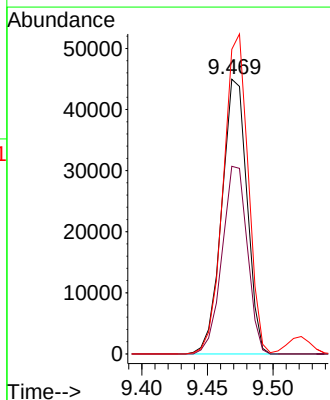
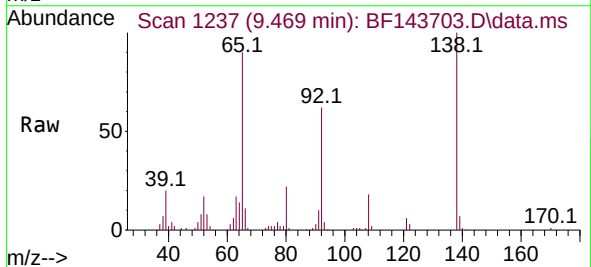
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Supervised By :Jagrut
Upadhyay

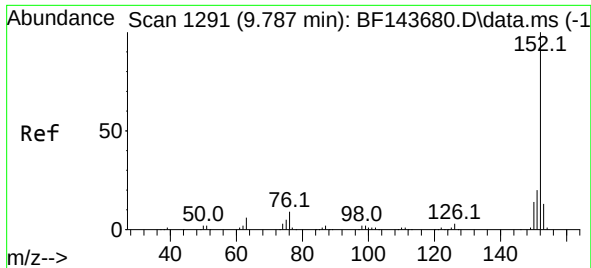
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#48
2-Nitroaniline
Concen: 45.792 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

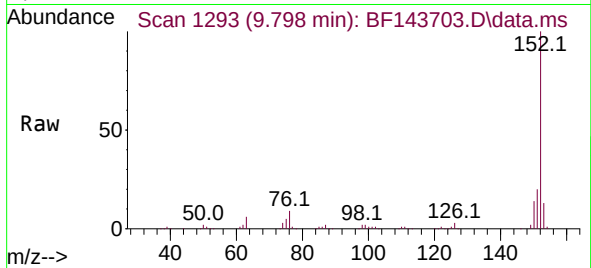
Tgt Ion: 65 Resp: 60008
Ion Ratio Lower Upper
65 100
92 68.3 53.3 79.9
138 110.9 92.1 138.1





#49
Acenaphthylene
Concen: 50.444 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



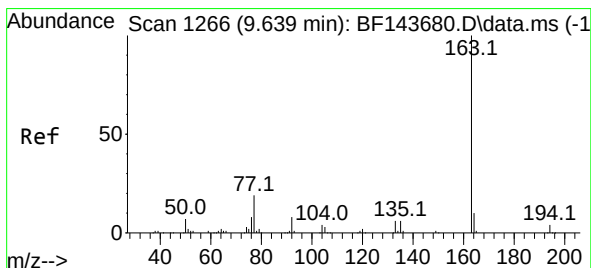
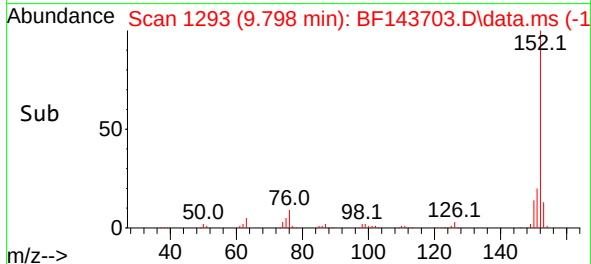
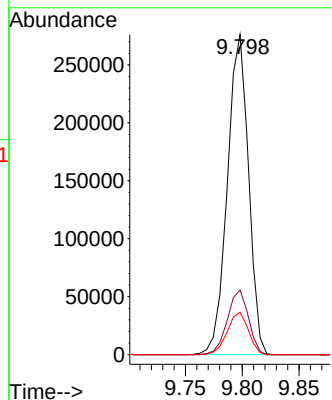
Tgt Ion:152 Resp: 357813
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.4 15.6

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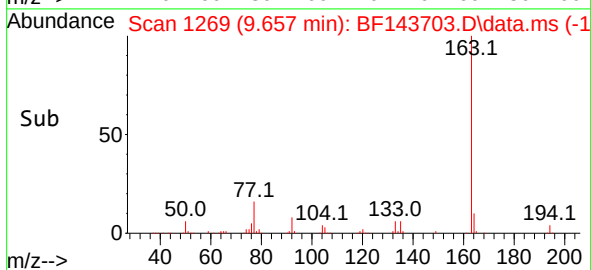
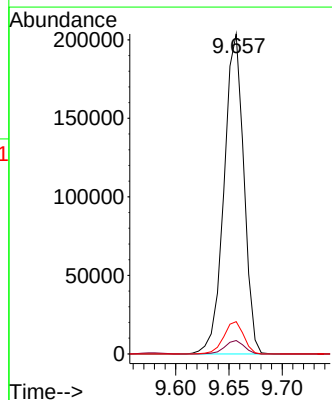
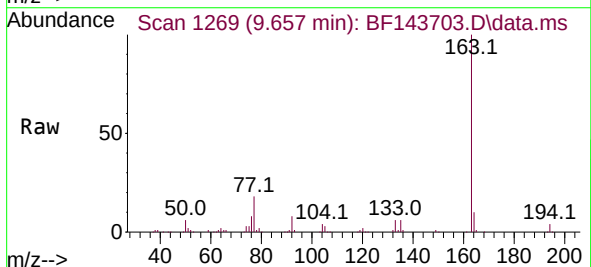
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Upadhyay

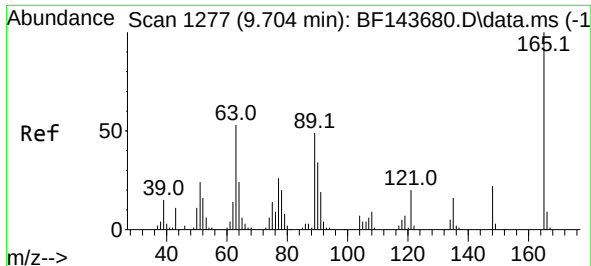
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#50
Dimethylphthalate
Concen: 46.109 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

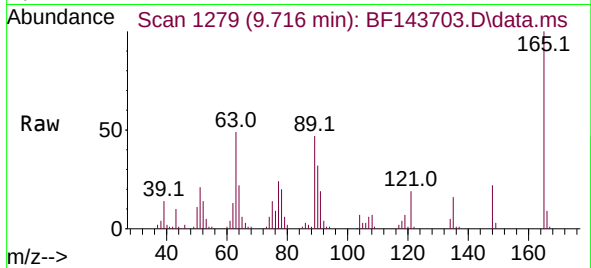
Tgt Ion:163 Resp: 263218
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.406 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



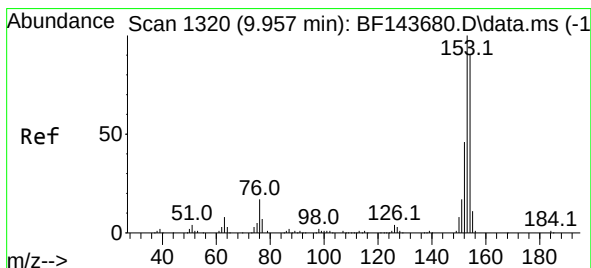
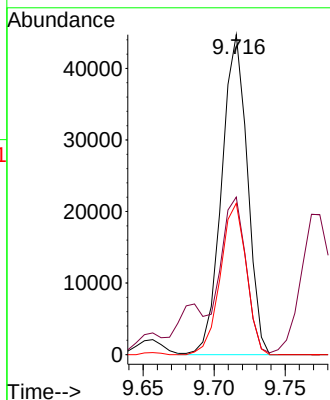
Tgt Ion:165 Resp: 56108
Ion Ratio Lower Upper
165 100
63 49.2 42.2 63.4
89 47.3 39.3 58.9

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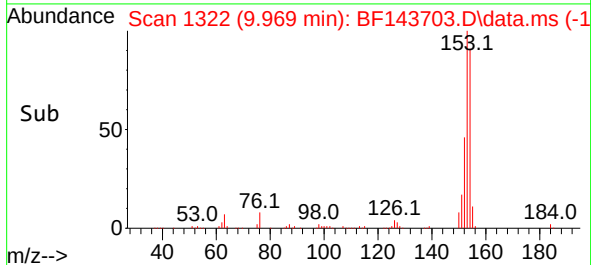
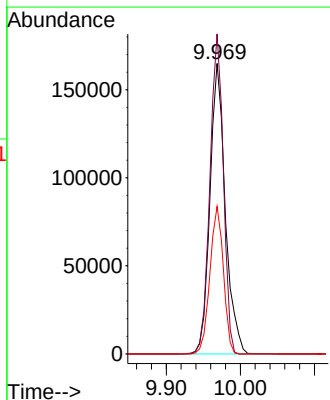
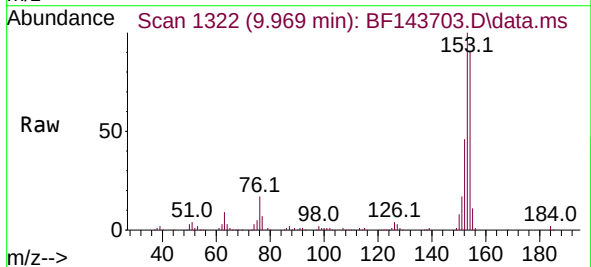
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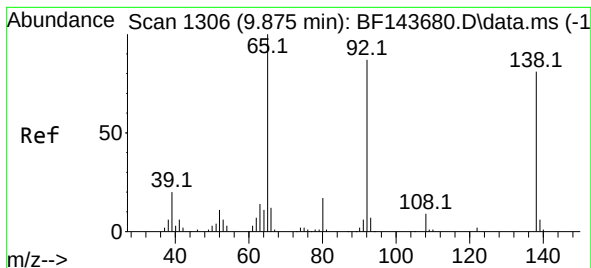
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#52
Acenaphthene
Concen: 48.551 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:154 Resp: 237313
Ion Ratio Lower Upper
154 100
153 110.2 89.4 134.0
152 50.8 41.2 61.8





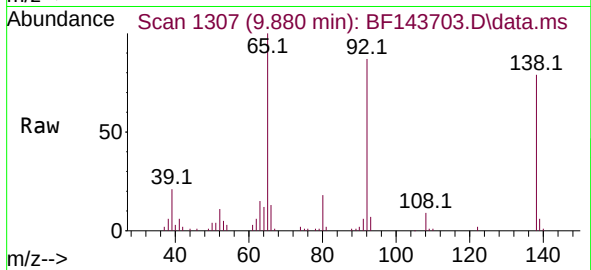
#53
3-Nitroaniline
Concen: 33.310 ng
RT: 9.880 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



Tgt Ion:138 Resp: 39126
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 110.3 85.5 128.3

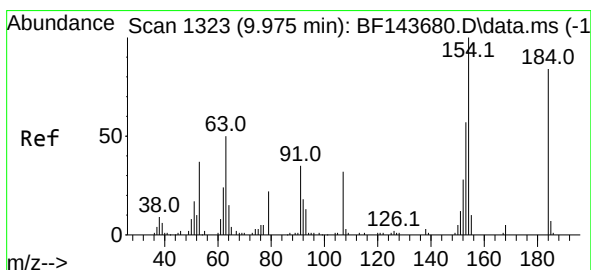
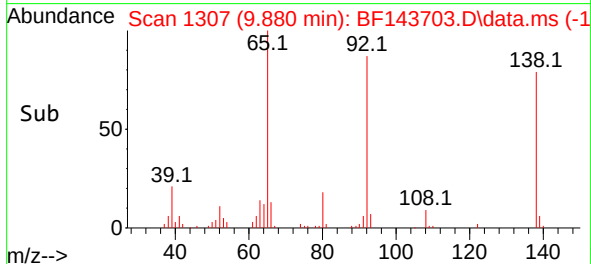
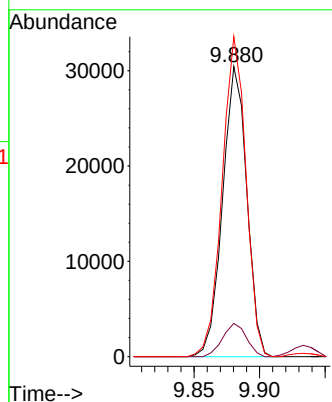
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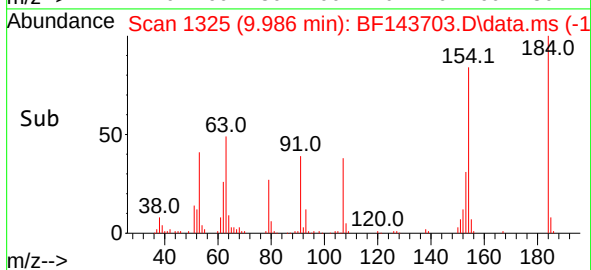
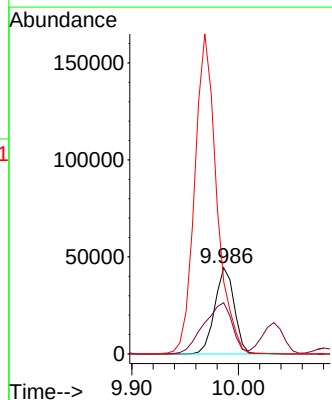
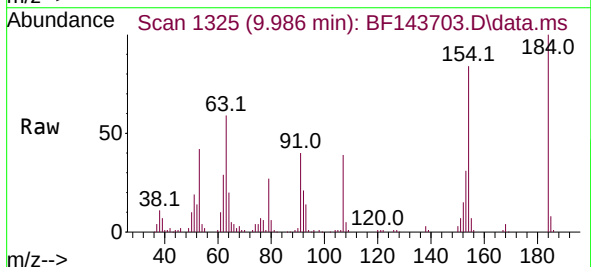
Supervised By :Jagrut
Upadhyay

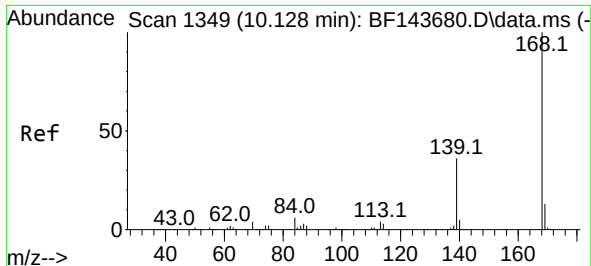
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#54
2,4-Dinitrophenol
Concen: 95.172 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:184 Resp: 56553
Ion Ratio Lower Upper
184 100
63 59.4 52.7 79.1
154 83.8 136.6 204.8





#55

Dibenzofuran

Concen: 45.643 ng

RT: 10.139 min Scan# 1351

Delta R.T. 0.011 min

Lab File: BF143703.D

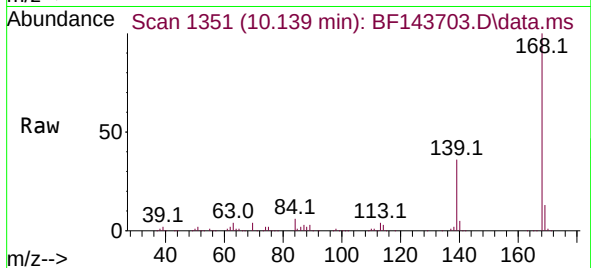
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



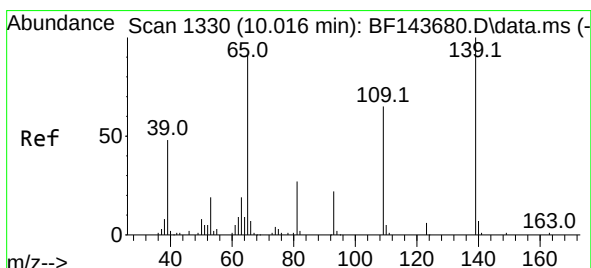
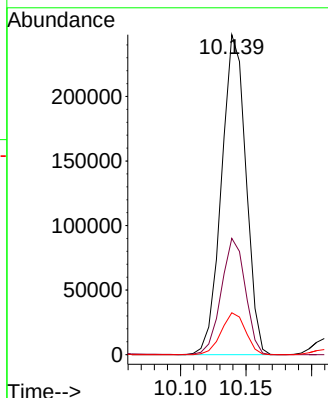
Tgt Ion:168	Resp: 320805
Ion Ratio	Lower Upper
168	100
139	36.3 29.0 43.4
169	13.1 10.8 16.2

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Chavli

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Upadhyay

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#56

4-Nitrophenol

Concen: 91.579 ng

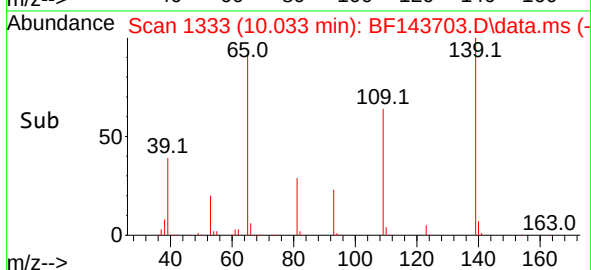
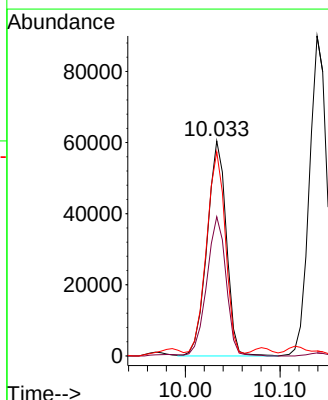
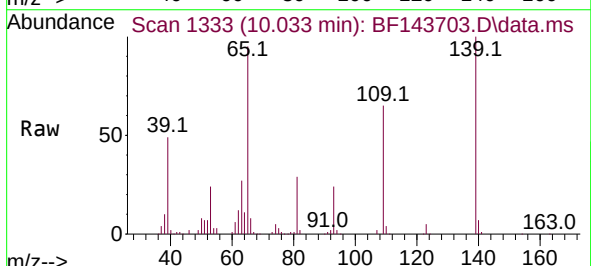
RT: 10.033 min Scan# 1333

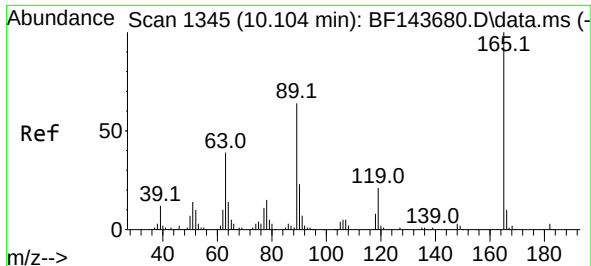
Delta R.T. 0.017 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

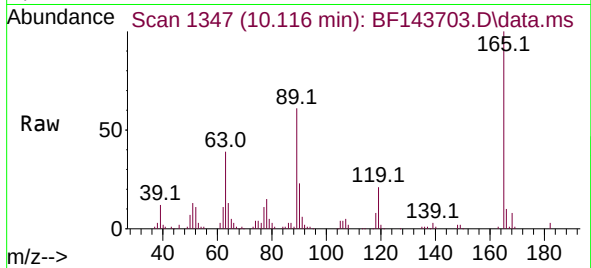
Tgt Ion:139	Resp: 85578
Ion Ratio	Lower Upper
139	100
109	64.8 45.2 85.2
65	95.0 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 49.522 ng
RT: 10.116 min Scan# 1410
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



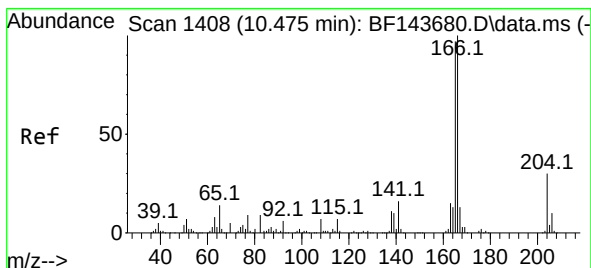
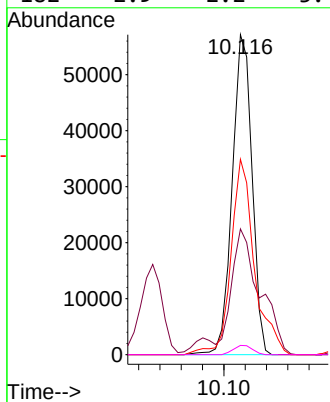
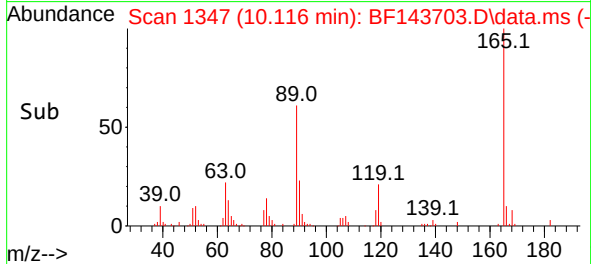
Tgt Ion:165 Resp: 73564
Ion Ratio Lower Upper
165 100
63 39.3 31.5 47.3
89 61.0 51.3 76.9
182 2.9 2.2 3.4

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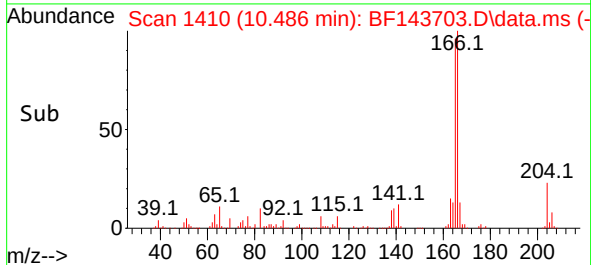
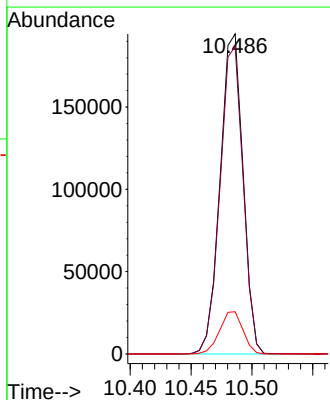
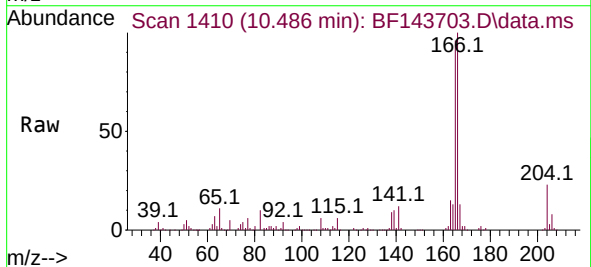
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Supervised By :Jagrut
Upadhyay

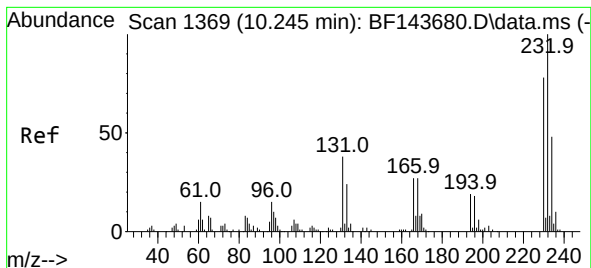
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#58
Fluorene
Concen: 46.278 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

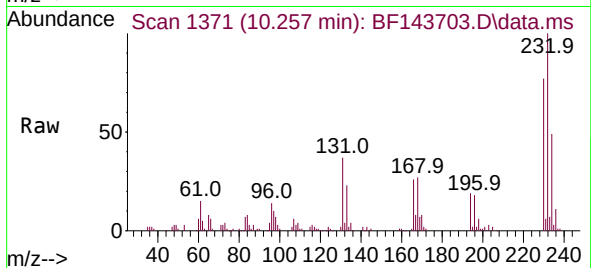
Tgt Ion:166 Resp: 254614
Ion Ratio Lower Upper
166 100
165 96.1 77.5 116.3
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.846 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



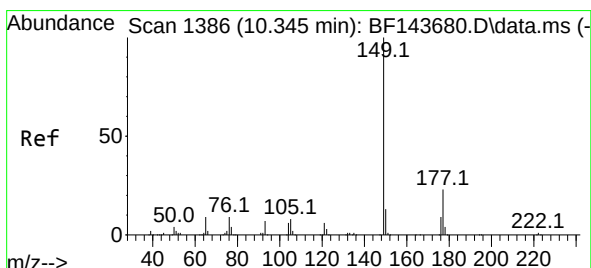
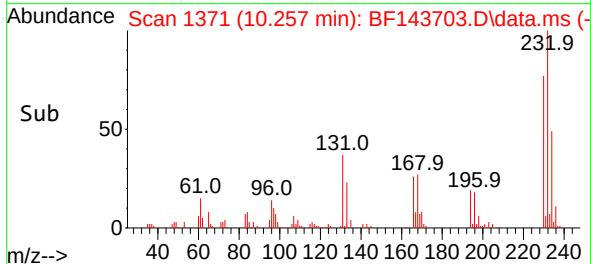
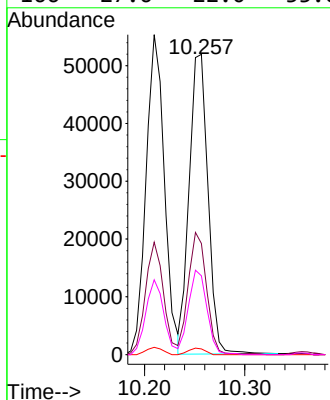
Tgt Ion:232 Resp: 67535
Ion Ratio Lower Upper
232 100
131 38.8 31.9 47.9
130 1.9 1.4 2.0
166 27.6 22.0 33.0

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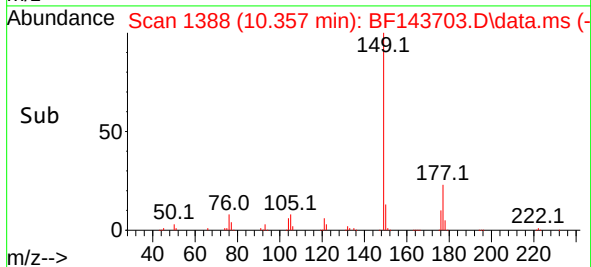
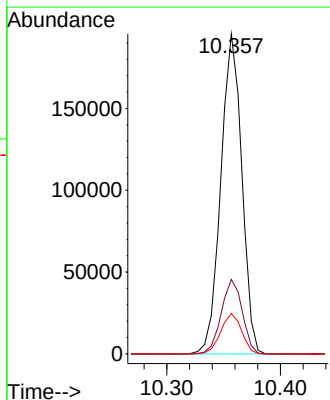
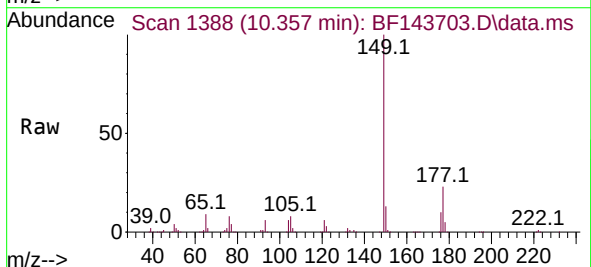
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Supervised By :Jagrut
Upadhyay

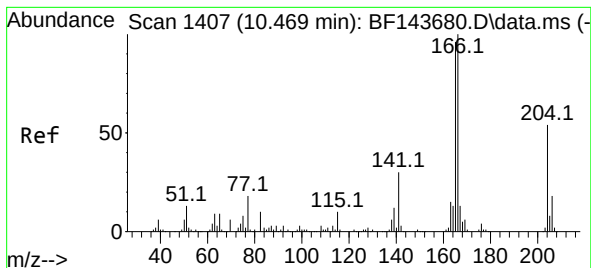
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#60
Diethylphthalate
Concen: 46.707 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

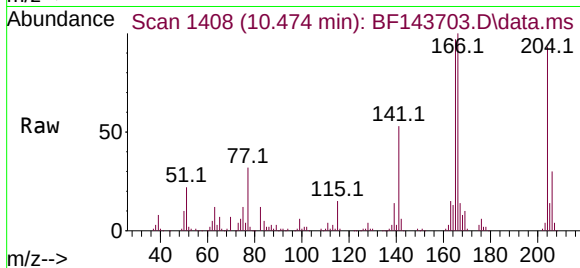
Tgt Ion:149 Resp: 250321
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.314 ng
RT: 10.474 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



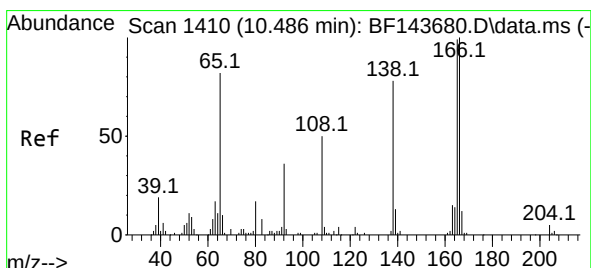
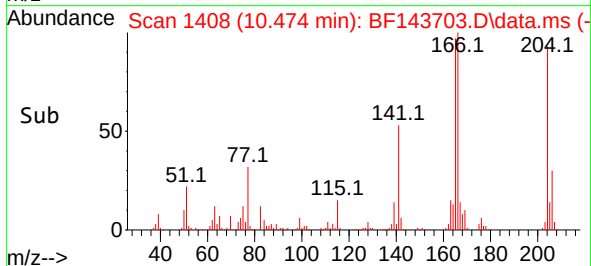
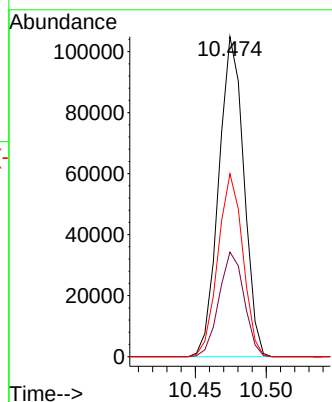
Tgt Ion:204 Resp: 12923
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 57.1 44.8 67.2

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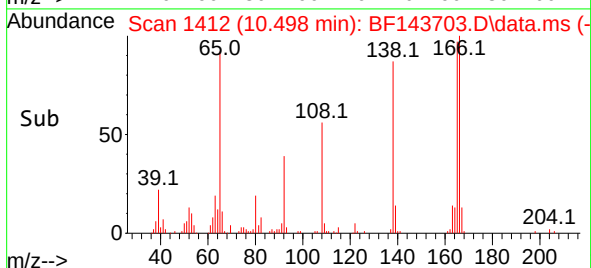
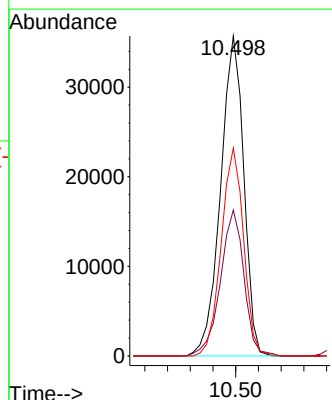
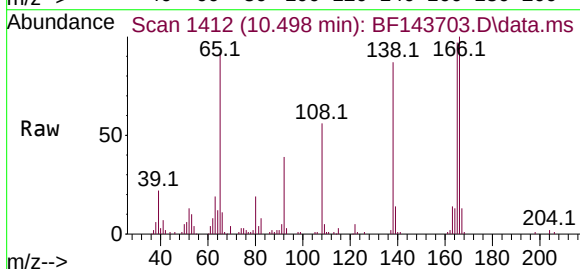
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Supervised By :Jagrut
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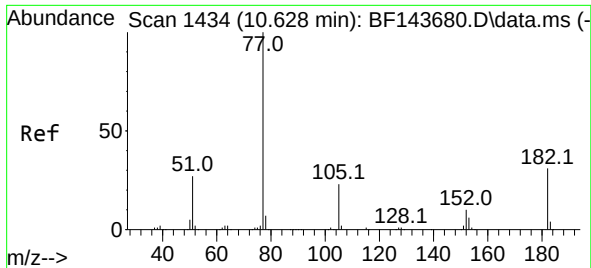
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#62
4-Nitroaniline
Concen: 45.458 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:138 Resp: 50571
Ion Ratio Lower Upper
138 100
92 45.6 26.4 66.4
108 64.9 44.3 84.3





#63
Azobenzene
Concen: 46.727 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion: 77 Resp: 221391
Ion Ratio Lower Upper
77 100
182 28.0 10.8 50.8
105 23.4 3.2 43.2
51 27.6 7.7 47.7

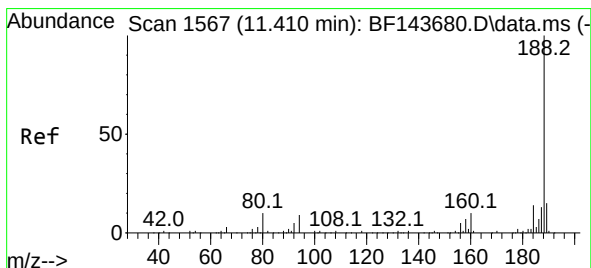
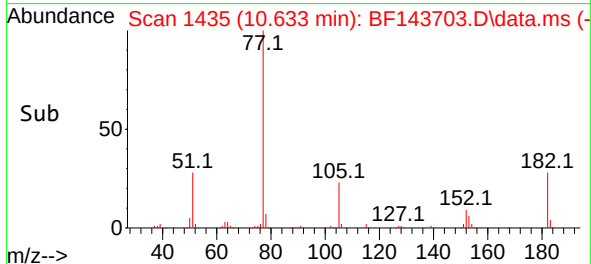
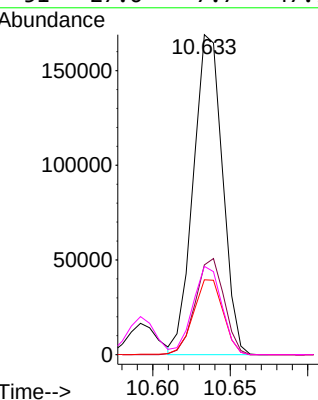
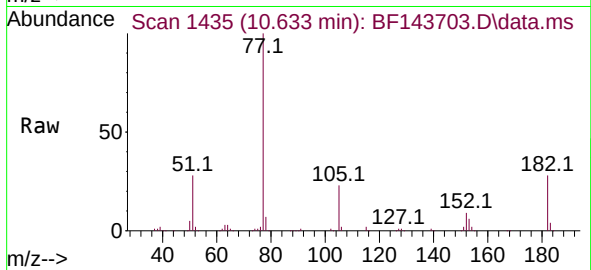
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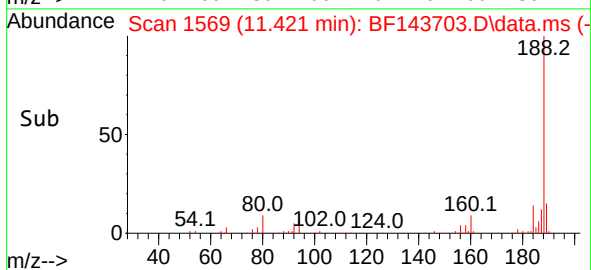
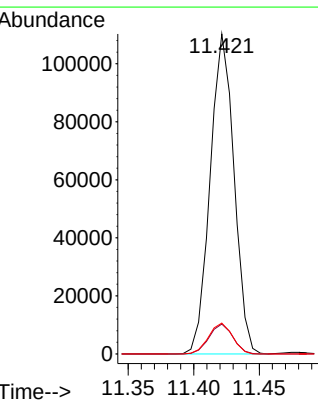
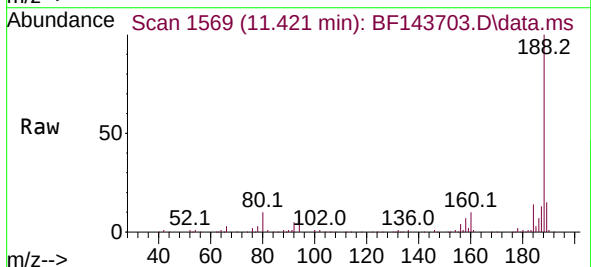
Supervised By :Jagrut
Upadhyay

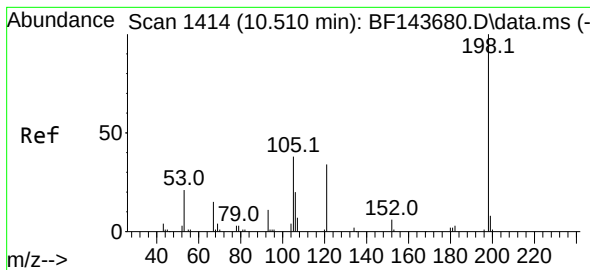
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

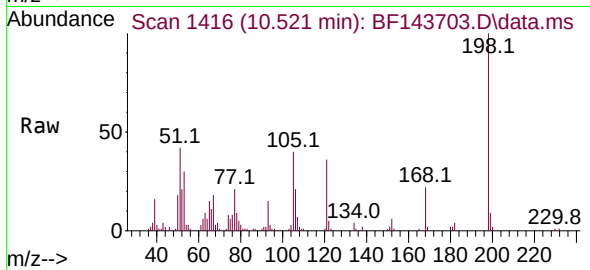
Tgt Ion:188 Resp: 139957
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.6 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 48.844 ng
RT: 10.521 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



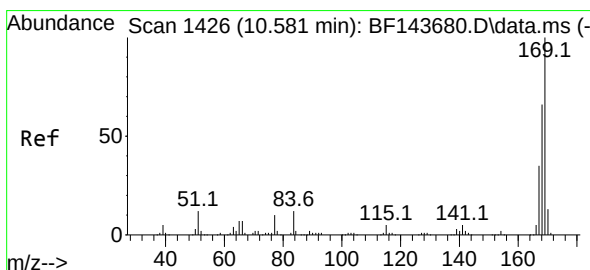
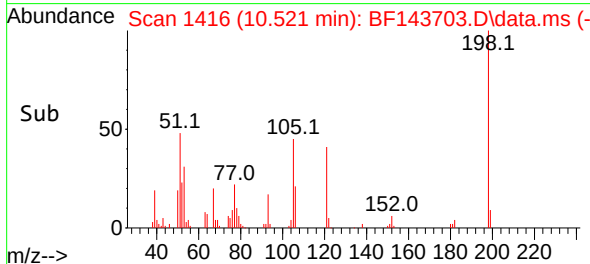
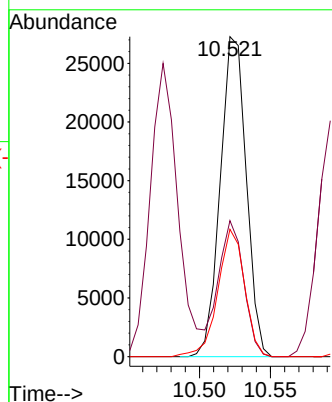
Tgt Ion:198 Resp: 34805
Ion Ratio Lower Upper
198 100
51 42.5 21.2 61.2
105 39.8 19.0 59.0

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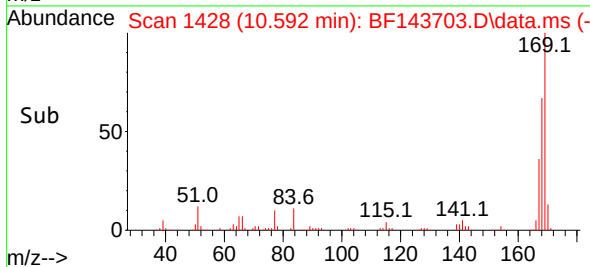
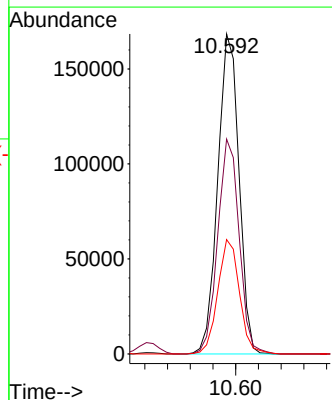
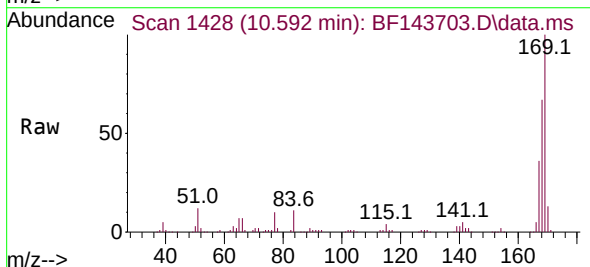
09/12/2025
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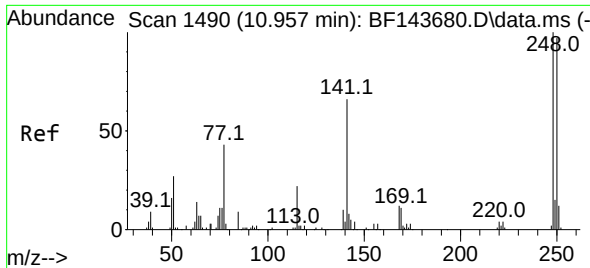
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#66
n-Nitrosodiphenylamine
Concen: 47.494 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

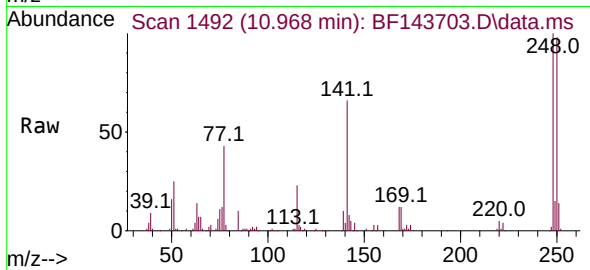
Tgt Ion:169 Resp: 217761
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 35.7 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 46.407 ng
RT: 10.968 min Scan# 1490
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



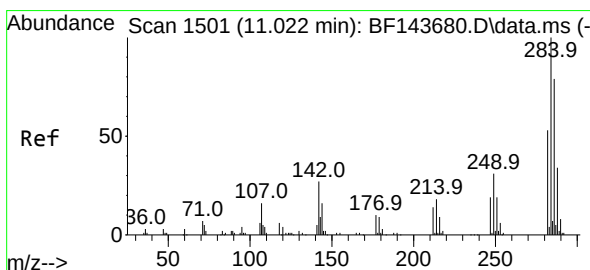
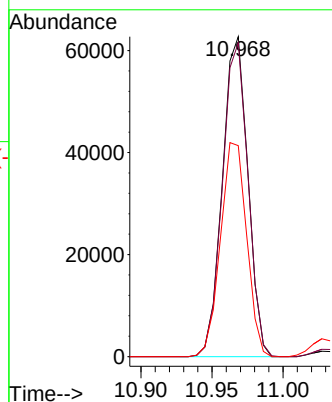
Tgt Ion:248 Resp: 78324
Ion Ratio Lower Upper
248 100
250 98.1 77.5 116.3
141 65.9 52.6 79.0

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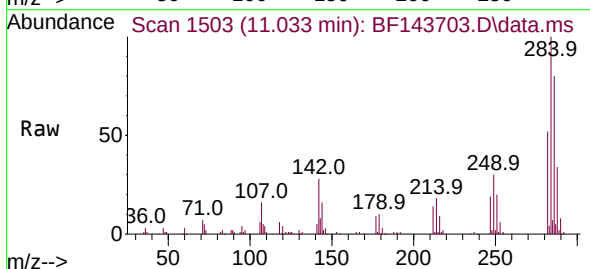
Reviewed By :Rahul
Chavli

09/12/2025
Supervised By :Jagrut
Upadhyay

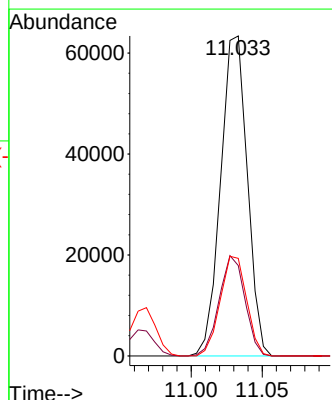
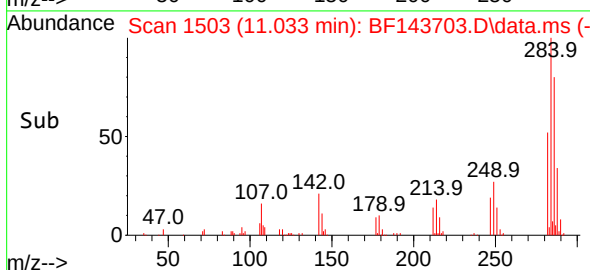
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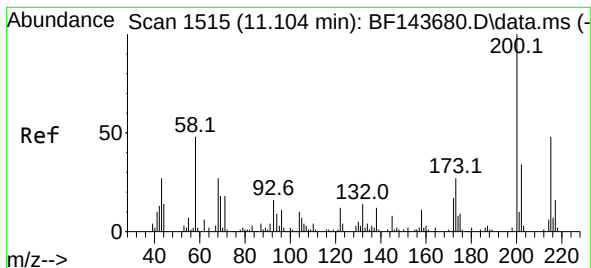


#68
Hexachlorobenzene
Concen: 46.573 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29



Tgt Ion:284 Resp: 82998
Ion Ratio Lower Upper
284 100
142 28.2 21.3 31.9
249 30.5 25.0 37.4





#69

Atrazine

Concen: 47.218 ng

RT: 11.121 min Scan# 1518

Delta R.T. 0.017 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

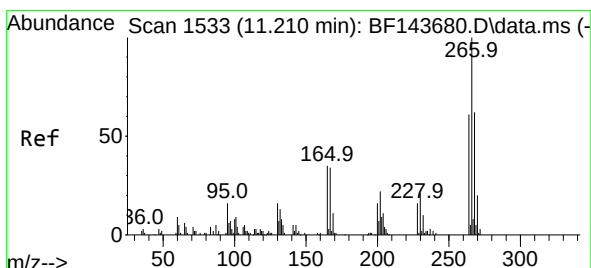
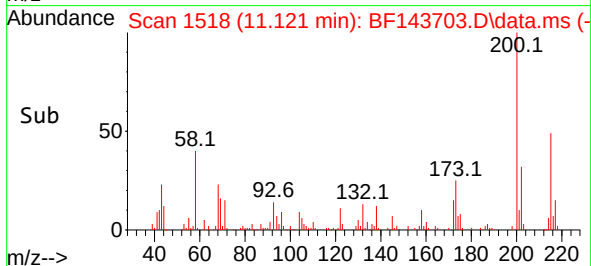
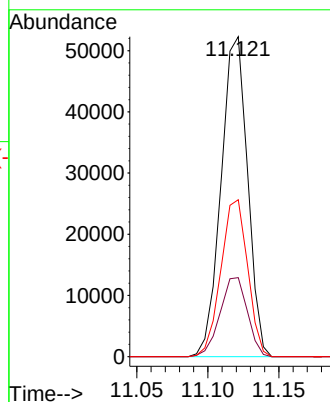
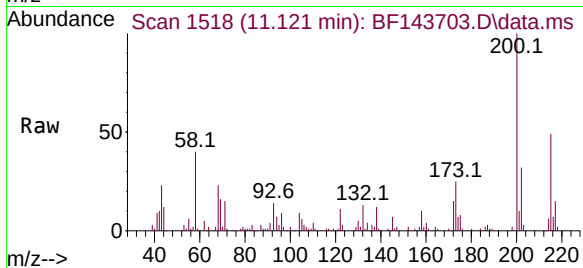
Tgt Ion:200 Resp: 67881
 Ion Ratio Lower Upper
 200 100
 173 24.7 7.3 47.3
 215 49.0 28.5 68.5

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#70

Pentachlorophenol

Concen: 94.630 ng

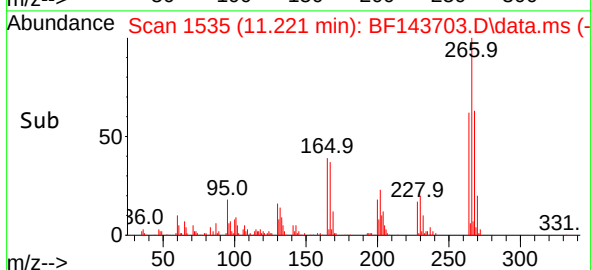
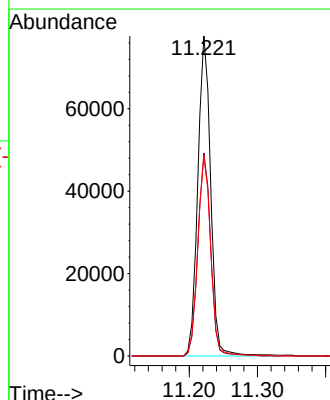
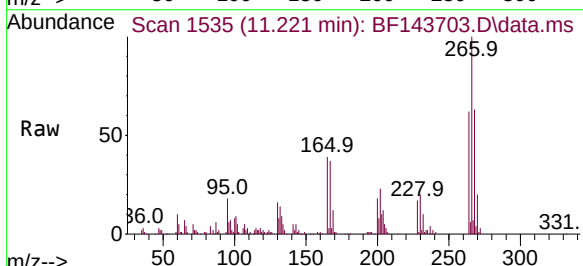
RT: 11.221 min Scan# 1535

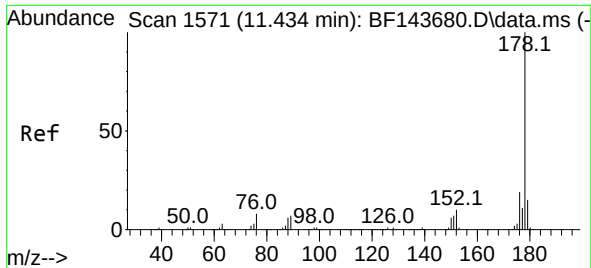
Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

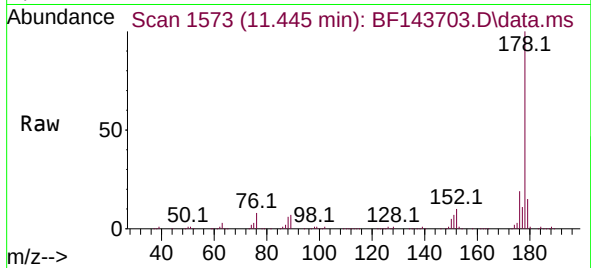
Tgt Ion:266 Resp: 101943
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.2 73.8
 264 62.4 48.6 73.0





#71
Phenanthrene
Concen: 45.598 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



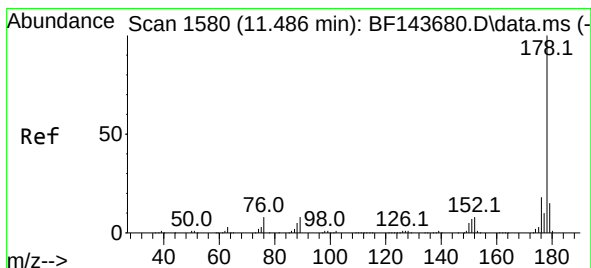
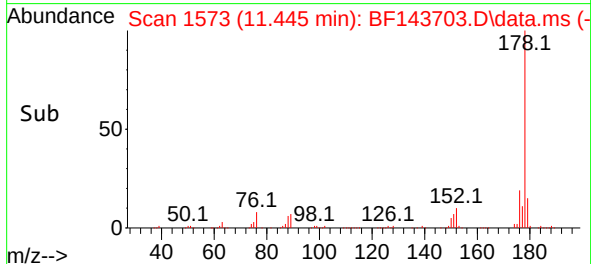
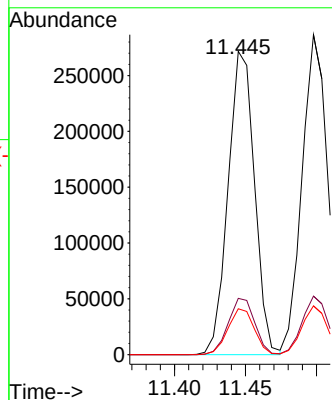
Tgt Ion:178 Resp: 351627
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.1 12.2 18.2

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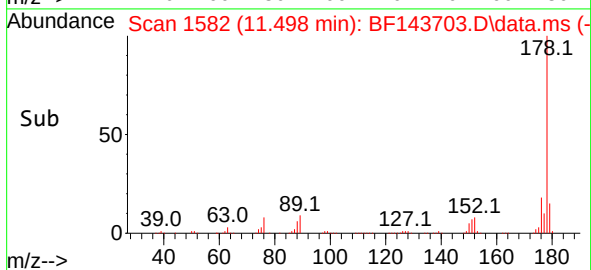
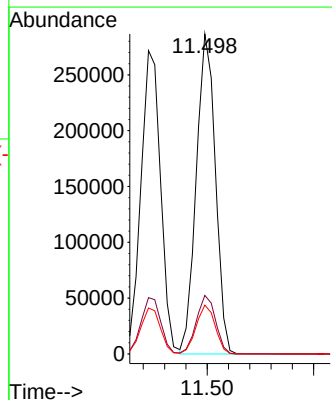
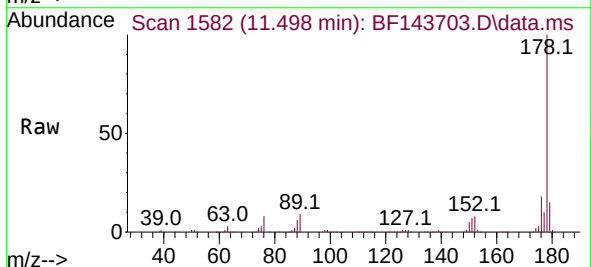
09/12/2025
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Upadhyay

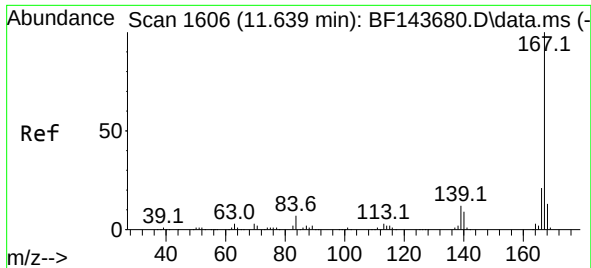
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#72
Anthracene
Concen: 46.060 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

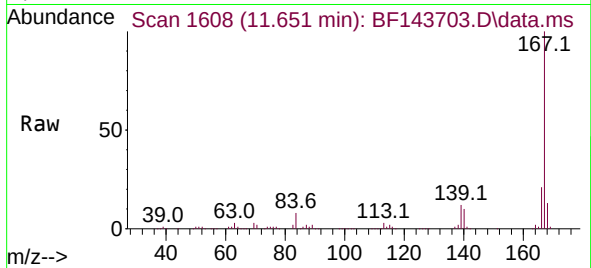
Tgt Ion:178 Resp: 357142
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 45.580 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.011 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB169649BS



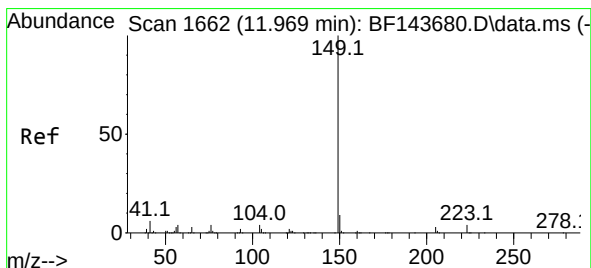
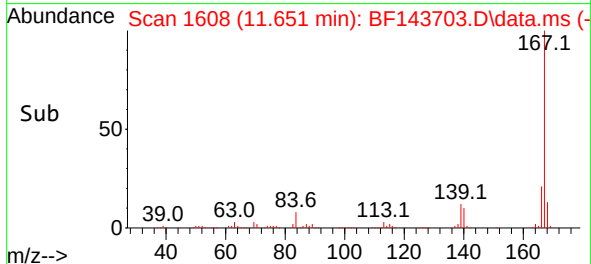
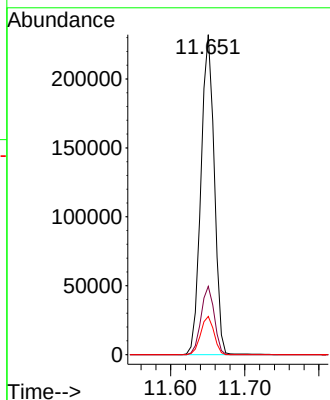
Tgt Ion:167 Resp: 289440
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 11.9 9.7 14.5

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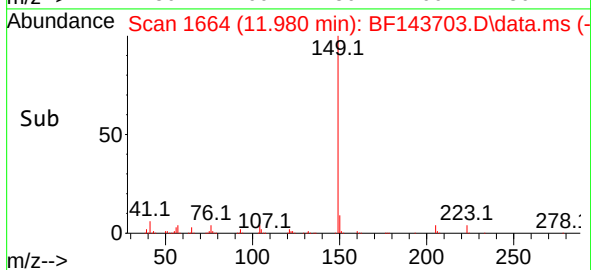
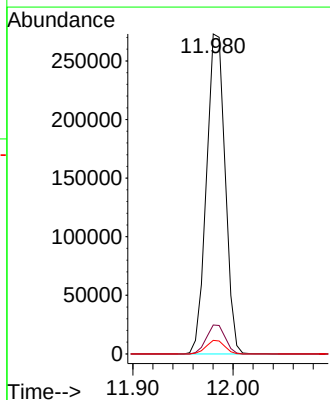
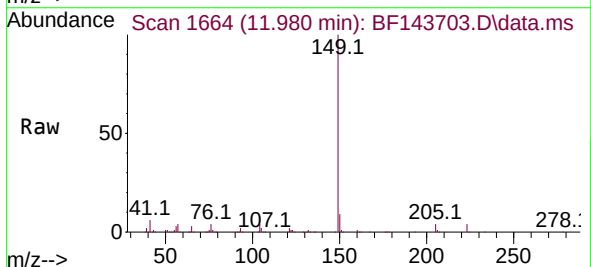
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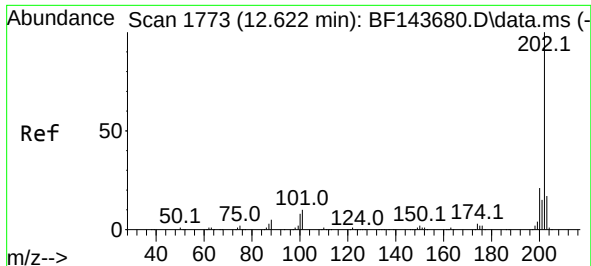
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#74
 Di-n-butylphthalate
 Concen: 46.065 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.011 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

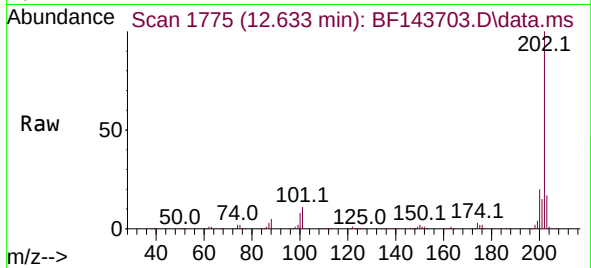
Tgt Ion:149 Resp: 352178
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.2 3.3 4.9





#75
Fluoranthene
Concen: 43.791 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



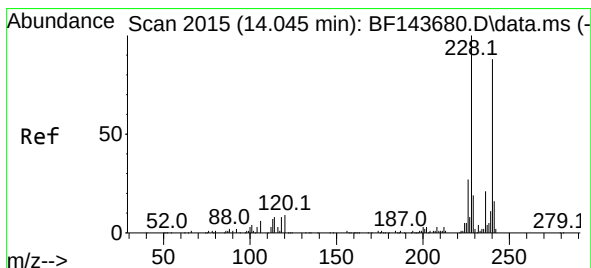
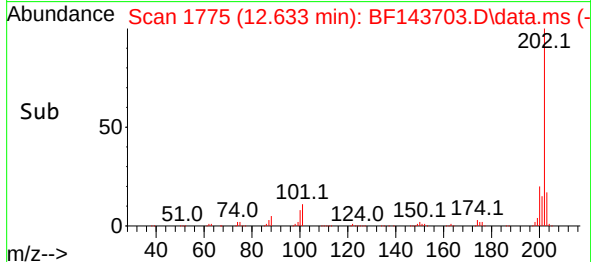
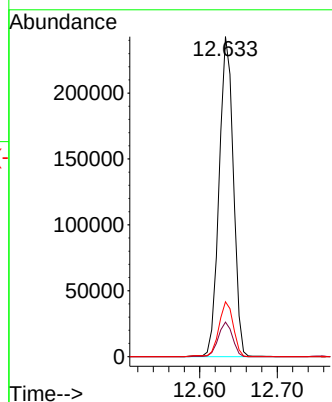
Tgt Ion:202 Resp: 310005
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.5
203 17.1 0.0 37.1

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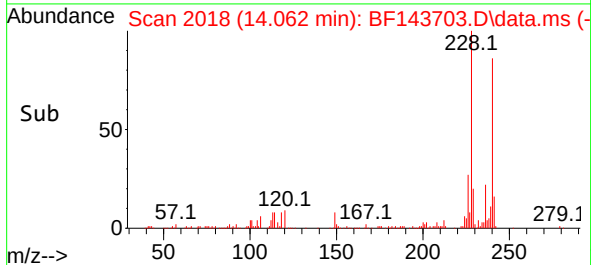
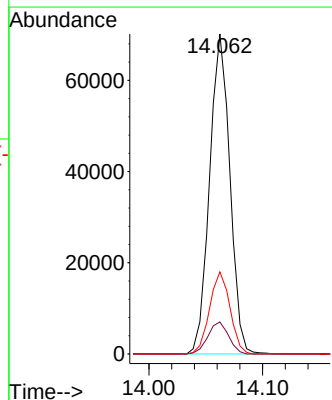
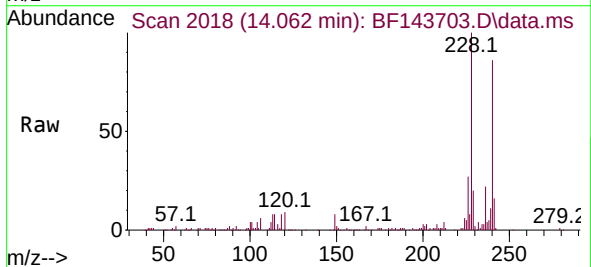
09/12/2025
Supervised By :Jagrut
Upadhyay

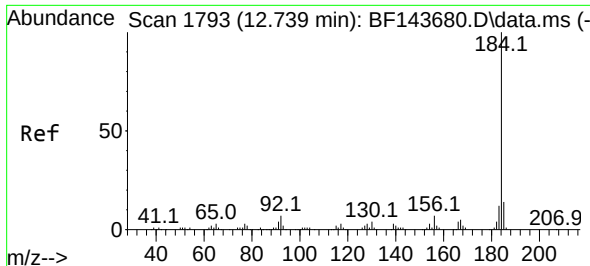
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

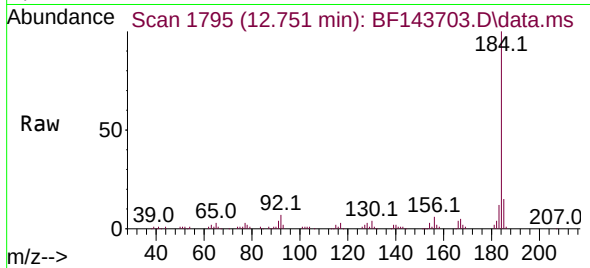
Tgt Ion:240 Resp: 87066
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.6 18.6 28.0





#77
Benzidine
Concen: 29.434 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



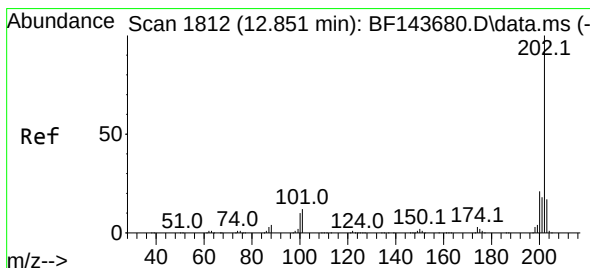
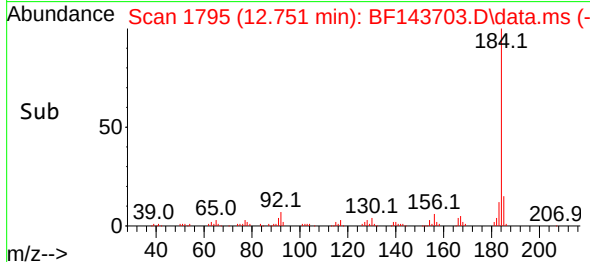
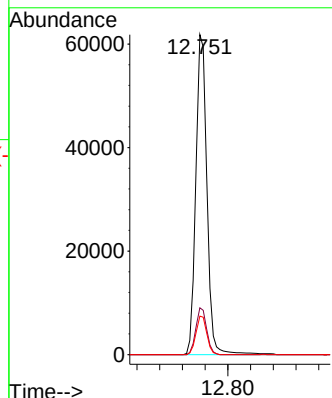
Tgt Ion:184 Resp: 83570
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.0 9.4 14.2

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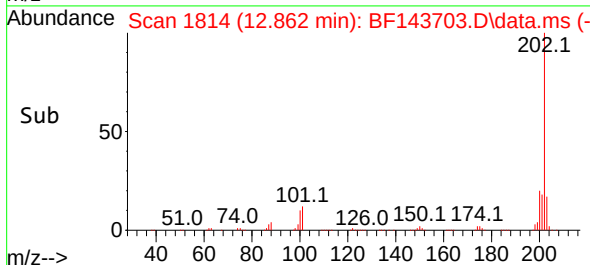
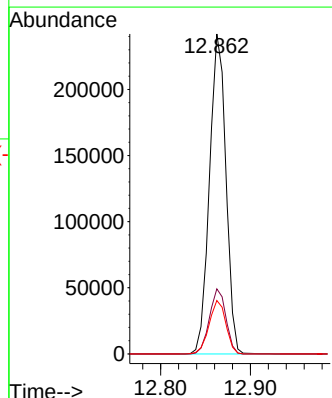
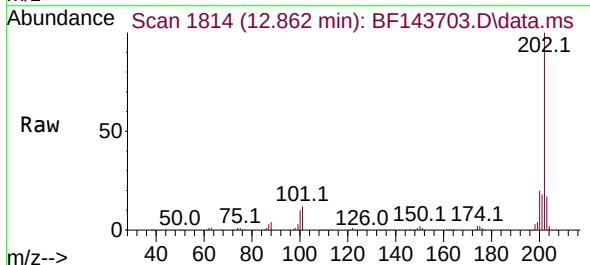
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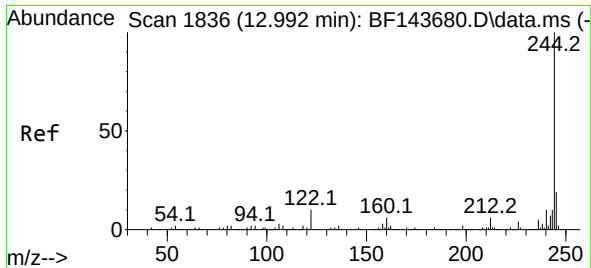
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#78
Pyrene
Concen: 44.373 ng
RT: 12.862 min Scan# 1814
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:202 Resp: 308890
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 16.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 85.030 ng
 RT: 13.010 min Scan# 1836
 Delta R.T. 0.017 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

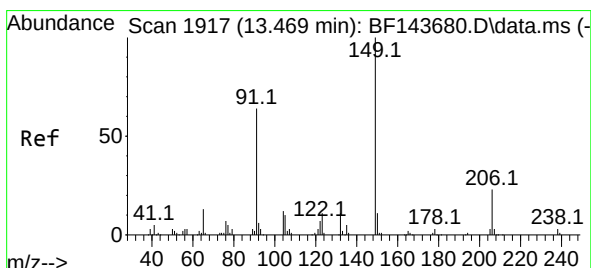
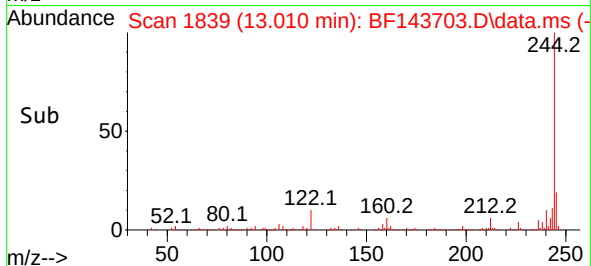
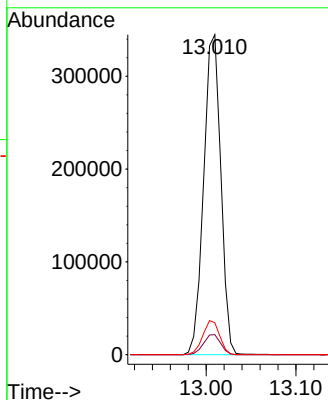
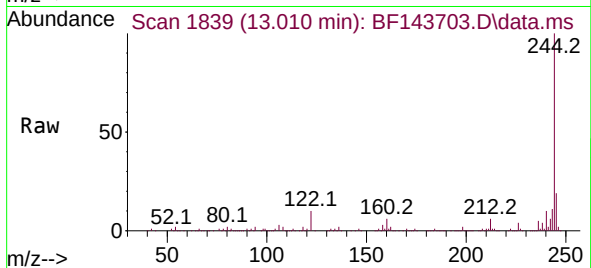
Tgt Ion:244 Resp: 456842
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 10.0 7.9 11.9

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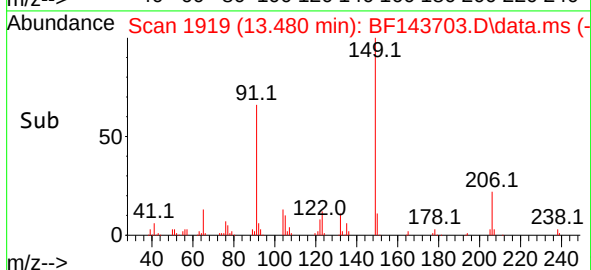
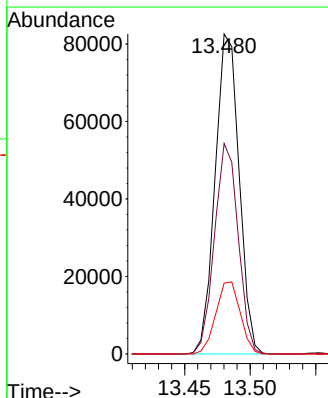
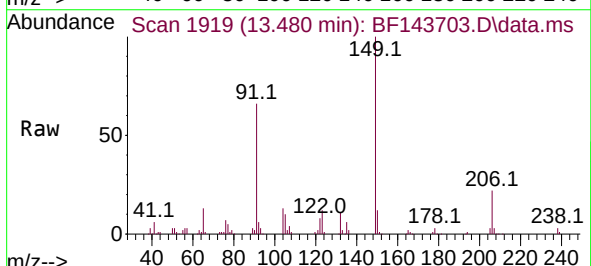
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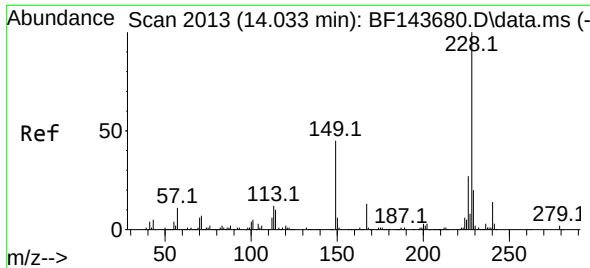
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#80
 Butylbenzylphthalate
 Concen: 48.297 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.011 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

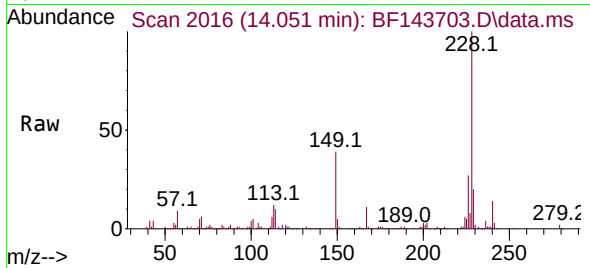
Tgt Ion:149 Resp: 105341
 Ion Ratio Lower Upper
 149 100
 91 65.7 50.9 76.3
 206 22.1 18.2 27.2





#81
Benzo(a)anthracene
Concen: 45.284 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



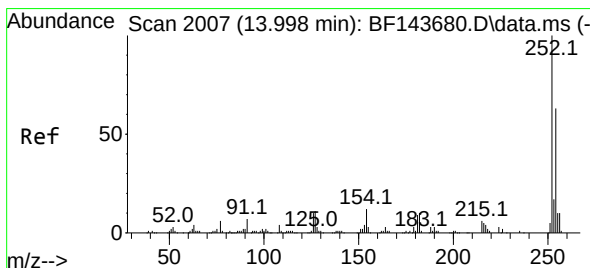
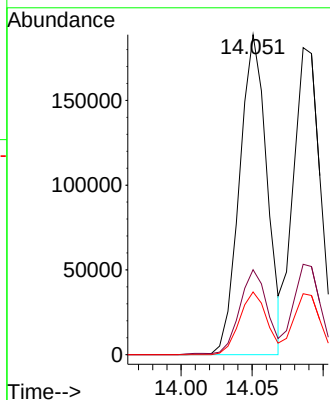
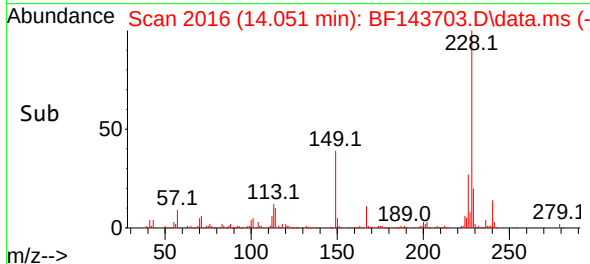
Tgt Ion:228 Resp: 25364
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.6 15.7 23.5

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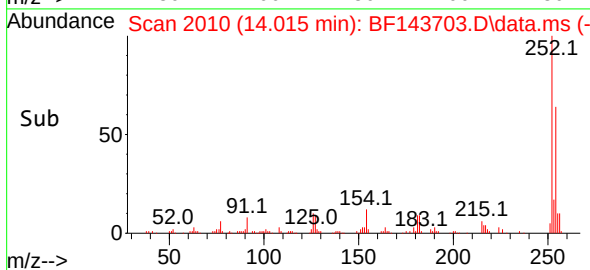
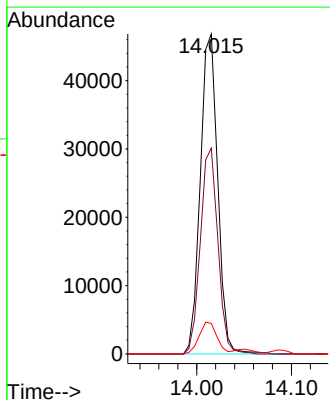
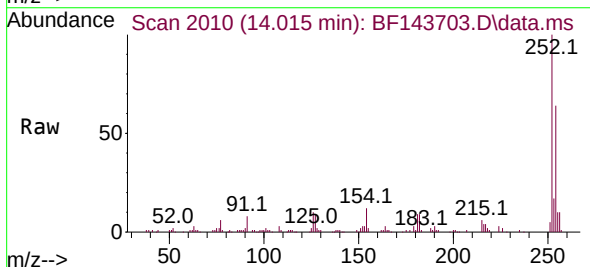
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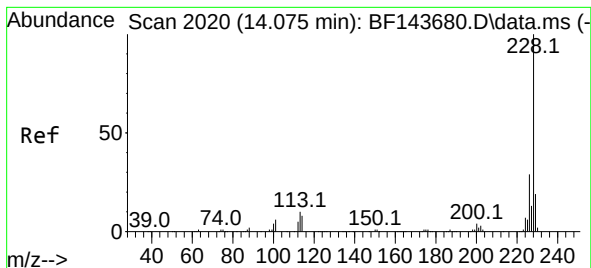
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#82
3,3'-Dichlorobenzidine
Concen: 34.743 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 59869
Ion Ratio Lower Upper
252 100
254 64.3 50.5 75.7
126 9.5 8.2 12.4





#83

Chrysene

Concen: 46.672 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:228 Resp: 239433

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

229 19.9 15.1 22.7

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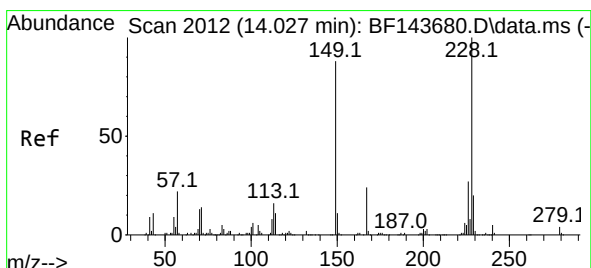
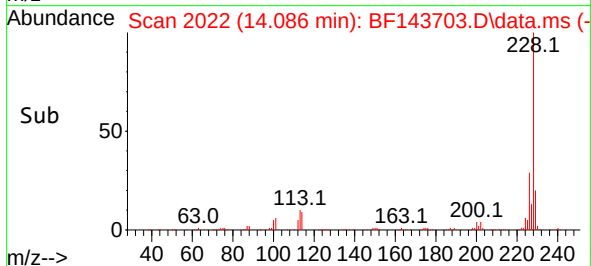
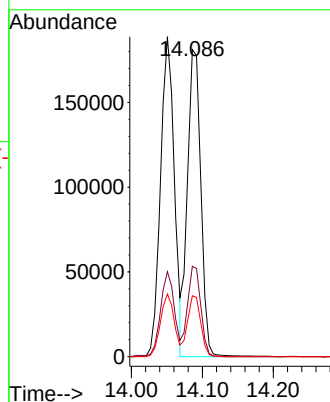
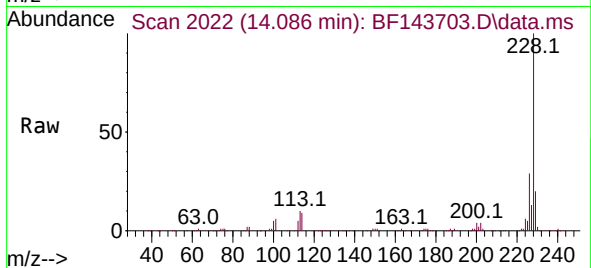
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Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.254 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

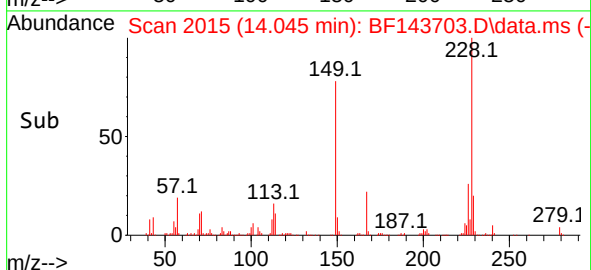
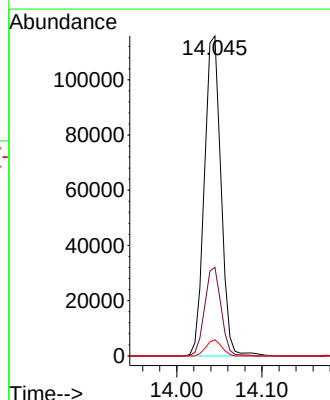
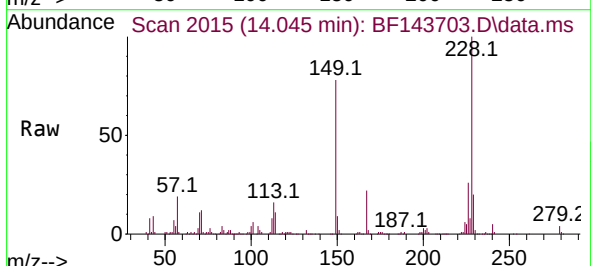
Tgt Ion:149 Resp: 156393

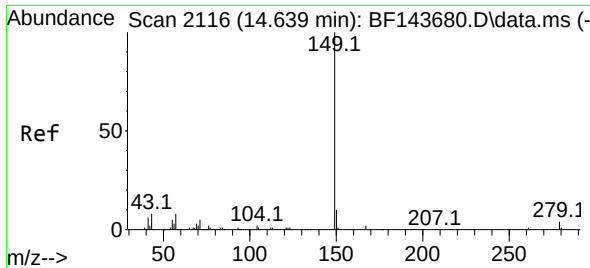
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

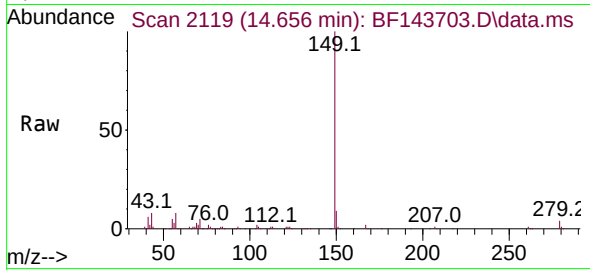
279 5.0 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 50.095 ng
RT: 14.656 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS



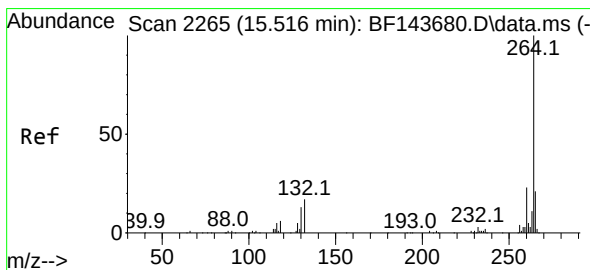
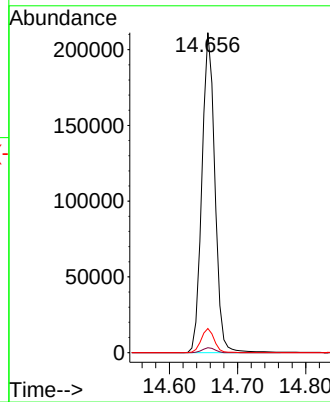
Tgt Ion:149 Resp: 279369
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.5 6.2 9.2

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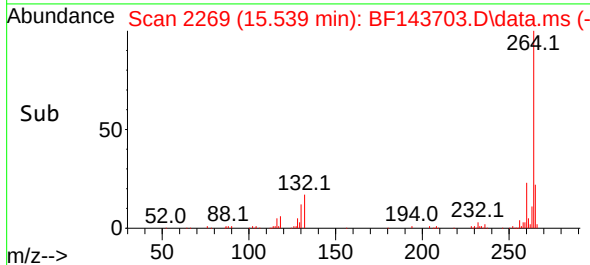
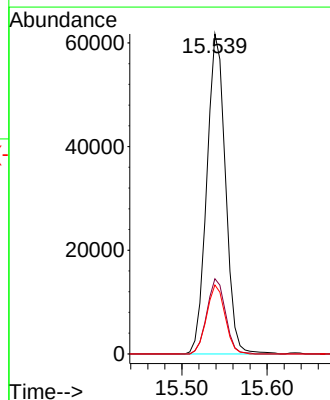
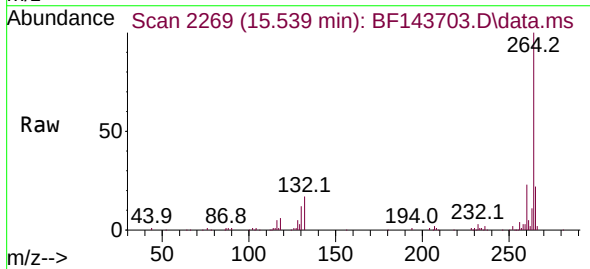
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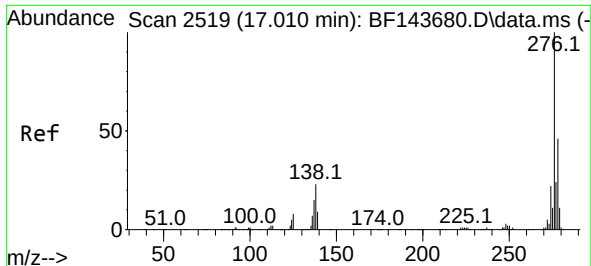
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:264 Resp: 93680
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.5 17.1 25.7





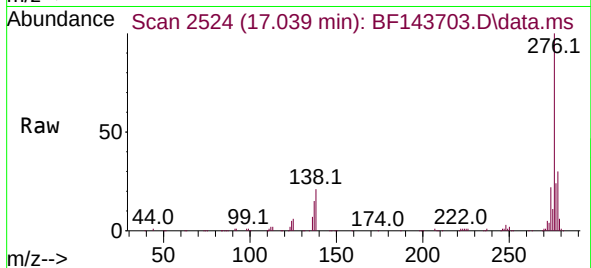
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.634 ng
 RT: 17.039 min Scan# 2196
 Delta R.T. 0.029 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS



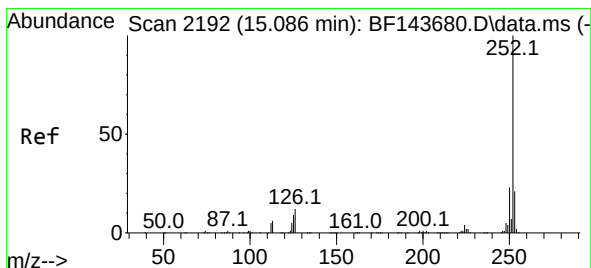
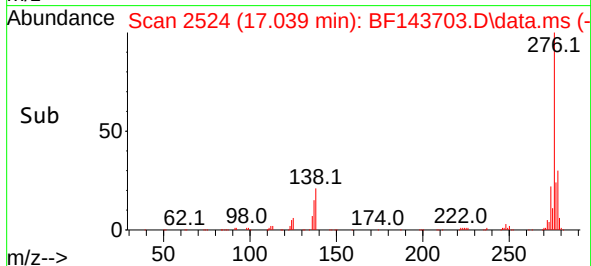
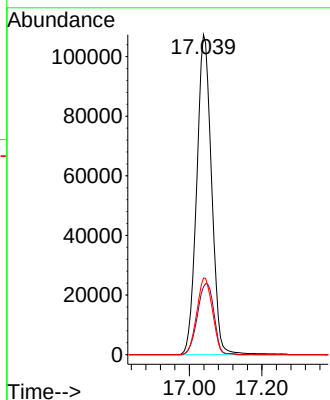
Tgt Ion:276 Resp: 304548
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.7 29.5
 277 25.2 20.2 30.2

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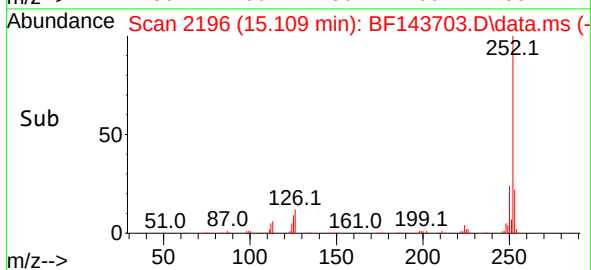
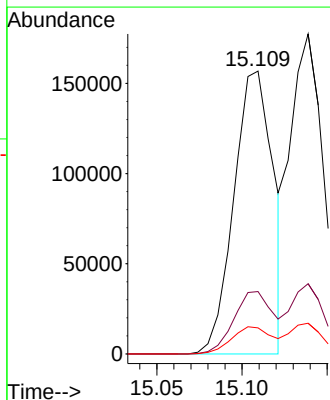
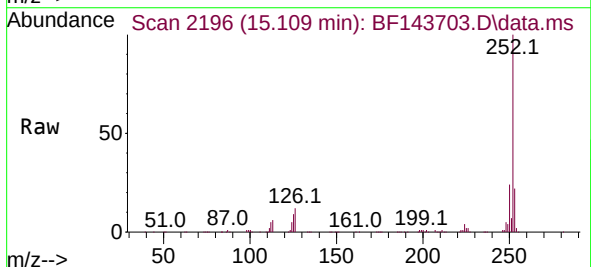
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 Upadhyay

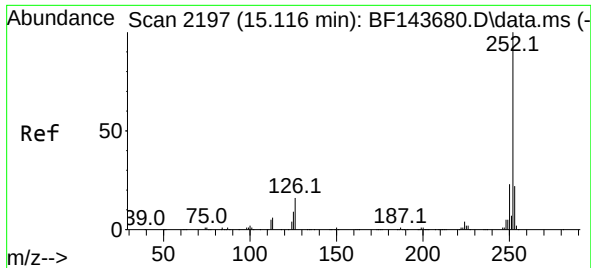
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#88
 Benzo(b)fluoranthene
 Concen: 45.171 ng
 RT: 15.109 min Scan# 2196
 Delta R.T. 0.023 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 251903
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.4
 125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.660 ng

RT: 15.139 min Scan# 2197

Delta R.T. 0.023 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

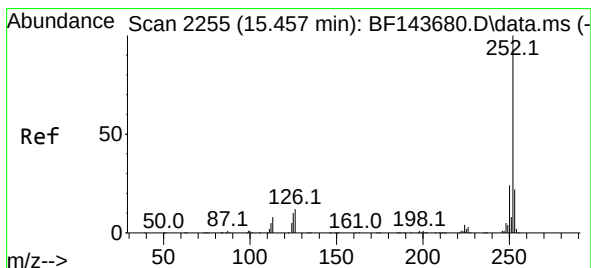
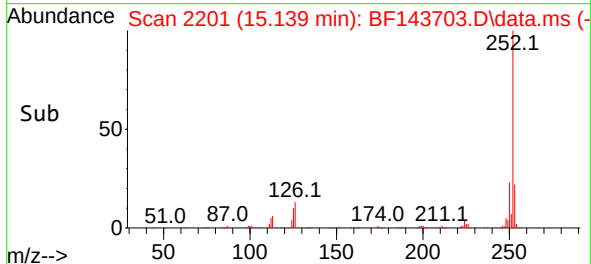
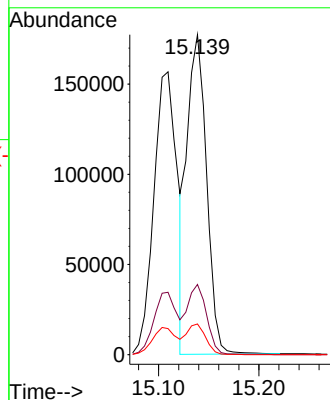
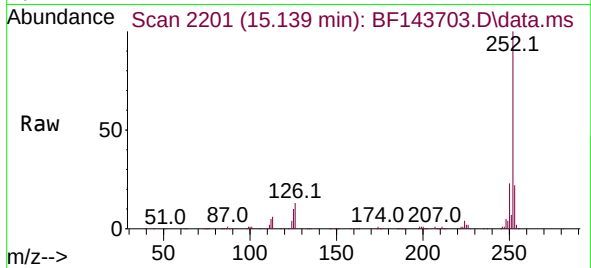
Tgt Ion:252 Resp: 239869
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 9.6 7.3 10.9

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#90

Benzo(a)pyrene

Concen: 49.411 ng

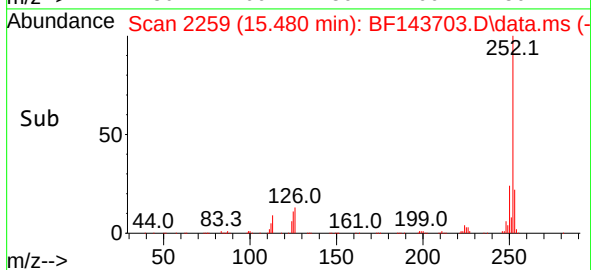
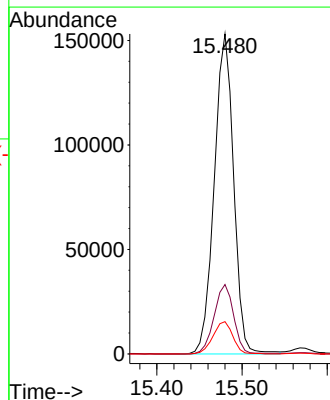
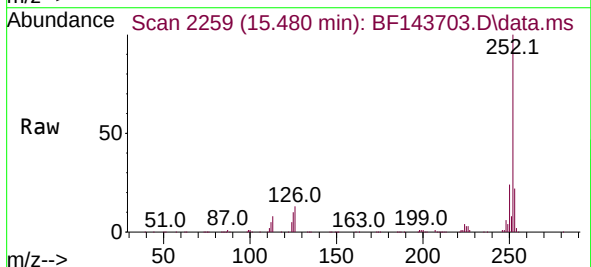
RT: 15.480 min Scan# 2259

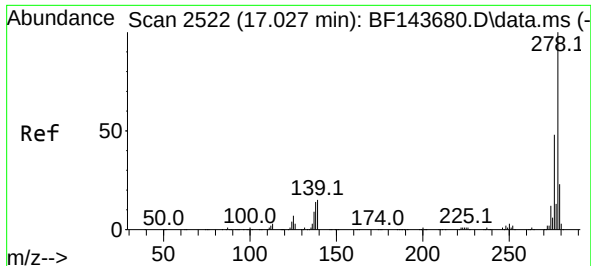
Delta R.T. 0.023 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 242075
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 10.1 8.2 12.4





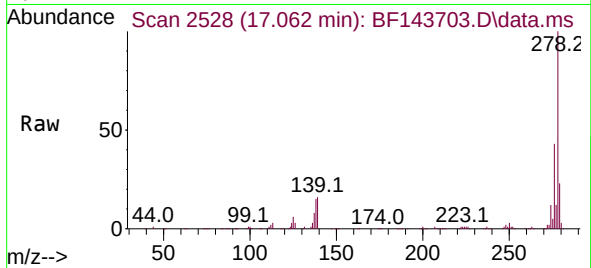
#91
Dibenzo(a,h)anthracene
Concen: 48.649 ng
RT: 17.062 min Scan# 2522
Delta R.T. 0.035 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :

BNF_F

ClientSampleId :

PB169649BS



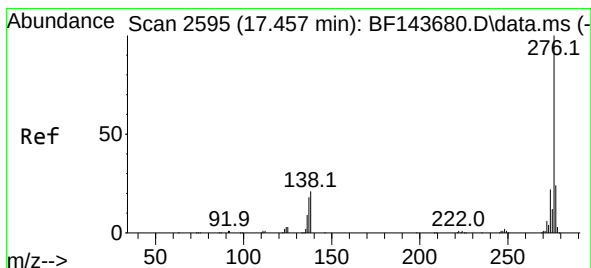
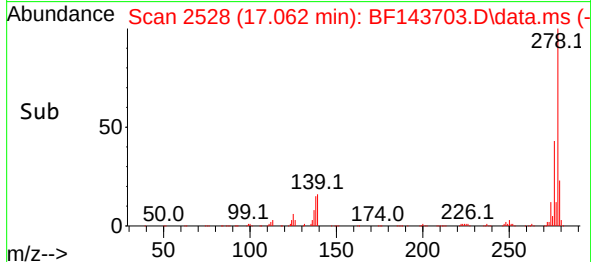
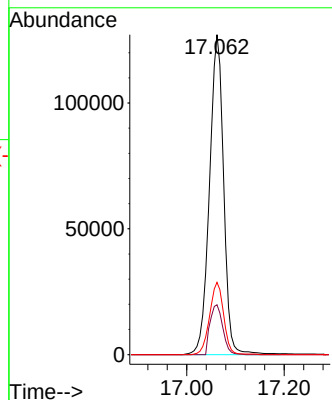
Tgt Ion:278 Resp: 25805
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 22.6 18.7 28.1

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#92
Benzo(g,h,i)perylene
Concen: 48.840 ng
RT: 17.497 min Scan# 2602
Delta R.T. 0.041 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:276 Resp: 242326
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 21.8 17.0 25.4

