

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143891.D
 Acq On : 08 Oct 2025 12:49
 Operator : RC/JU
 Sample : PB169953BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Oct 08 13:11:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137733	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	539635	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	299662	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	525088	20.000	ng	0.00
76) Chrysene-d12	14.062	240	325733	20.000	ng	0.00
86) Perylene-d12	15.539	264	295411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	998731	115.148	ng	0.01
7) Phenol-d6	6.510	99	1208369	116.882	ng	0.00
23) Nitrobenzene-d5	7.445	82	779487	87.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	387547	129.845	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1466366	77.646	ng	0.00
79) Terphenyl-d14	13.004	244	1646507	86.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	154857	38.583	ng	99
3) Pyridine	3.504	79	432180	36.988	ng	99
4) n-Nitrosodimethylamine	3.457	42	283247	46.082	ng	99
6) Aniline	6.545	93	500263	32.292	ng	99
8) 2-Chlorophenol	6.663	128	380055	44.827	ng	99
9) Benzaldehyde	6.434	77	98494	12.350	ng	99
10) Phenol	6.522	94	542306	43.877	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	409878	42.930	ng	97
12) 1,3-Dichlorobenzene	6.822	146	432666	42.633	ng	99
13) 1,4-Dichlorobenzene	6.898	146	445044	44.456	ng	100
14) 1,2-Dichlorobenzene	7.051	146	427984	44.634	ng	100
15) Benzyl Alcohol	7.022	79	362233	46.763	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	971258	44.691	ng	100
17) 2-Methylphenol	7.128	107	322010	45.957	ng	98
18) Hexachloroethane	7.398	117	147920	44.306	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	305646	43.191	ng	100
20) 3+4-Methylphenols	7.281	107	365186	44.969	ng	93
22) Acetophenone	7.292	105	493964	43.291	ng	98
24) Nitrobenzene	7.463	77	444777	45.092	ng	99
25) Isophorone	7.704	82	822412	43.912	ng	99
26) 2-Nitrophenol	7.780	139	203618	48.149	ng	99
27) 2,4-Dimethylphenol	7.816	122	379667	49.909	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	512973	43.360	ng	99
29) 2,4-Dichlorophenol	8.022	162	346843	43.771	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	351760	45.138	ng	99
31) Naphthalene	8.186	128	1054386	42.953	ng	100
32) Benzoic acid	7.933	122	261466	49.663	ng	99
33) 4-Chloroaniline	8.233	127	251428	27.310	ng	99
34) Hexachlorobutadiene	8.304	225	234554	43.313	ng	99
35) Caprolactam	8.598	113	119988m	47.624	ng	
36) 4-Chloro-3-methylphenol	8.716	107	337028	44.279	ng	98
37) 2-Methylnaphthalene	8.880	142	652883	39.928	ng	97
38) 1-Methylnaphthalene	8.980	142	664105	41.871	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	346847	41.878	ng	98
41) Hexachlorocyclopentadiene	9.033	237	354942	103.302	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	265428	43.861	ng	95

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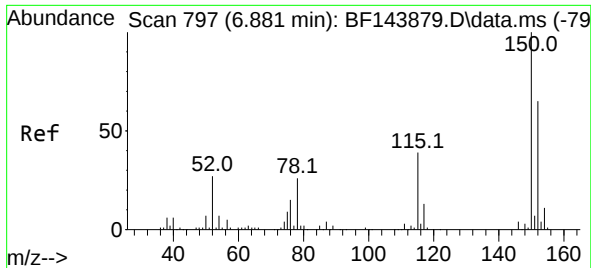
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.198	196	287996	45.034	ng	99	10/09/2025
46) 1,1'-Biphenyl	9.345	154	863125	43.504	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.369	162	700979	42.376	ng	98	
48) 2-Nitroaniline	9.463	65	249100	47.630	ng	98	
49) Acenaphthylene	9.786	152	1112130	47.822	ng	100	
50) Dimethylphthalate	9.645	163	840688	44.178	ng	100	
51) 2,6-Dinitrotoluene	9.704	165	181426	51.414	ng	95	10/09/2025
52) Acenaphthene	9.957	154	706559	46.367	ng	99	
53) 3-Nitroaniline	9.874	138	152238	35.234	ng	99	
54) 2,4-Dinitrophenol	9.986	184	190058	86.683	ng	93	
55) Dibenzofuran	10.133	168	928228	43.151	ng	100	
56) 4-Nitrophenol	10.033	139	302094	92.341	ng	93	
57) 2,4-Dinitrotoluene	10.110	165	247482	51.545	ng	98	
58) Fluorene	10.474	166	695018	42.819	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.245	232	214889	47.469	ng	# 100	
60) Diethylphthalate	10.351	149	778998	44.064	ng	99	
61) 4-Chlorophenyl-phenyle...	10.469	204	361557	42.132	ng	99	
62) 4-Nitroaniline	10.492	138	195874	47.143	ng	100	
63) Azobenzene	10.627	77	830143	44.929	ng	99	
65) 4,6-Dinitro-2-methylph...	10.521	198	129335	49.015	ng	98	
66) n-Nitrosodiphenylamine	10.586	169	729765	44.262	ng	100	
67) 4-Bromophenyl-phenylether	10.957	248	251258	43.298	ng	100	
68) Hexachlorobenzene	11.021	284	293252	43.650	ng	100	
69) Atrazine	11.116	200	219539	43.932	ng	99	
70) Pentachlorophenol	11.216	266	355404	92.110	ng	98	
71) Phenanthrene	11.439	178	1087067	42.703	ng	99	
72) Anthracene	11.492	178	1102433	42.868	ng	99	
73) Carbazole	11.645	167	991218	43.519	ng	99	
74) Di-n-butylphthalate	11.974	149	1222278	46.303	ng	100	
75) Fluoranthene	12.633	202	1173900	44.644	ng	99	
77) Benzidine	12.751	184	268029	23.698	ng	98	
78) Pyrene	12.863	202	1195036	44.006	ng	99	
80) Butylbenzylphthalate	13.480	149	440678	49.967	ng	98	
81) Benzo(a)anthracene	14.051	228	923240	43.312	ng	99	
82) 3,3'-Dichlorobenzidine	14.015	252	244058	37.570	ng	99	
83) Chrysene	14.092	228	896979	45.466	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.039	149	531572	50.001	ng	99	
85) Di-n-octyl phthalate	14.656	149	838370	48.013	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.039	276	862085	47.626	ng	99	
88) Benzo(b)fluoranthene	15.109	252	803793	47.367	ng	99	
89) Benzo(k)fluoranthene	15.139	252	795124	50.638	ng	99	
90) Benzo(a)pyrene	15.480	252	740931	50.355	ng	99	
91) Dibenzo(a,h)anthracene	17.056	278	712892	48.969	ng	98	
92) Benzo(g,h,i)perylene	17.492	276	714155	49.055	ng	98	

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

Manual Integrations APPROVED

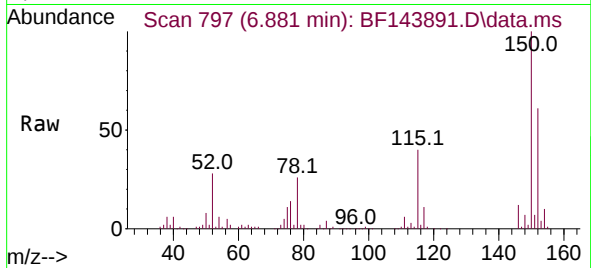
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

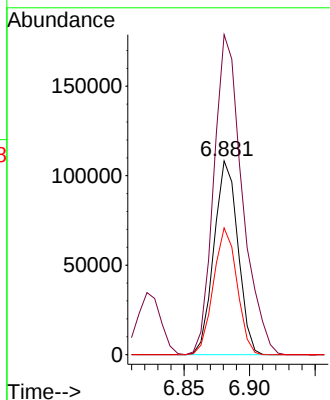
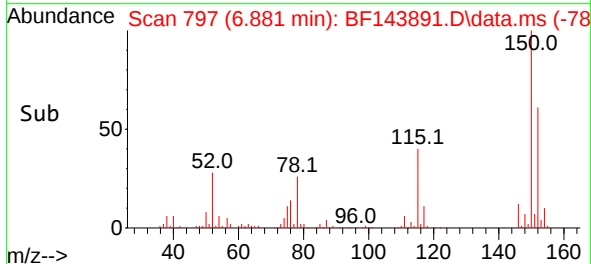
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:152 Resp: 137733
Ion Ratio Lower Upper
152 100
150 165.2 124.4 186.6
115 65.4 48.1 72.1

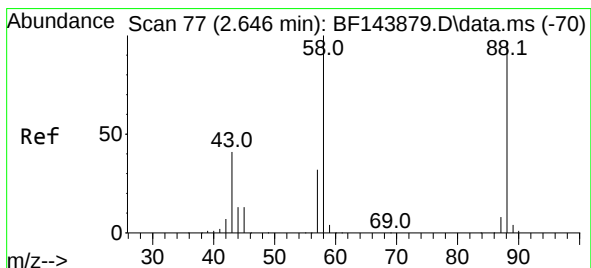
Manual Integrations
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Chavli

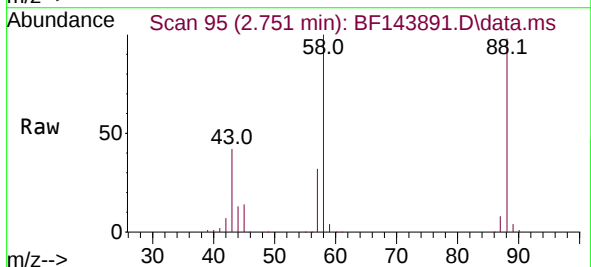


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Supervised By :Jagrut
Upadhyay

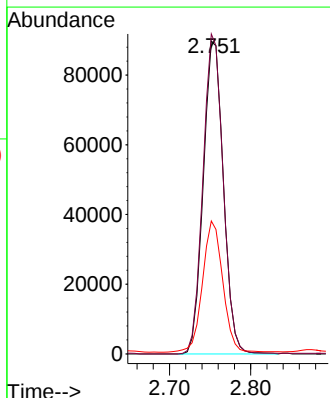
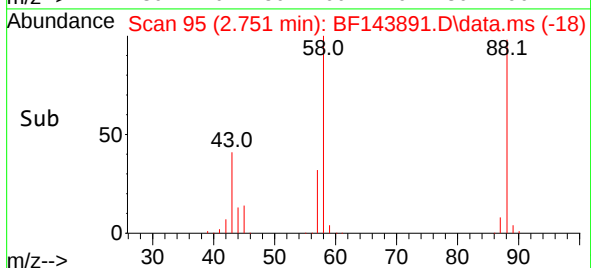
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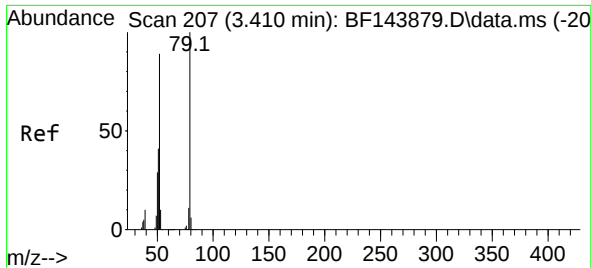


#2
1,4-Dioxane
Concen: 38.583 ng
RT: 2.751 min Scan# 95
Delta R.T. 0.106 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



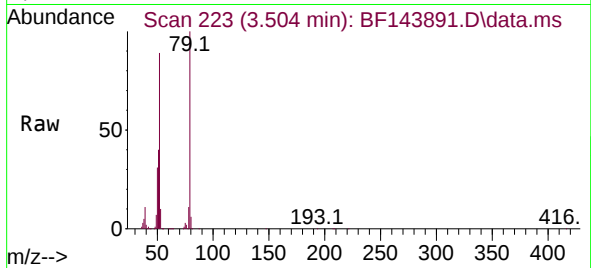
Tgt Ion: 88 Resp: 154857
Ion Ratio Lower Upper
88 100
58 102.6 83.0 124.6
43 42.3 33.9 50.9





#3
Pyridine
Concen: 36.988 ng
RT: 3.504 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

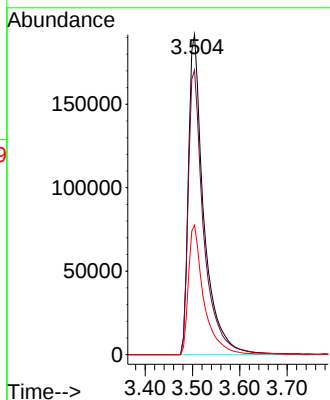
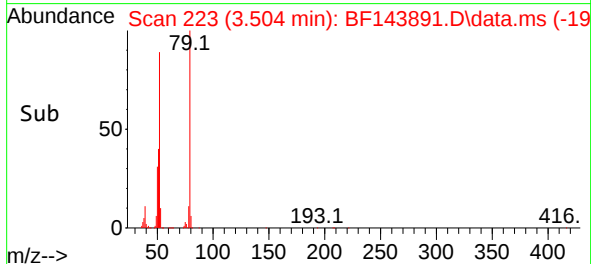
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 432180
Ion Ratio Lower Upper
79 100
52 88.9 71.5 107.3
51 40.5 32.9 49.3

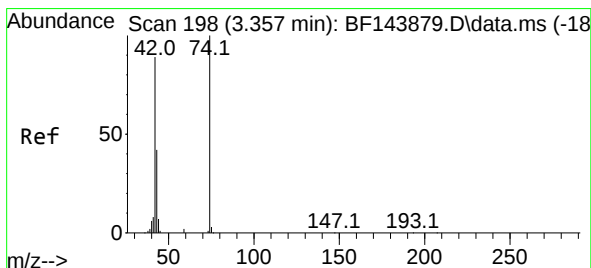
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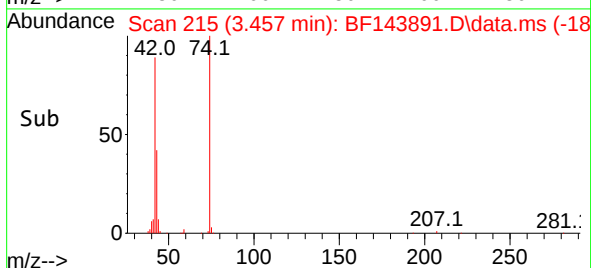
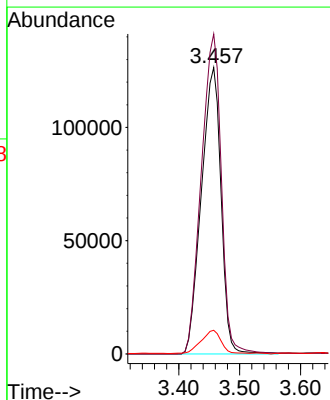
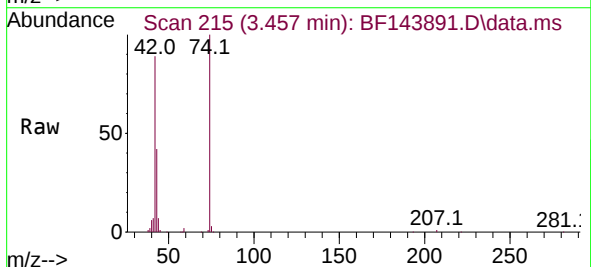
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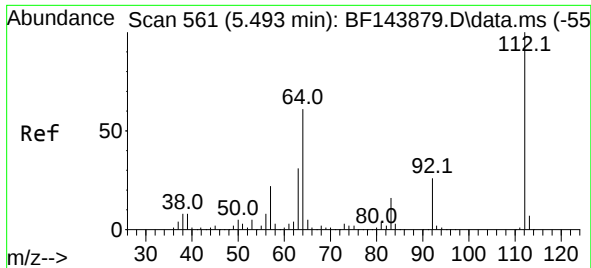
10/09/2025



#4
n-Nitrosodimethylamine
Concen: 46.082 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.071 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion: 42 Resp: 283247
Ion Ratio Lower Upper
42 100
74 111.7 90.0 135.0
44 8.2 6.2 9.2





#5
2-Fluorophenol
Concen: 115.148 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

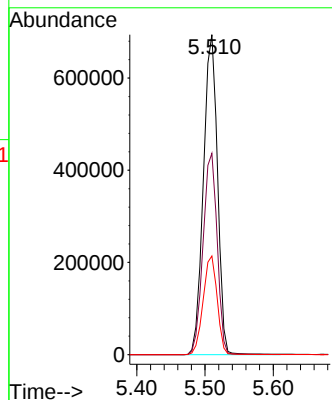
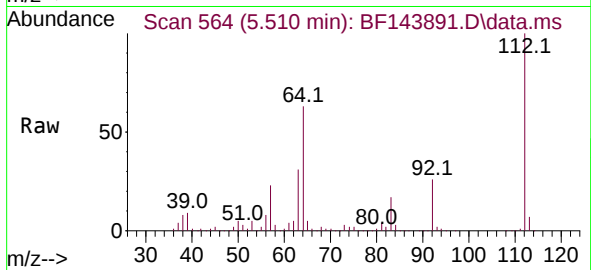
ClientSampleId :

PB169953BS

Tgt Ion:112 Resp: 998731
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 30.8 24.5 36.7

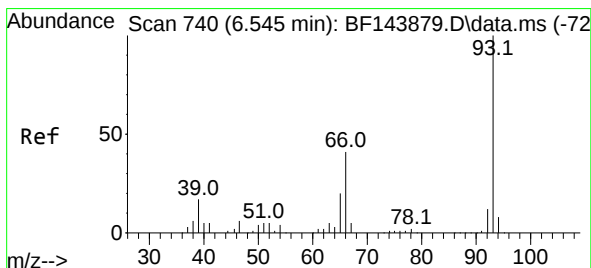
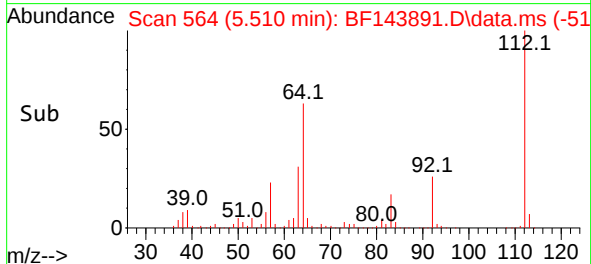
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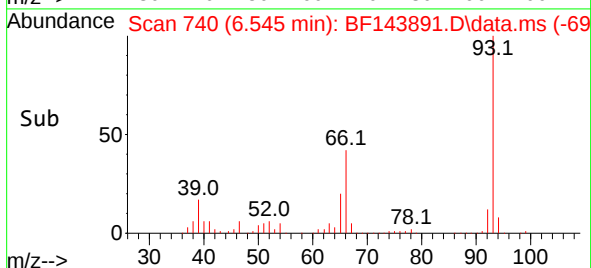
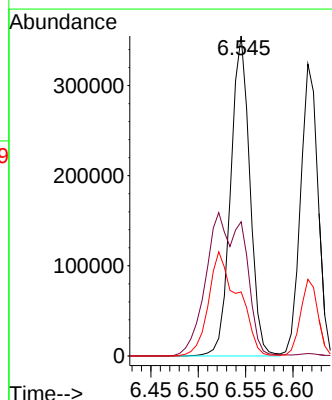
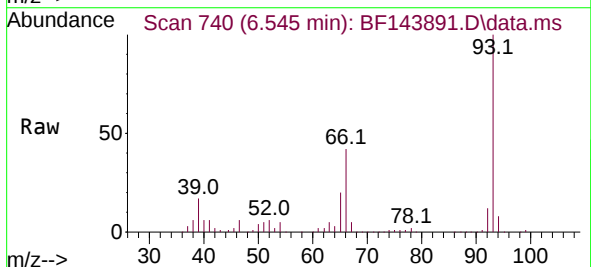
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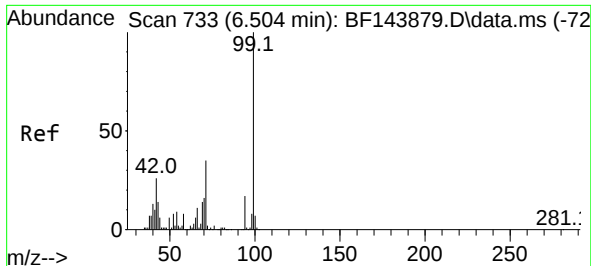
10/09/2025



#6
Aniline
Concen: 32.292 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

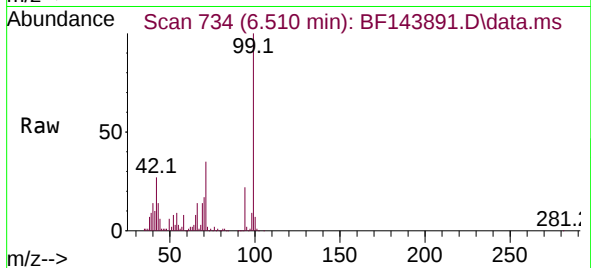
Tgt Ion: 93 Resp: 500263
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.0 15.8 23.8





#7
Phenol-d6
Concen: 116.882 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

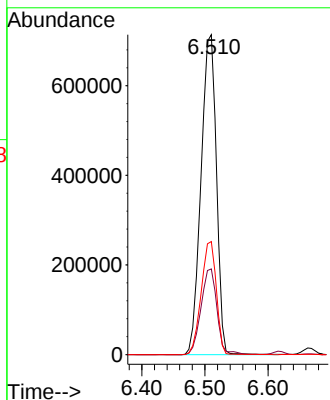
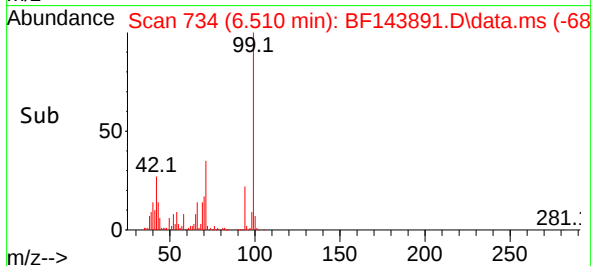
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1208369
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 35.3 27.8 41.8

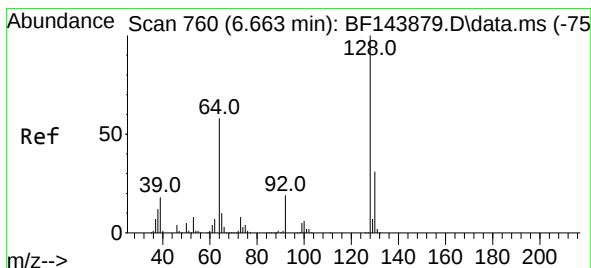
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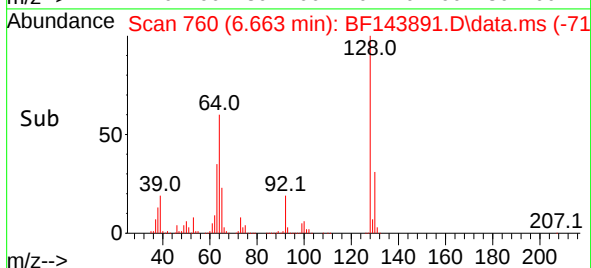
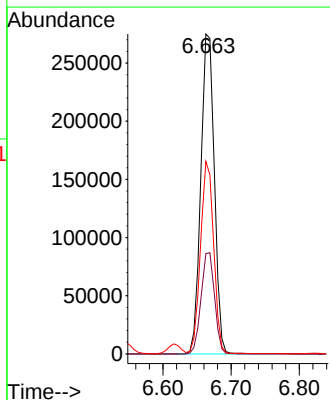
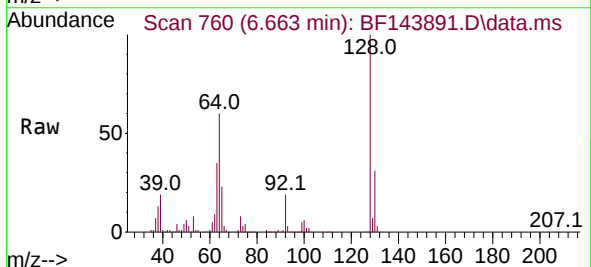
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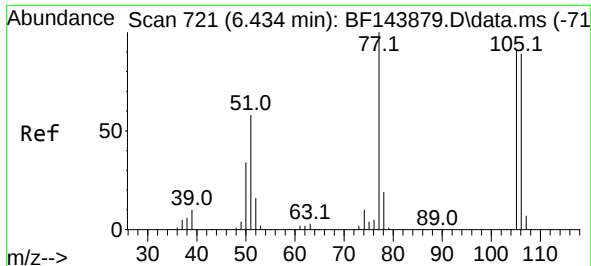
10/09/2025



#8
2-Chlorophenol
Concen: 44.827 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

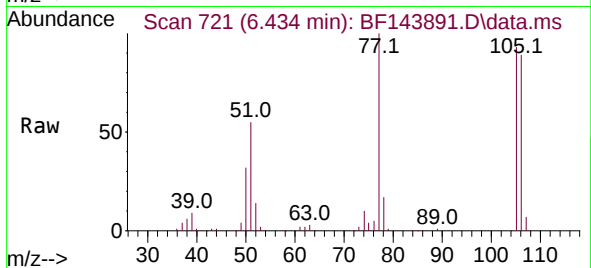
Tgt Ion:128 Resp: 380055
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 60.1 39.0 79.0





#9
Benzaldehyde
Concen: 12.350 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

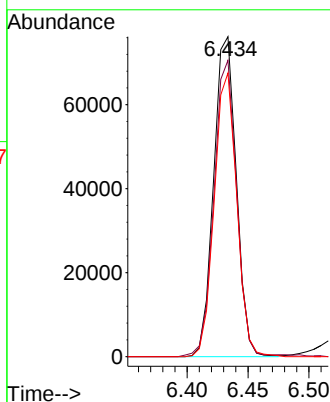
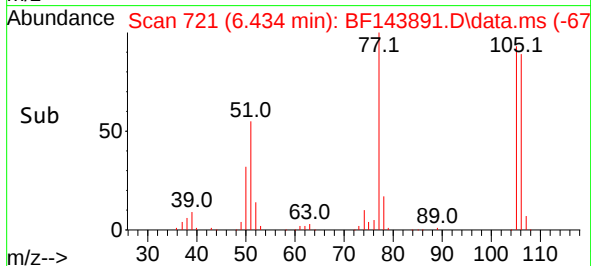
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 98494
Ion Ratio Lower Upper
77 100
105 92.6 70.9 110.9
106 88.6 68.9 108.9

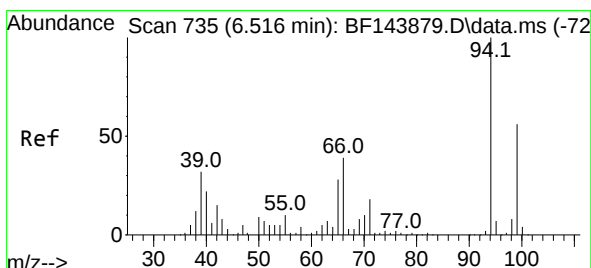
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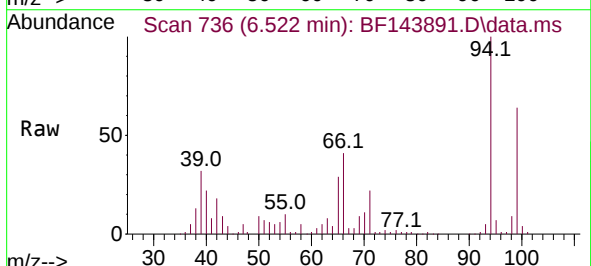


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Upadhyay

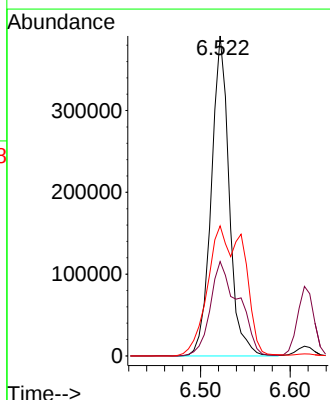
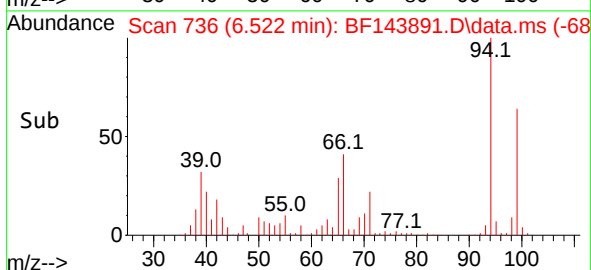
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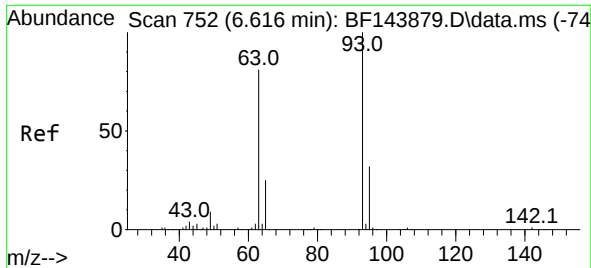


#10
Phenol
Concen: 43.877 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion: 94 Resp: 542306
Ion Ratio Lower Upper
94 100
65 29.5 8.5 48.5
66 40.6 19.9 59.9





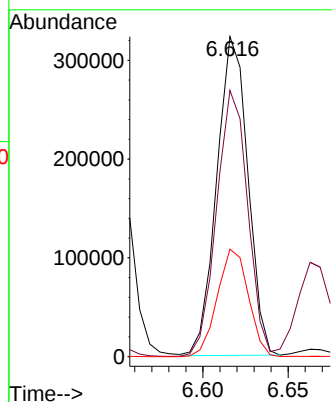
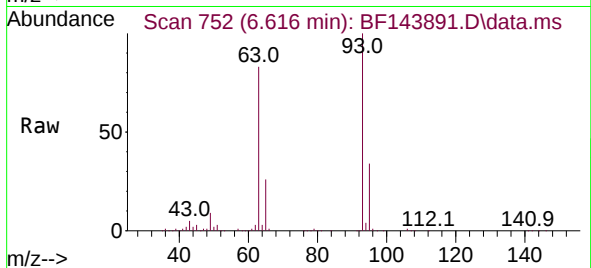
#11
bis(2-Chloroethyl)ether
Concen: 42.930 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion: 93 Resp: 409878
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 33.6 11.5 51.5

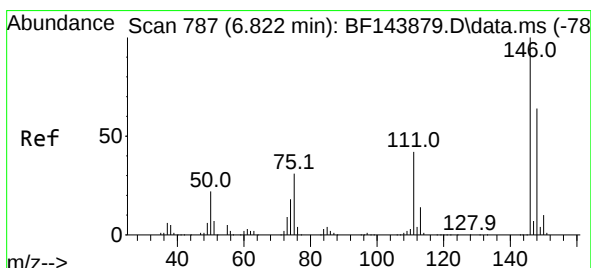
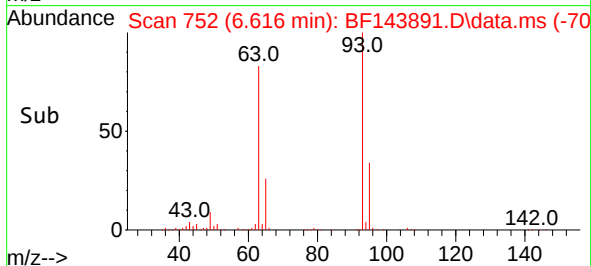
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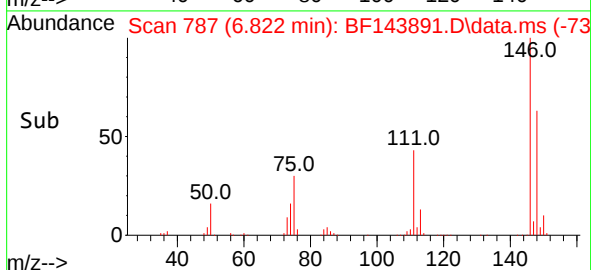
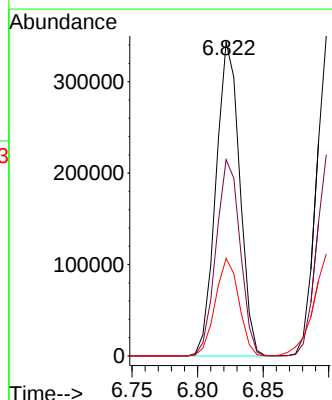
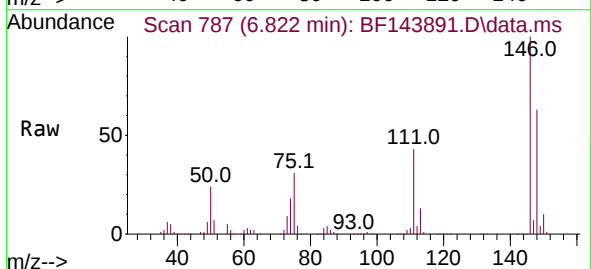
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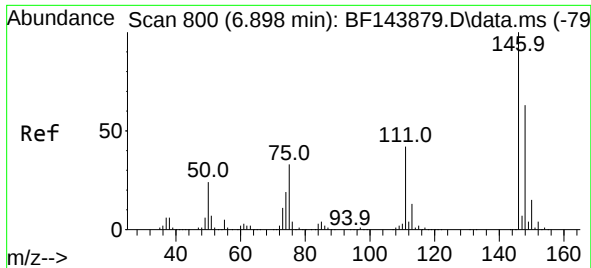
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#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:146 Resp: 432666
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
75 31.0 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 44.456 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

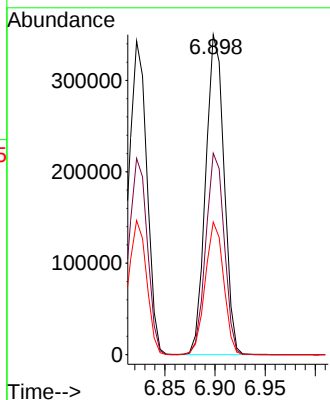
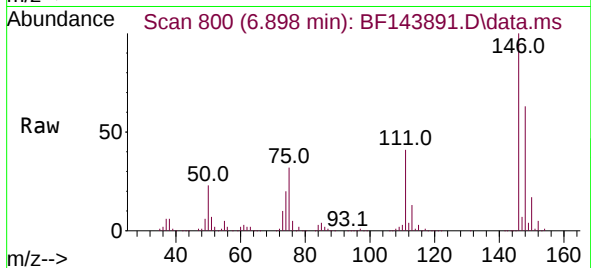
ClientSampleId :

PB169953BS

Tgt Ion:146 Resp: 445044
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 41.4 33.4 50.0

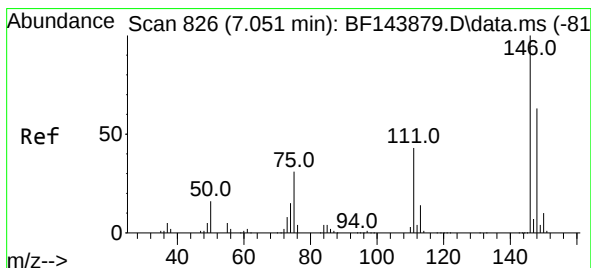
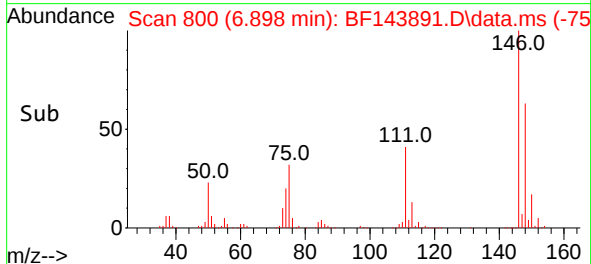
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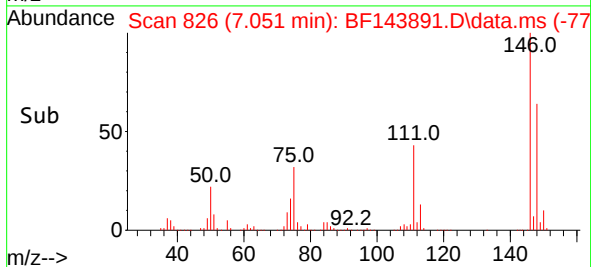
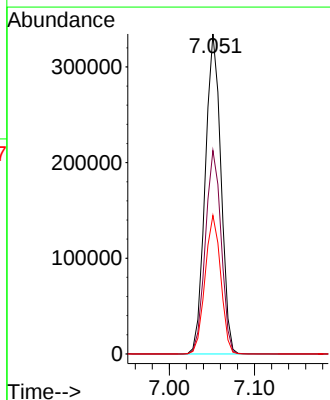
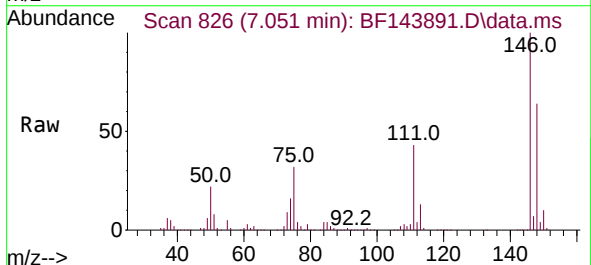
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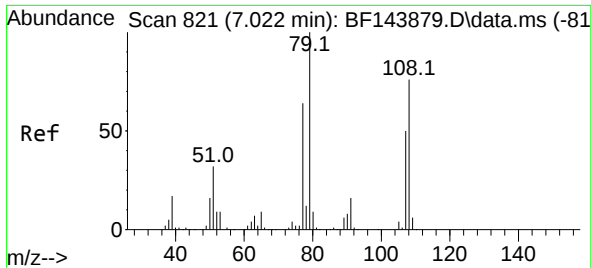
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#14
1,2-Dichlorobenzene
Concen: 44.634 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:146 Resp: 427984
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 43.3 34.6 51.8





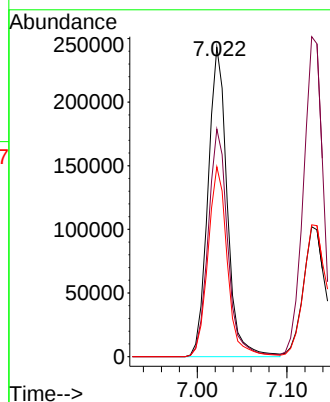
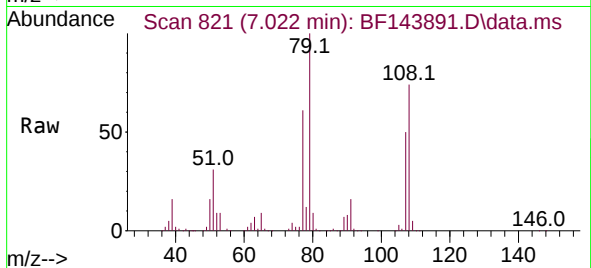
#15
Benzyl Alcohol
Concen: 46.763 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion: 79 Resp: 362233
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 61.4 51.0 76.6

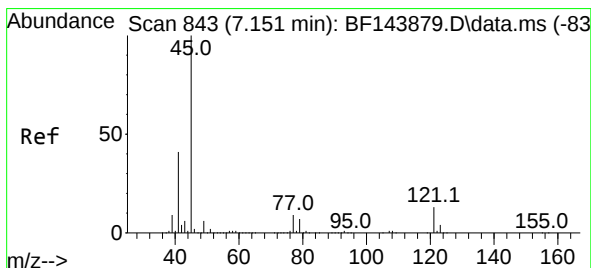
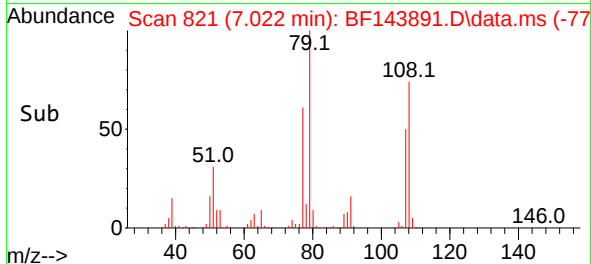
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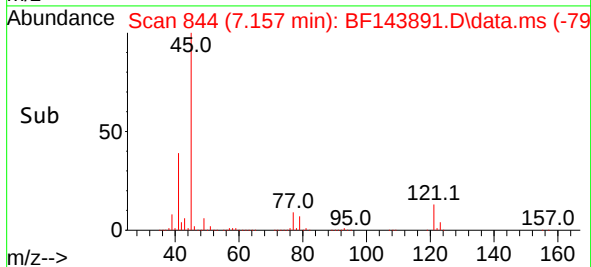
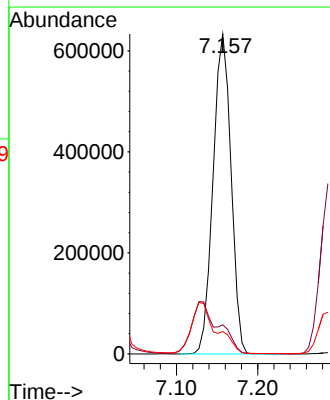
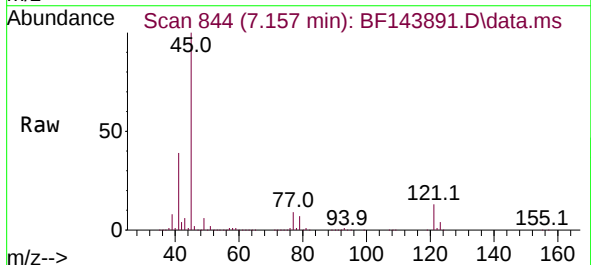
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Upadhyay

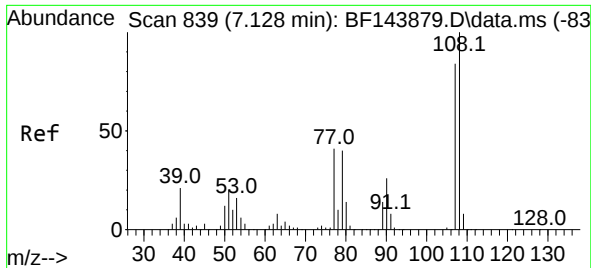
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.691 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

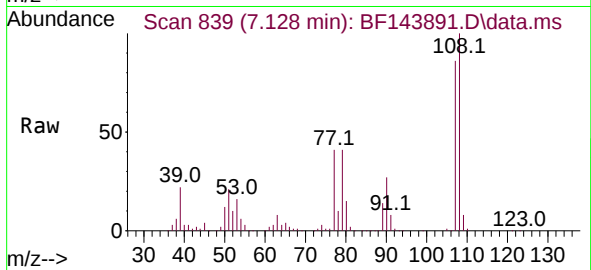
Tgt Ion: 45 Resp: 971258
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.0 0.0 26.8





#17
2-Methylphenol
Concen: 45.957 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

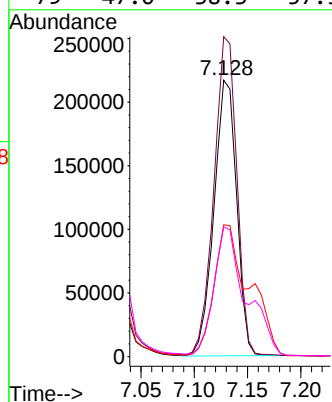
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:107 Resp: 322010
Ion Ratio Lower Upper
107 100
108 115.8 94.7 142.1
77 47.7 38.8 58.2
79 47.0 38.3 57.5

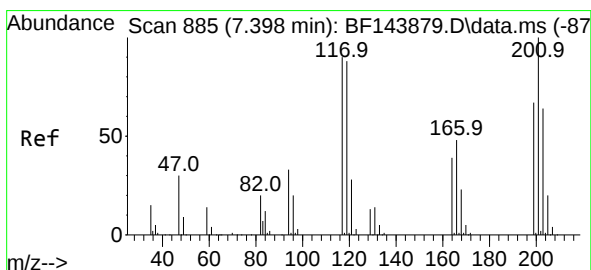
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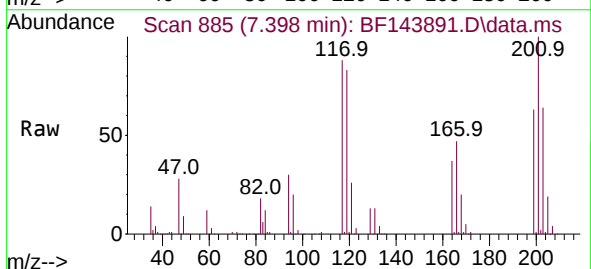


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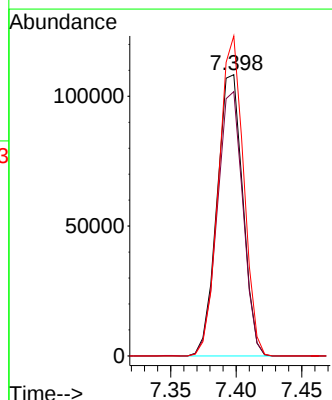
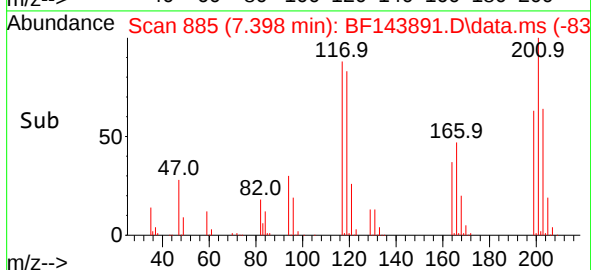
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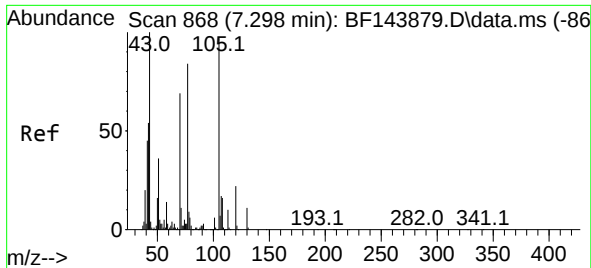


#18
Hexachloroethane
Concen: 44.306 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



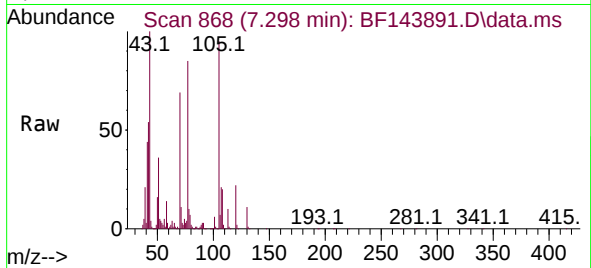
Tgt Ion:117 Resp: 147920
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.8
201 113.8 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.191 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

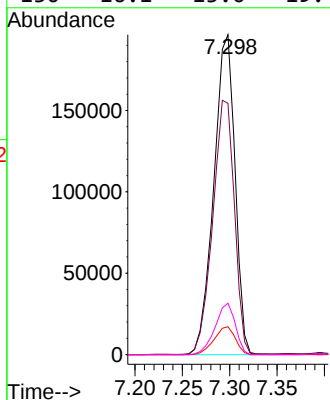
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:	70	Resp:	305646
Ion Ratio	70	100	
Lower	42	78.5	62.8
Upper	101	8.7	6.7
	130	16.1	13.0

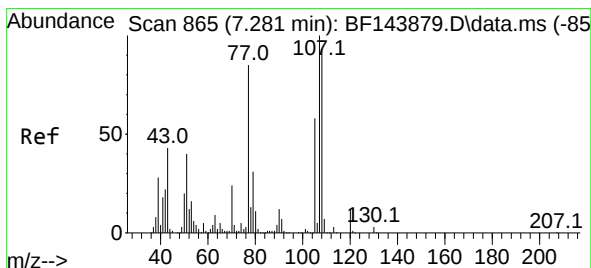
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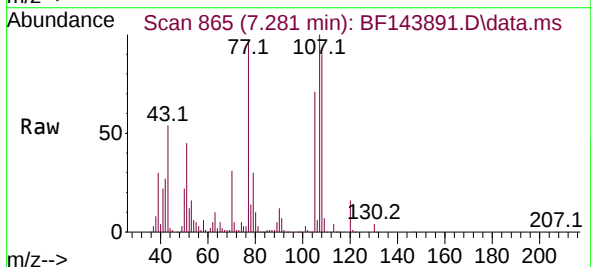


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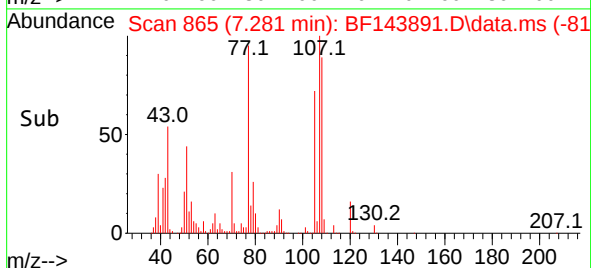
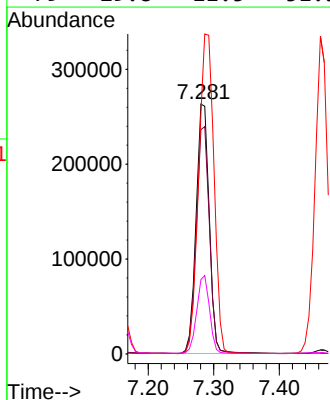
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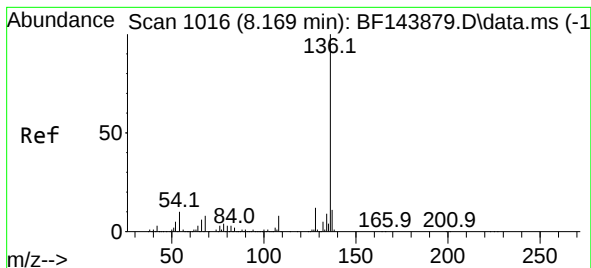


#20
3+4-Methylphenols
Concen: 44.969 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:	107	Resp:	365186
Ion Ratio	107	100	
Lower	108	89.7	73.0
Upper	77	96.3	64.6
	79	29.8	11.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

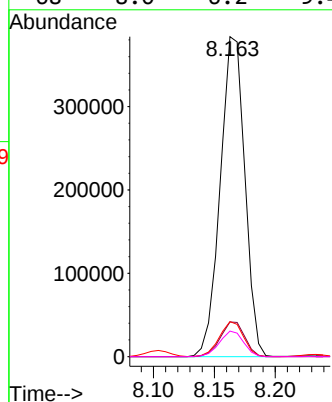
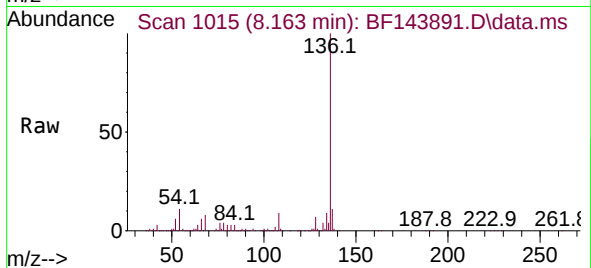
ClientSampleId :

PB169953BS

Tgt Ion:136	Resp: 53963
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 10.9	8.2 12.4
68 8.0	6.2 9.4

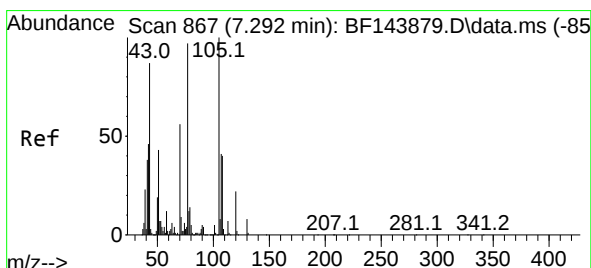
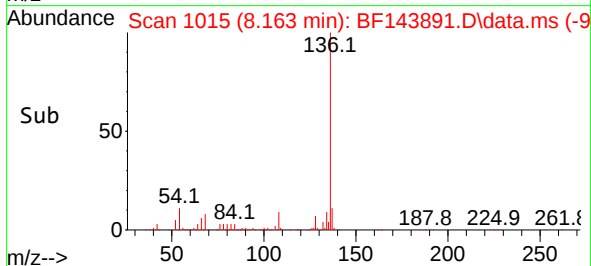
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#22

Acetophenone

Concen: 43.291 ng

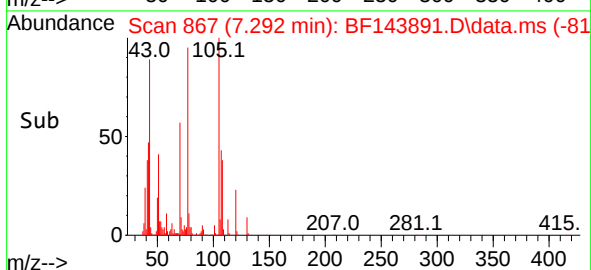
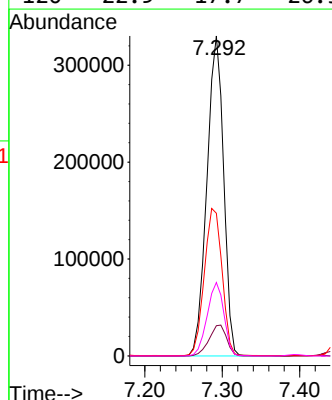
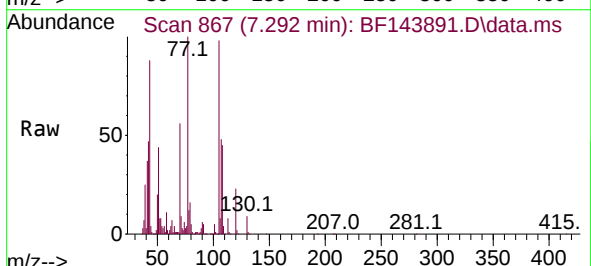
RT: 7.292 min Scan# 867

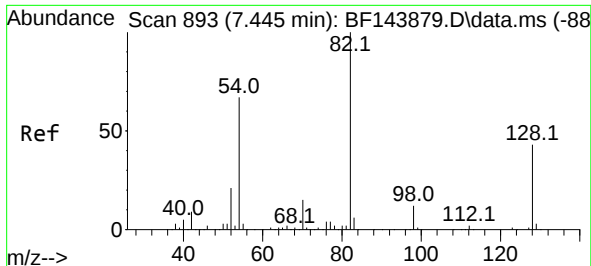
Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:105	Resp: 493964
Ion Ratio	Lower Upper
105 100	
71 9.4	7.4 11.0
51 44.6	34.2 51.4
120 22.9	17.7 26.5





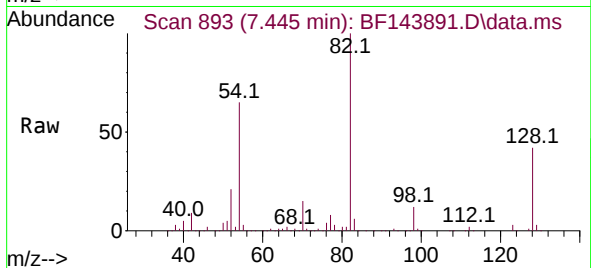
#23
Nitrobenzene-d5
Concen: 87.759 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

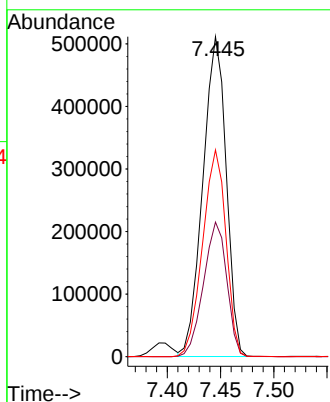
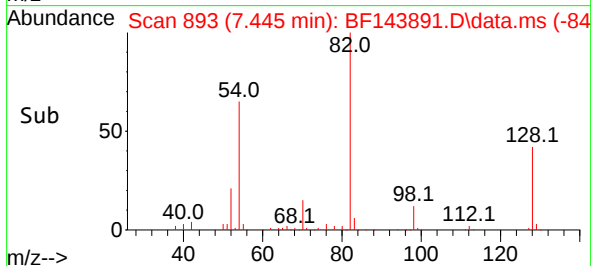
PB169953BS



Tgt Ion: 82 Resp: 779482
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 64.6 53.2 79.8

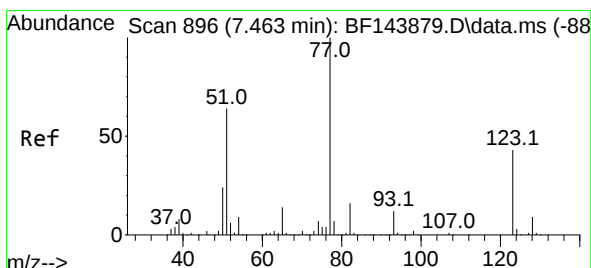
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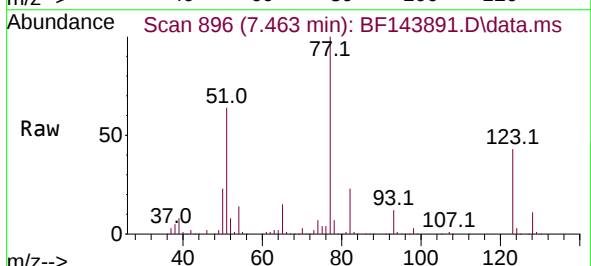


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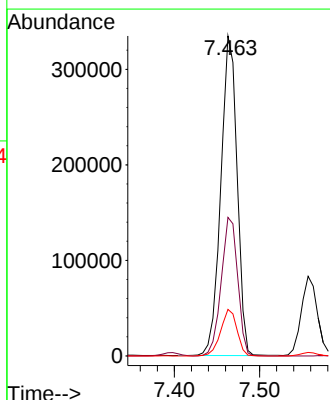
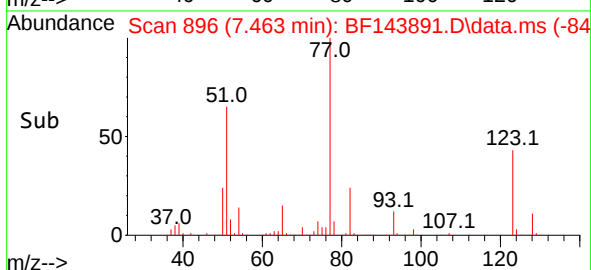
10/09/2025

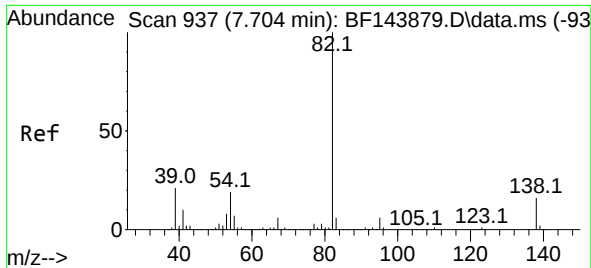


#24
Nitrobenzene
Concen: 45.092 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



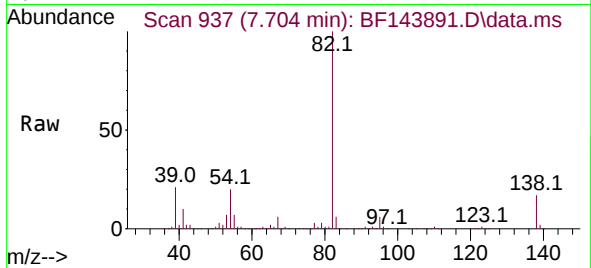
Tgt Ion: 77 Resp: 444777
Ion Ratio Lower Upper
77 100
123 43.3 34.2 51.4
65 14.5 11.0 16.6





#25
Isophorone
Concen: 43.912 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

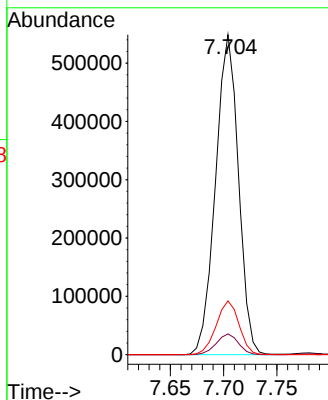
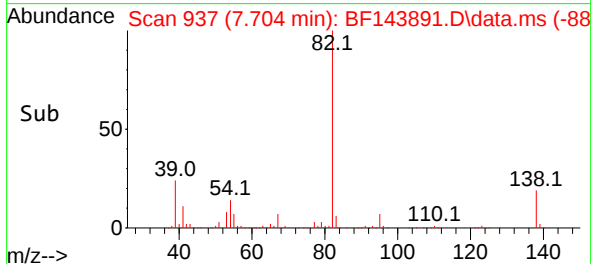
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion: 82 Resp: 822412
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.8 12.9 19.3

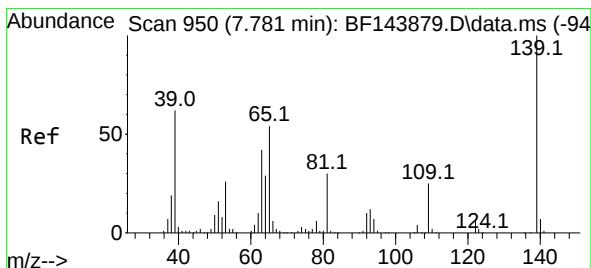
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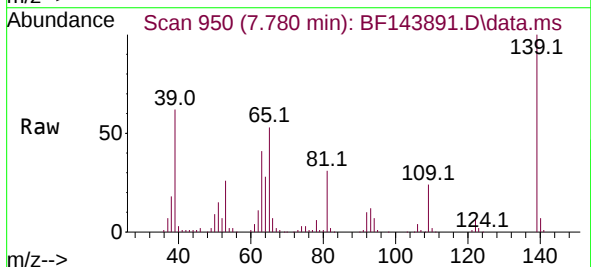


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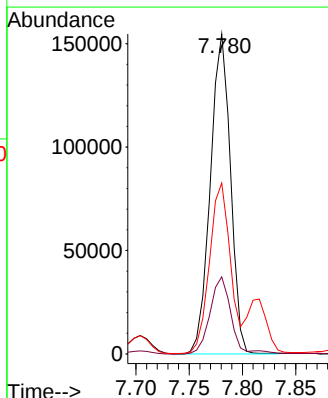
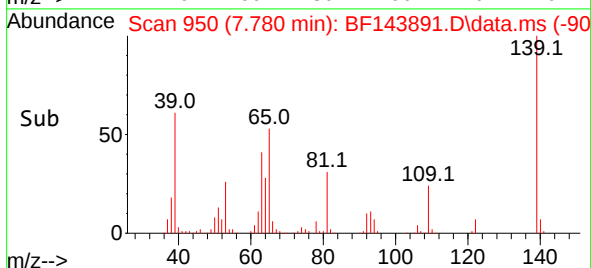
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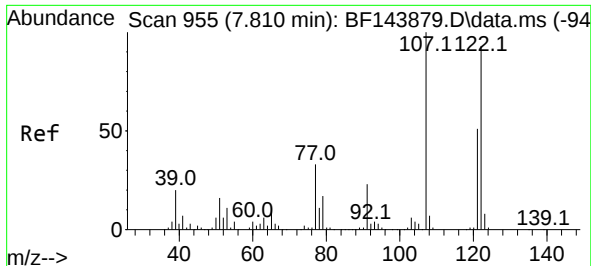


#26
2-Nitrophenol
Concen: 48.149 ng
RT: 7.780 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:139 Resp: 203618
Ion Ratio Lower Upper
139 100
109 24.1 19.8 29.6
65 53.4 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 49.909 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

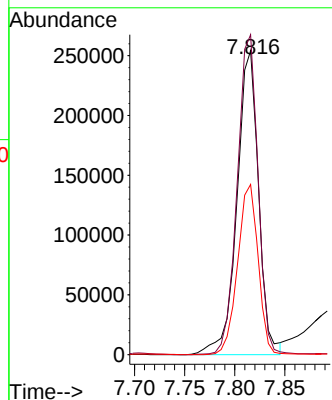
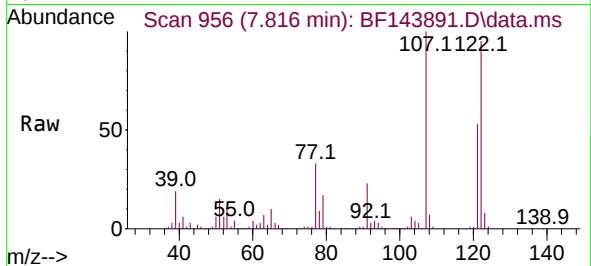
ClientSampleId :

PB169953BS

Tgt Ion:122 Resp: 379662
Ion Ratio Lower Upper
122 100
107 105.3 86.1 129.1
121 56.0 43.8 65.6

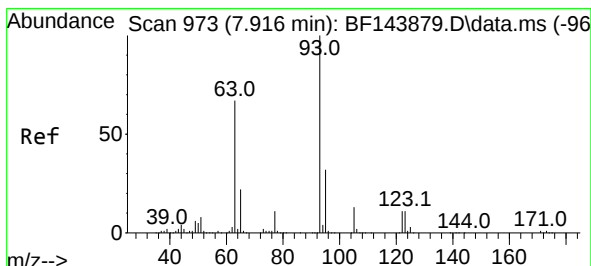
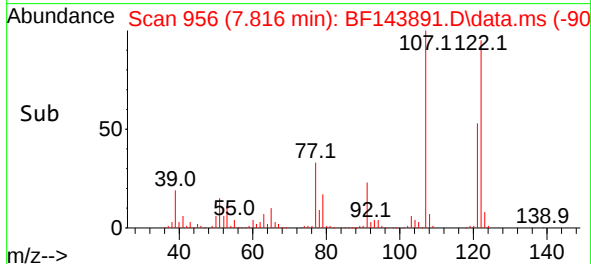
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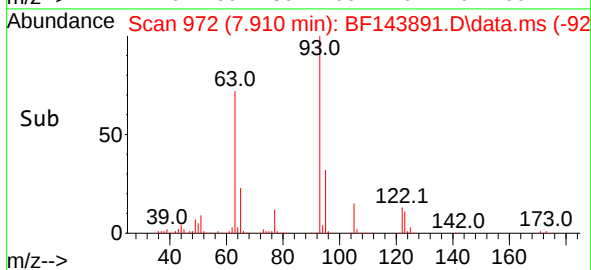
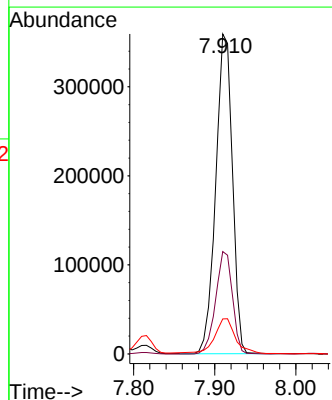
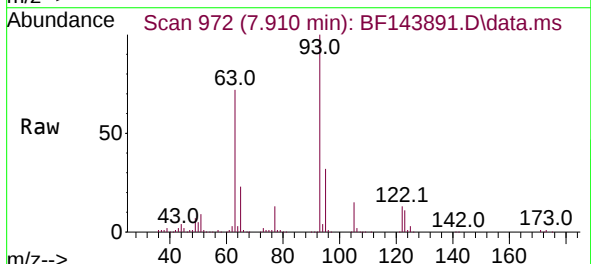
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Upadhyay

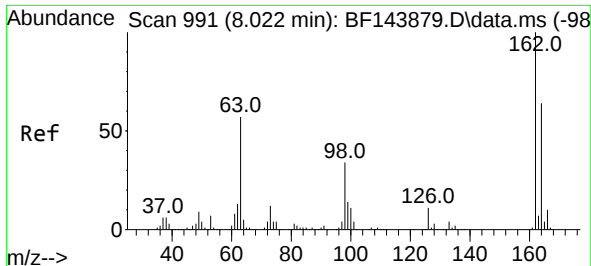
10/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.360 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion: 93 Resp: 512973
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.771 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143891.D

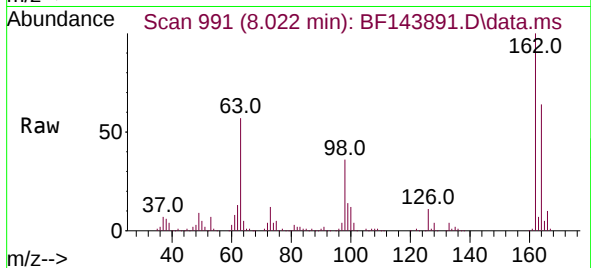
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

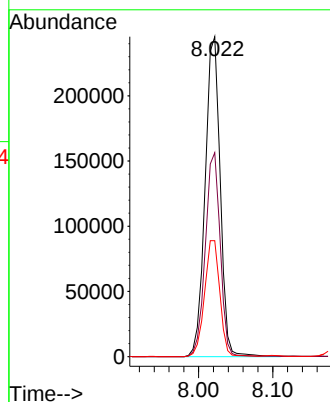
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Tgt Ion:162	Resp:	346843
Ion Ratio	Lower	Upper
162	100	
164	63.7	43.9 83.9
98	36.2	14.4 54.4

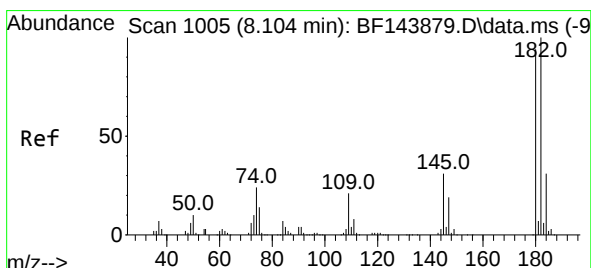
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#30

1,2,4-Trichlorobenzene

Concen: 45.138 ng

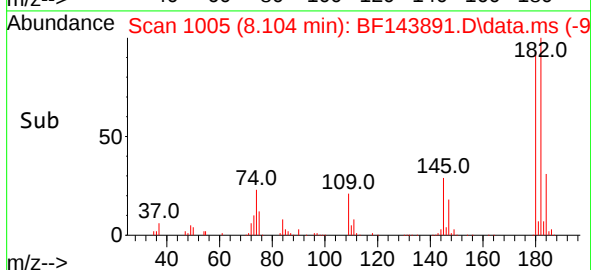
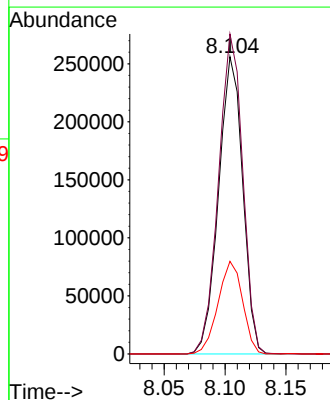
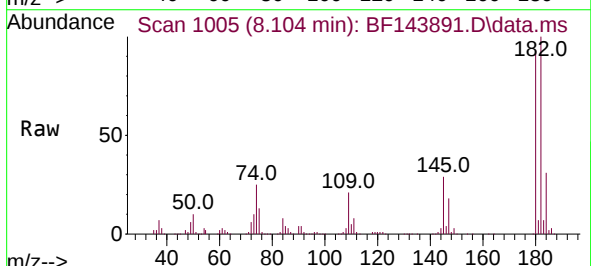
RT: 8.104 min Scan# 1005

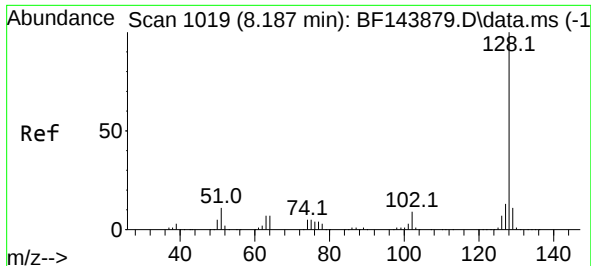
Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:180	Resp:	351760
Ion Ratio	Lower	Upper
180	100	
182	107.7	85.4 128.0
145	31.1	26.3 39.5





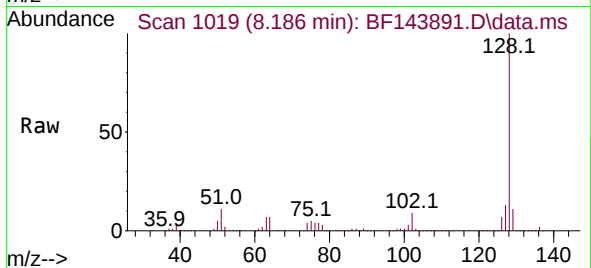
#31
Naphthalene
Concen: 42.953 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

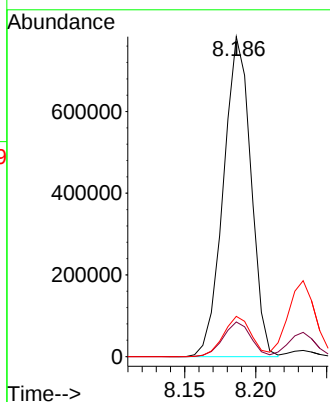
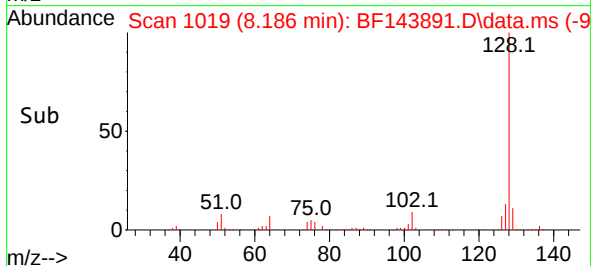
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Tgt Ion:128 Resp: 1054386
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.0 15.0

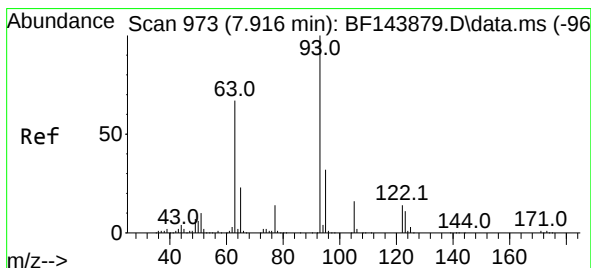
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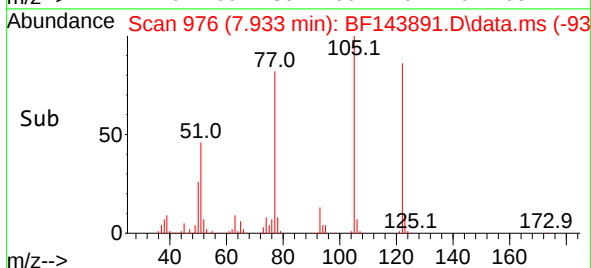
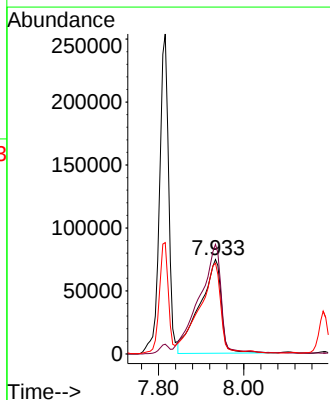
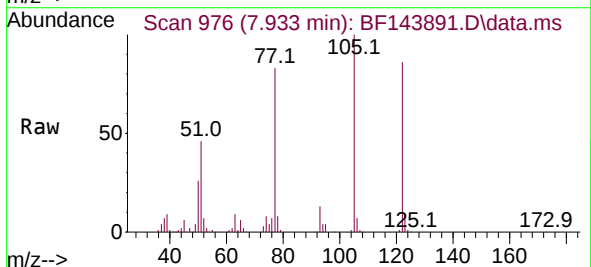
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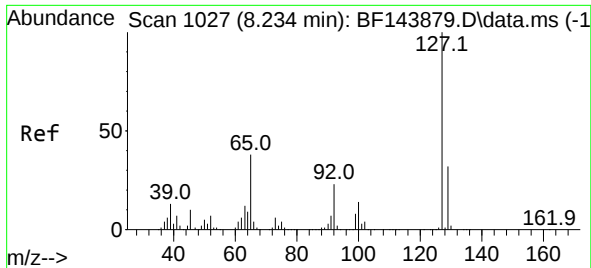
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#32
Benzoic acid
Concen: 49.663 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:122 Resp: 261466
Ion Ratio Lower Upper
122 100
105 116.1 93.5 133.5
77 96.2 76.3 116.3





#33
4-Chloroaniline
Concen: 27.310 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

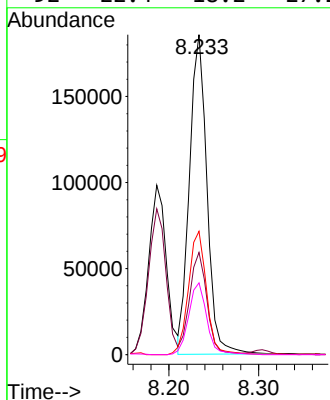
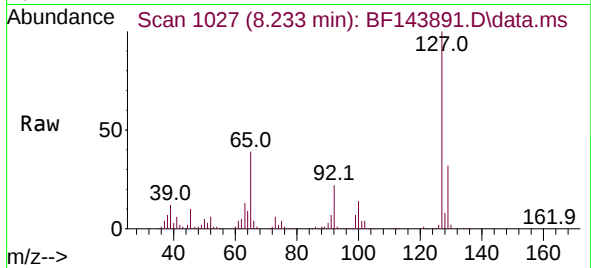
ClientSampleId :

PB169953BS

Tgt Ion:127 Resp: 251428
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 38.5 30.0 45.0
92 22.4 18.2 27.2

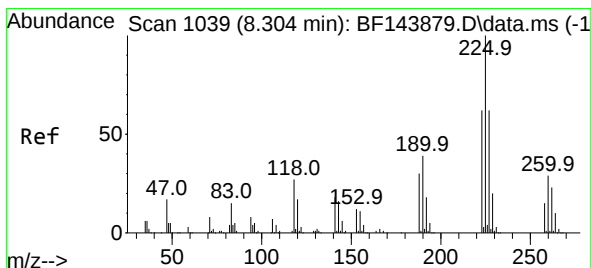
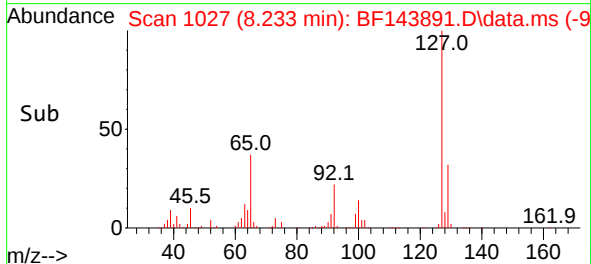
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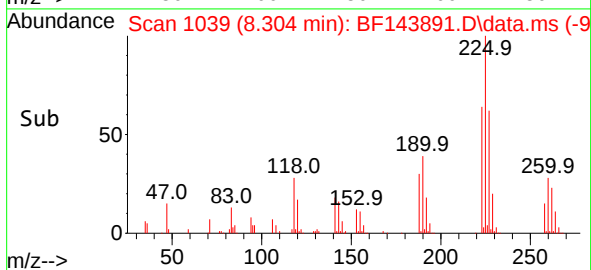
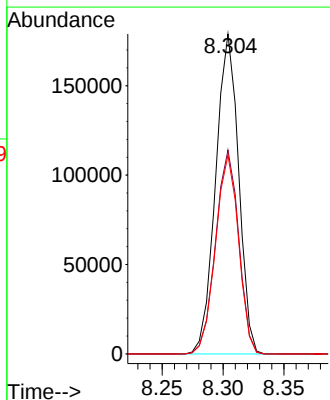
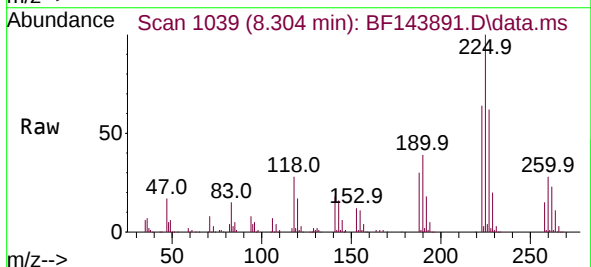
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Upadhyay

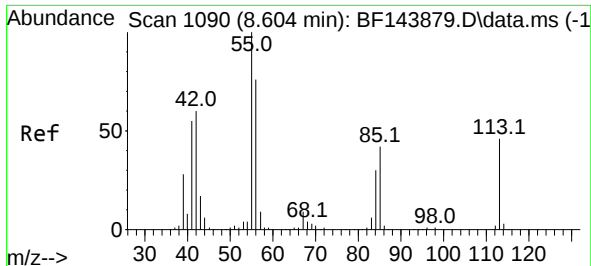
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#34
Hexachlorobutadiene
Concen: 43.313 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:225 Resp: 234554
Ion Ratio Lower Upper
225 100
223 63.7 49.4 74.2
227 62.0 49.7 74.5





#35
Caprolactam
Concen: 47.624 ng m
RT: 8.598 min Scan# 1090
Delta R.T. -0.047 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

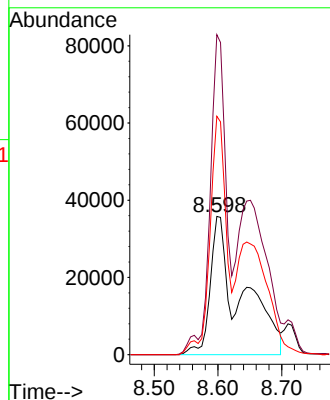
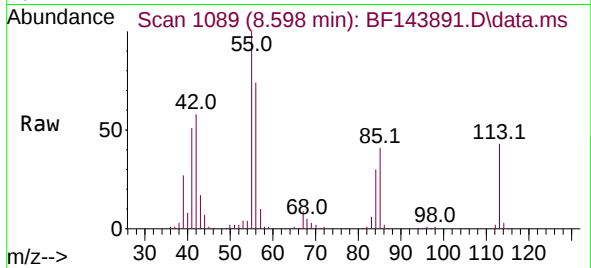
ClientSampleId :

PB169953BS

Tgt Ion:113 Resp: 119988
Ion Ratio Lower Upper
113 100
55 231.5 199.6 239.6
56 172.5 146.0 186.0

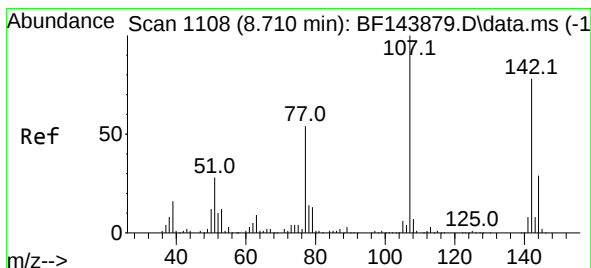
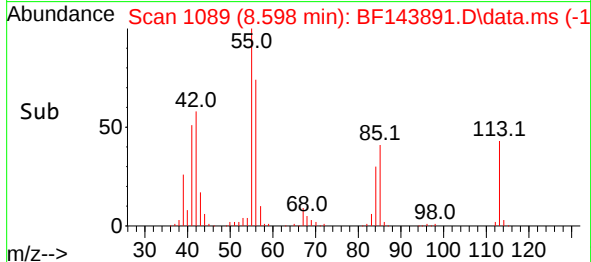
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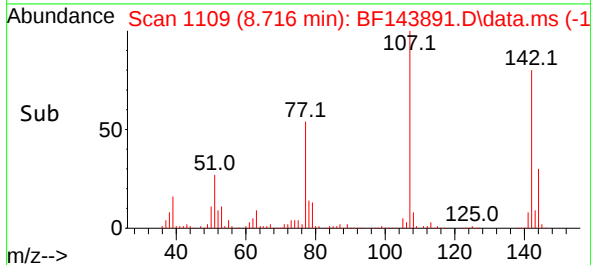
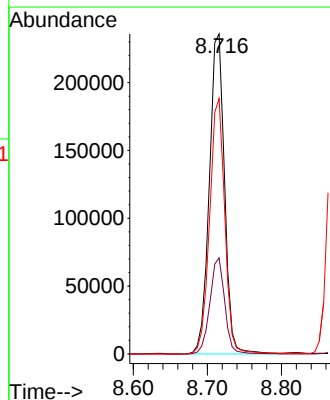
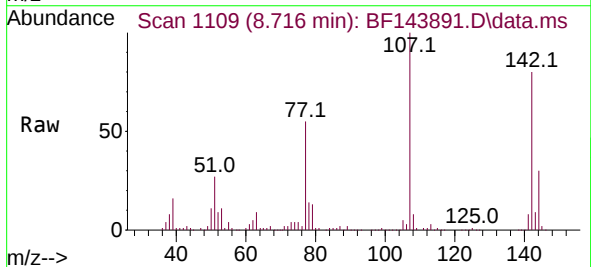
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Upadhyay

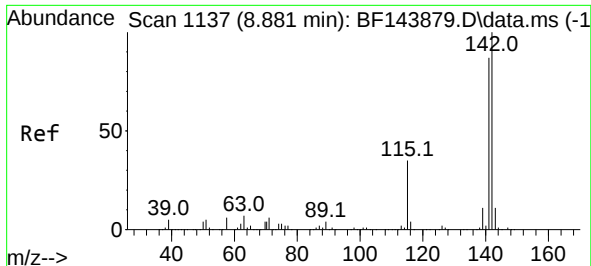
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#36
4-Chloro-3-methylphenol
Concen: 44.279 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

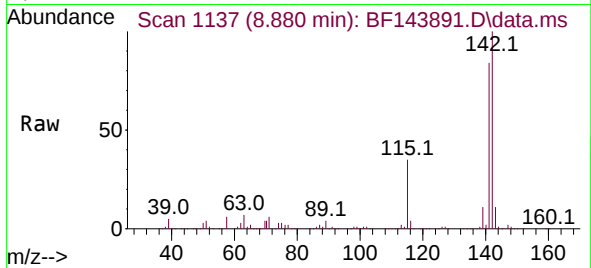
Tgt Ion:107 Resp: 337028
Ion Ratio Lower Upper
107 100
144 30.0 23.1 34.7
142 79.8 62.6 94.0





#37
2-Methylnaphthalene
Concen: 39.928 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

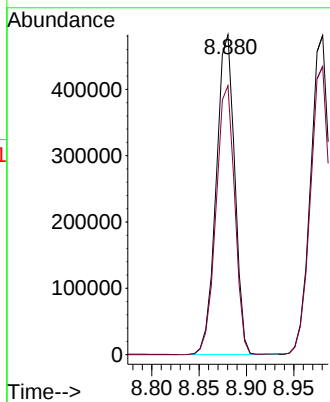
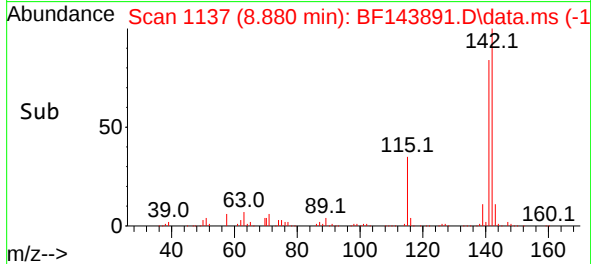
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:142 Resp: 652883
Ion Ratio Lower Upper
142 100
141 84.0 69.2 103.8

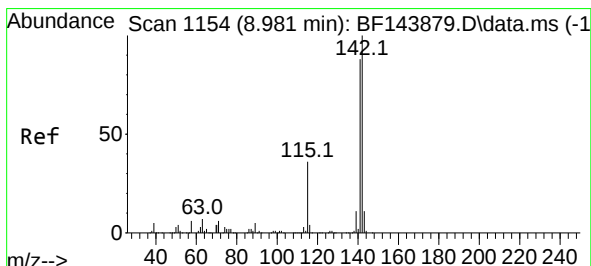
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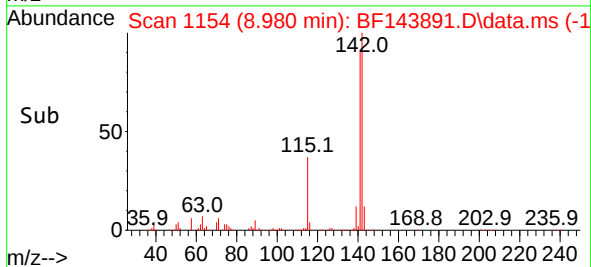
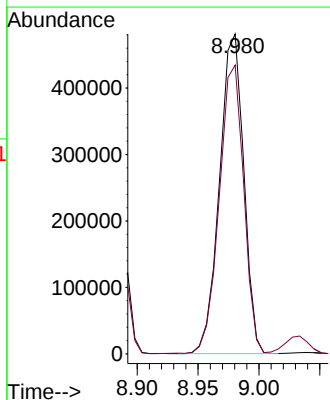
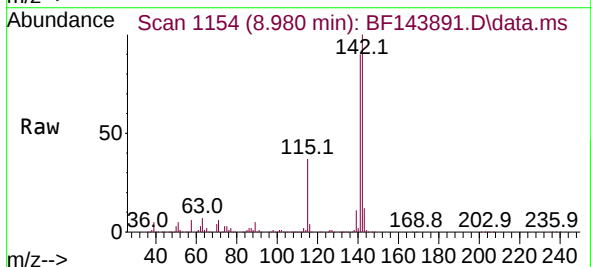
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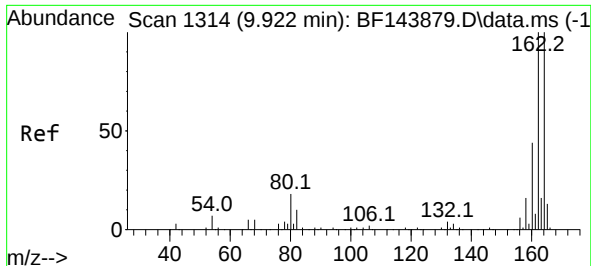
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#38
1-Methylnaphthalene
Concen: 41.871 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

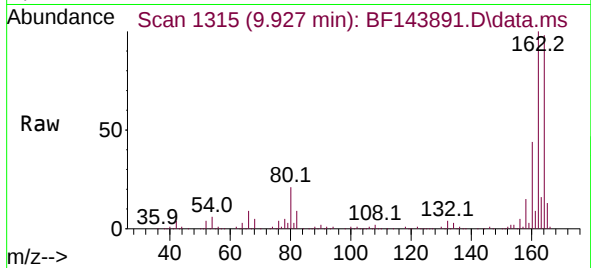
Tgt Ion:142 Resp: 664105
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

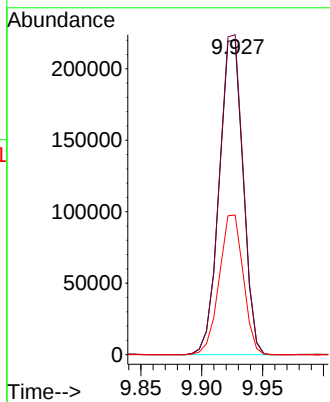
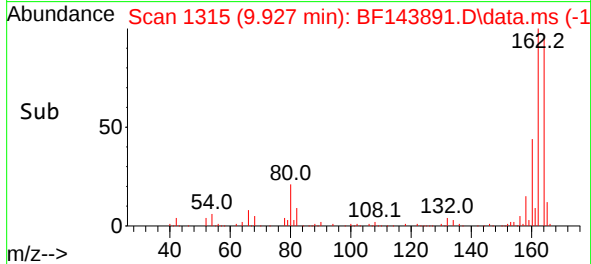
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:164 Resp: 299662
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 44.4 35.4 53.0

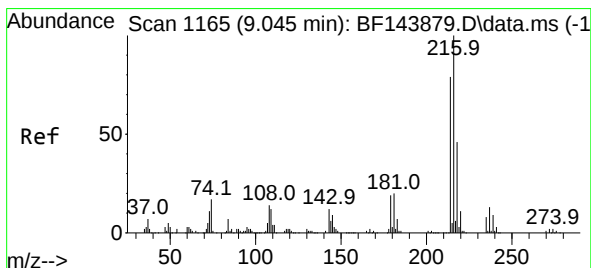
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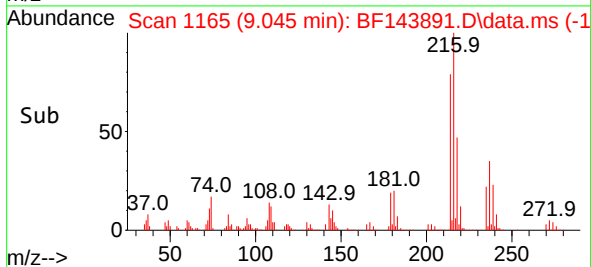
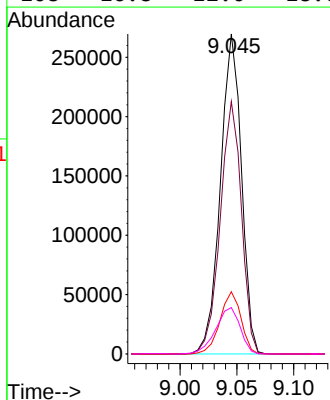
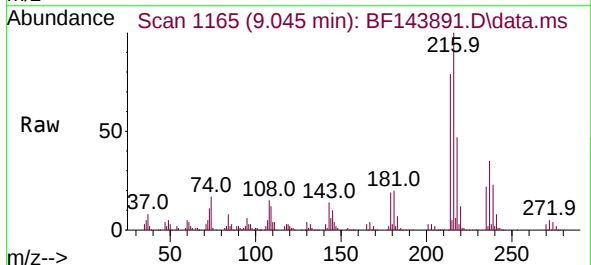
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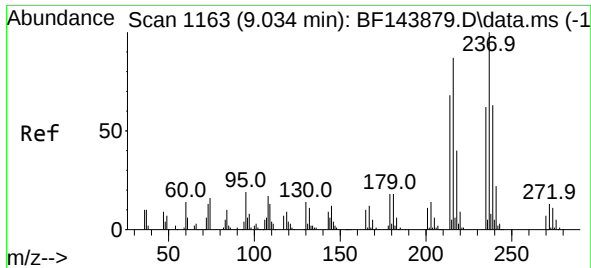
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.878 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

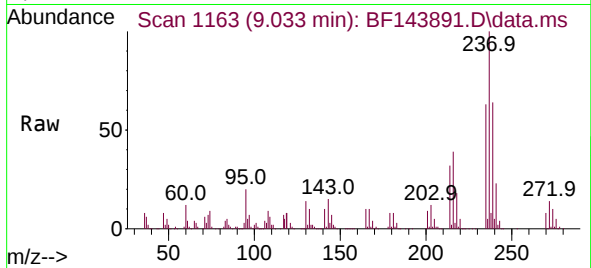
Tgt Ion:216 Resp: 346847
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 19.4 15.4 23.0
108 16.8 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 103.302 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

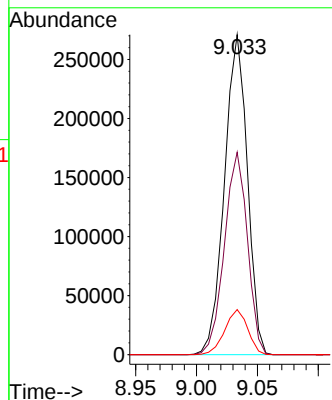
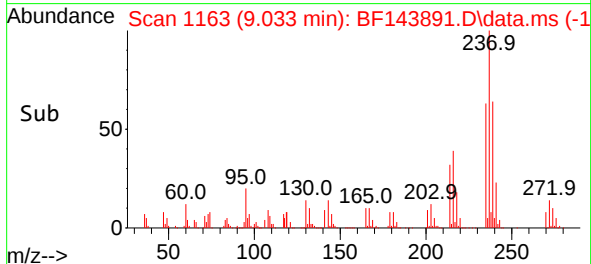
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:237 Resp: 354942
Ion Ratio Lower Upper
237 100
235 63.2 42.3 82.3
272 14.1 0.0 33.1

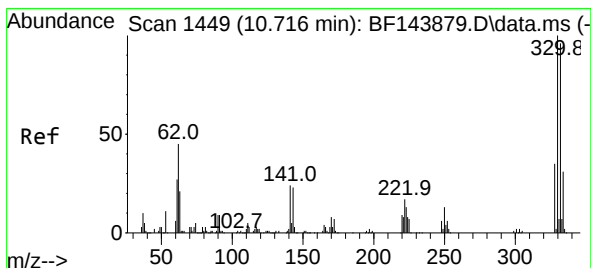
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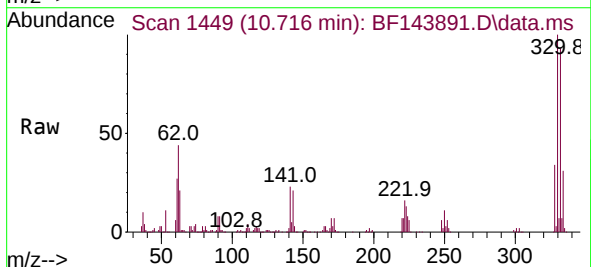


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Upadhyay

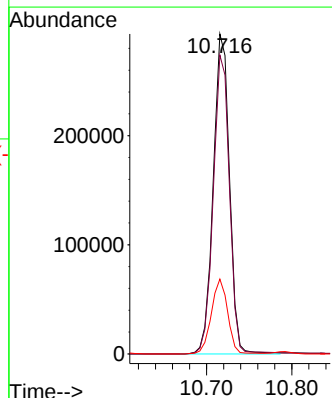
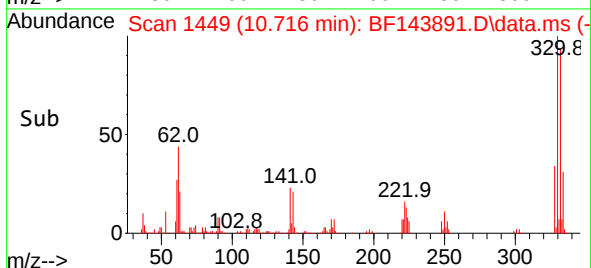
10/09/2025

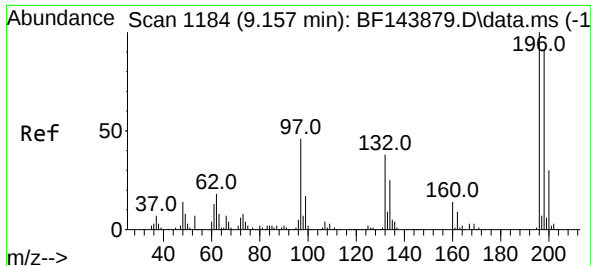


#42
2,4,6-Tribromophenol
Concen: 129.845 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:330 Resp: 387547
Ion Ratio Lower Upper
330 100
332 93.9 76.9 115.3
141 23.5 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 43.861 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143891.D

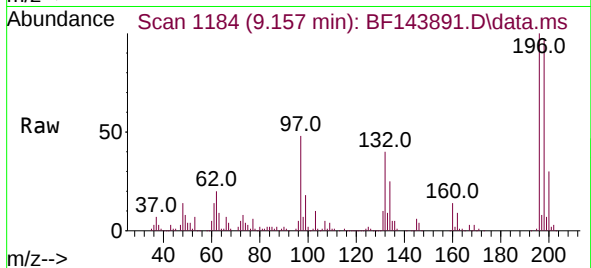
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Instrument :

BNA_F

ClientSampleId :

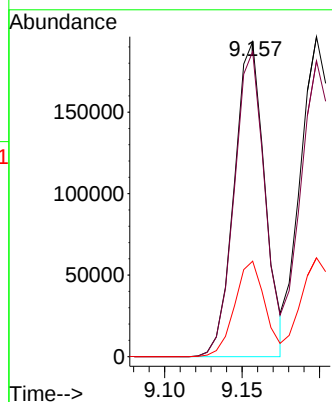
PB169953BS



Tgt Ion:196	Resp: 265428
Ion Ratio	Lower Upper
196	100
198	96.9 72.8 109.2
200	30.3 24.0 36.0

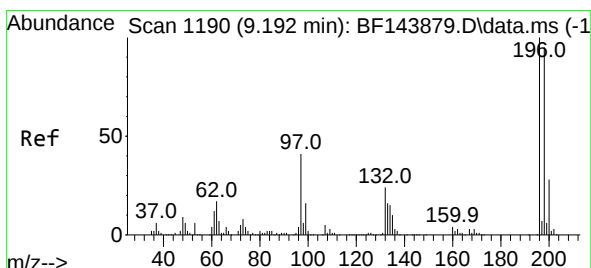
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Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 45.034 ng

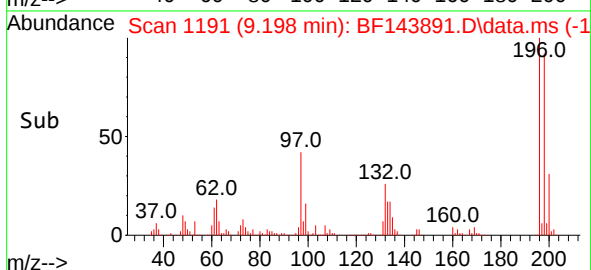
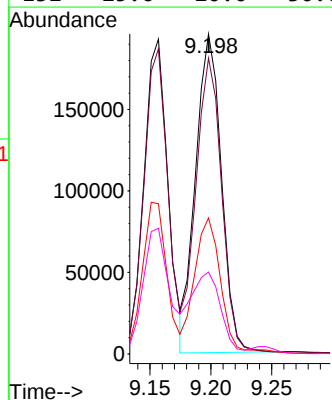
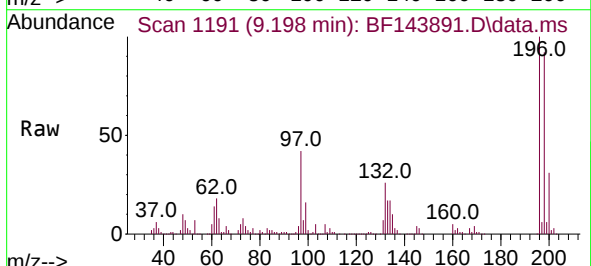
RT: 9.198 min Scan# 1191

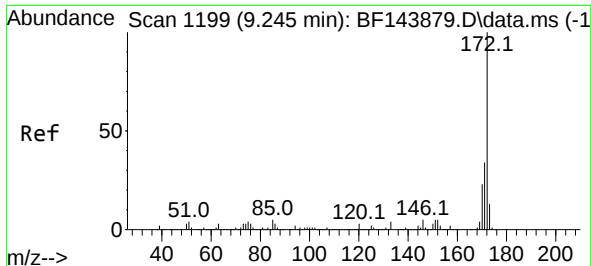
Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:196	Resp: 287996
Ion Ratio	Lower Upper
196	100
198	92.4 75.5 113.3
97	42.5 33.9 50.9
132	25.6 20.0 30.0





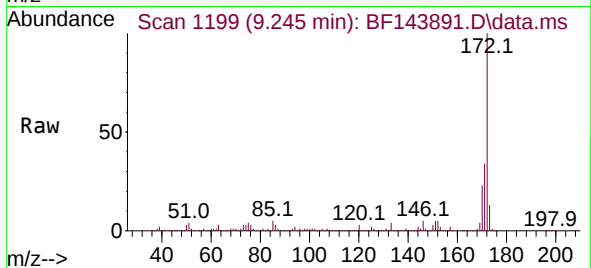
#45
2-Fluorobiphenyl
Concen: 77.646 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

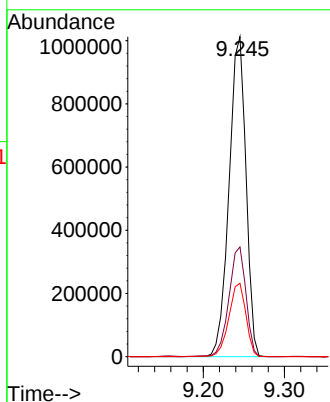
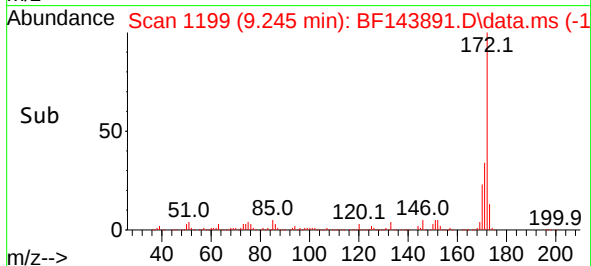
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Tgt Ion:172 Resp: 1466366
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 22.9 18.6 28.0

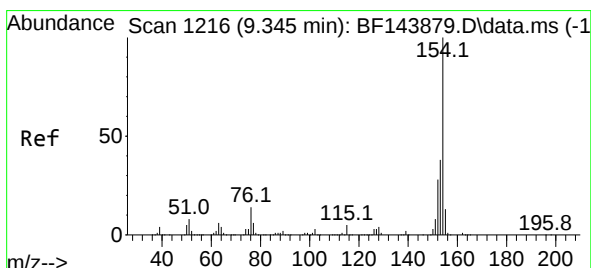
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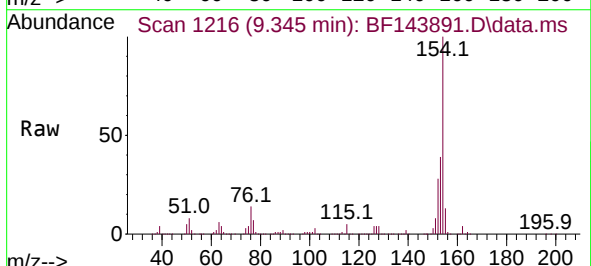


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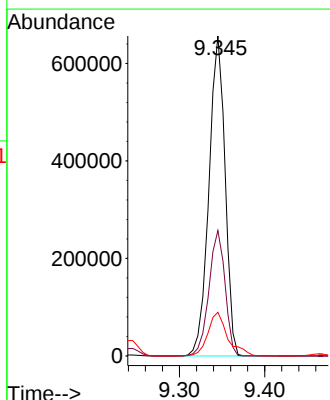
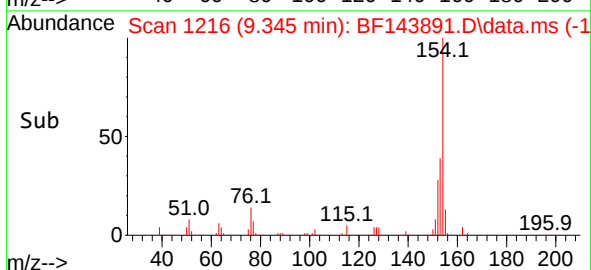
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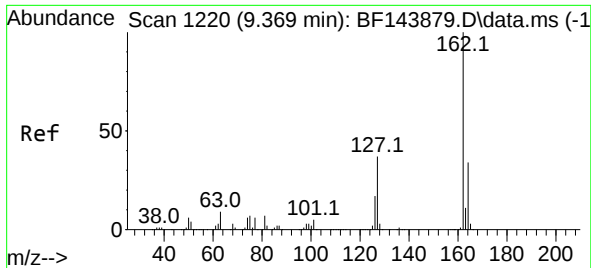


#46
1,1'-Biphenyl
Concen: 43.504 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



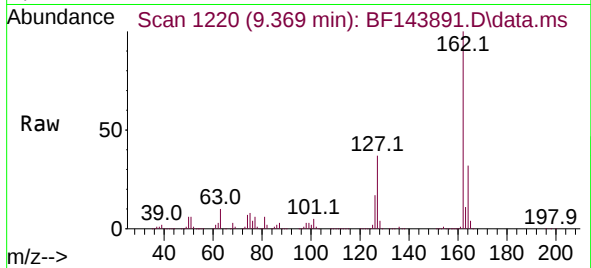
Tgt Ion:154 Resp: 863125
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 13.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.376 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

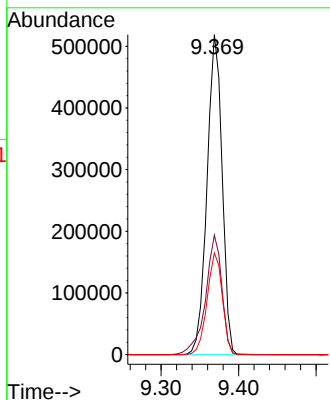
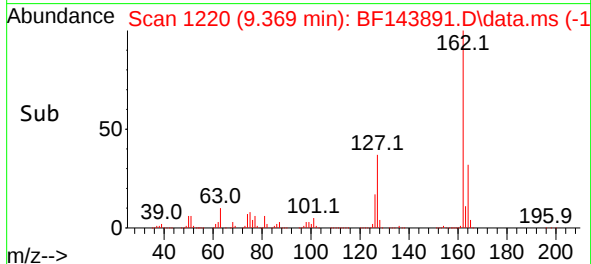
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:162 Resp: 700979
Ion Ratio Lower Upper
162 100
127 37.3 30.2 45.2
164 31.8 26.9 40.3

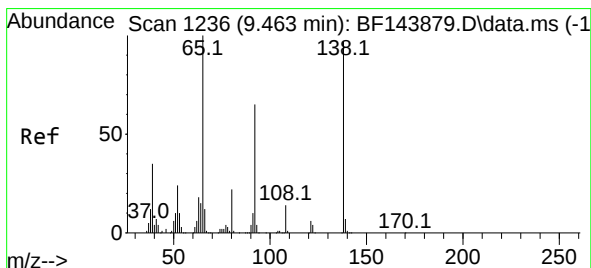
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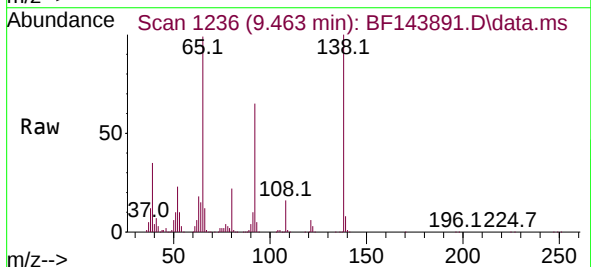


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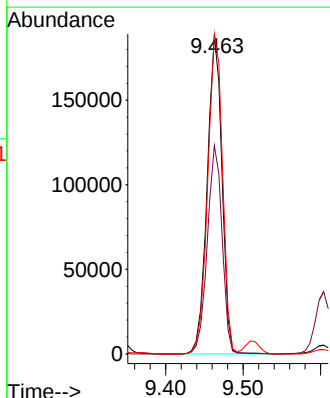
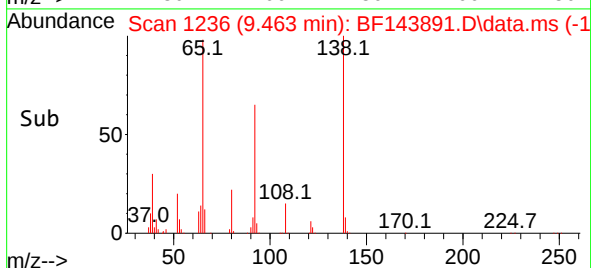
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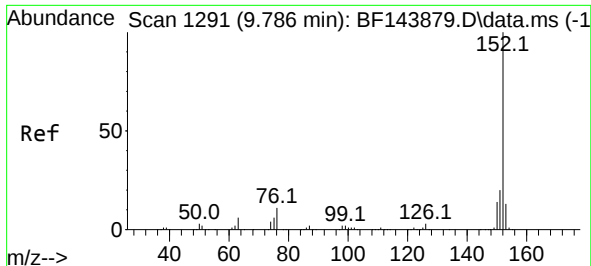


#48
2-Nitroaniline
Concen: 47.630 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



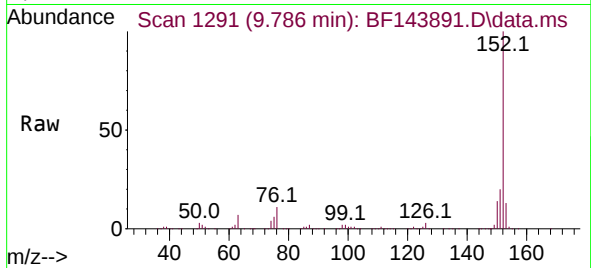
Tgt Ion: 65 Resp: 249100
Ion Ratio Lower Upper
65 100
92 65.4 52.1 78.1
138 100.5 77.4 116.2





#49
Acenaphthylene
Concen: 47.822 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

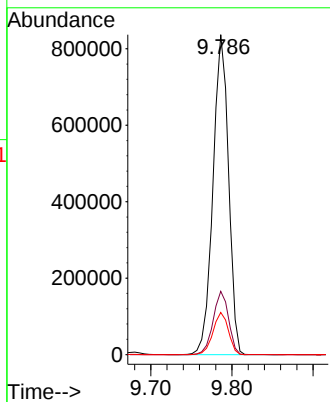
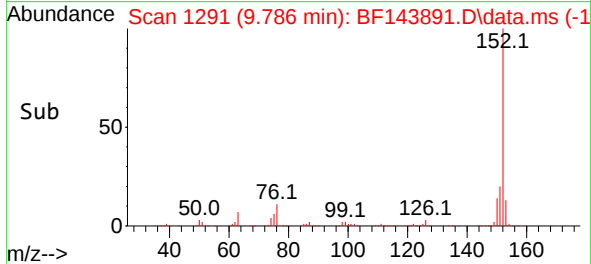
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:152 Resp: 1112130
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.2 10.5 15.7

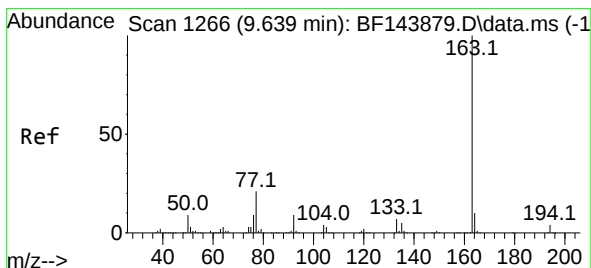
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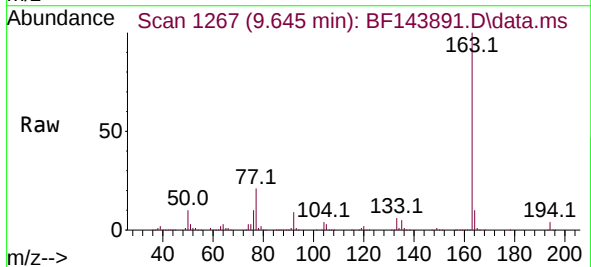


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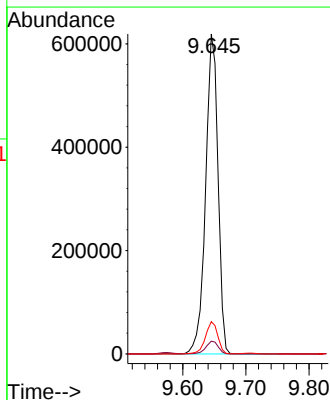
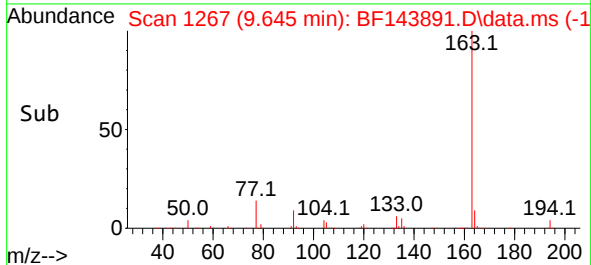
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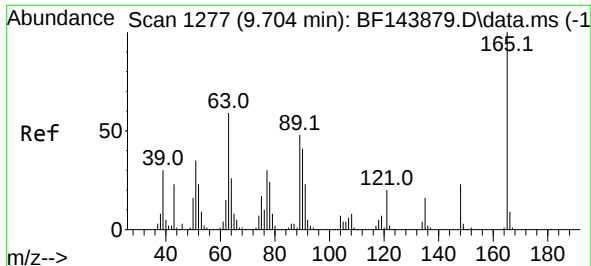


#50
Dimethylphthalate
Concen: 44.178 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



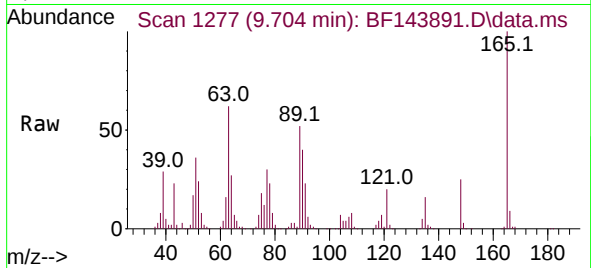
Tgt Ion:163 Resp: 840688
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.414 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

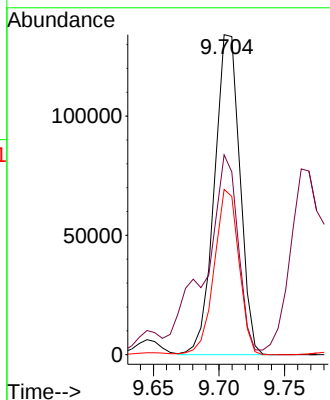
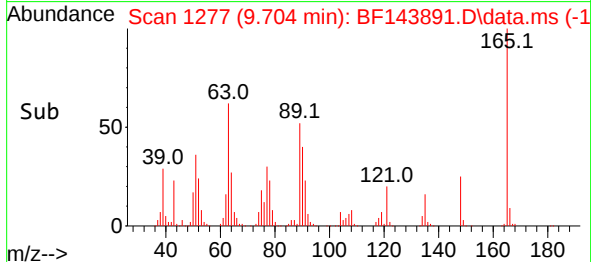
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:165 Resp: 181426
Ion Ratio Lower Upper
165 100
63 62.4 47.3 70.9
89 51.6 38.2 57.4

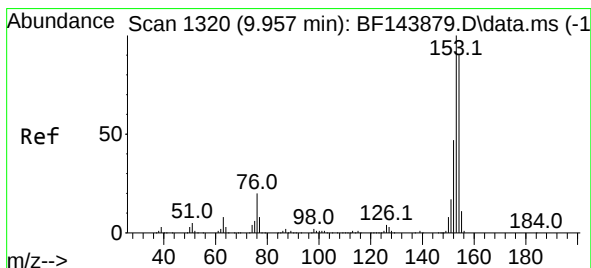
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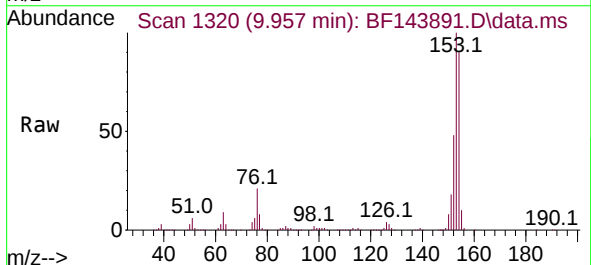


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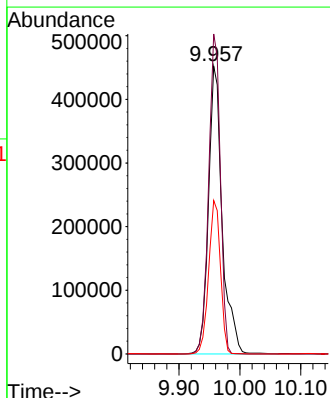
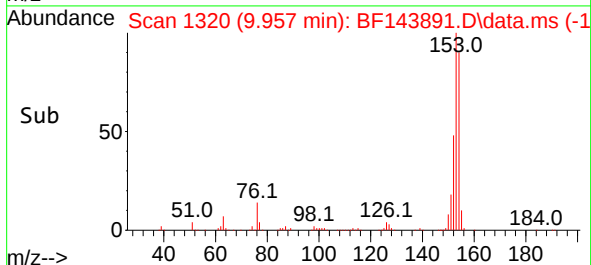
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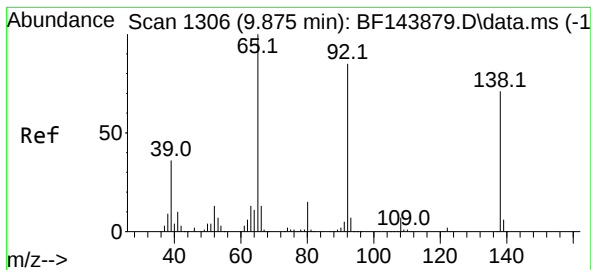


#52
Acenaphthene
Concen: 46.367 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:154 Resp: 706559
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.3 42.2 63.2





#53
3-Nitroaniline
Concen: 35.234 ng
RT: 9.874 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

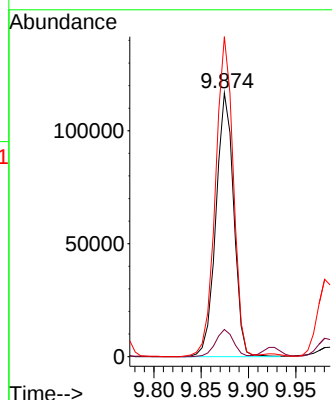
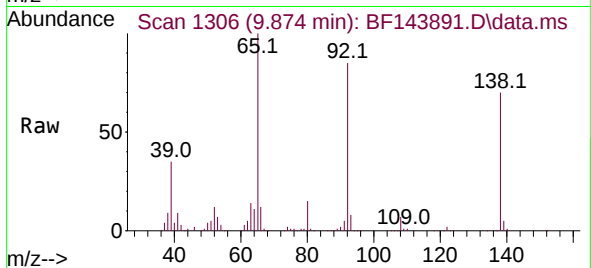
ClientSampleId :

PB169953BS

Tgt Ion:138 Resp: 152238
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 121.4 96.2 144.2

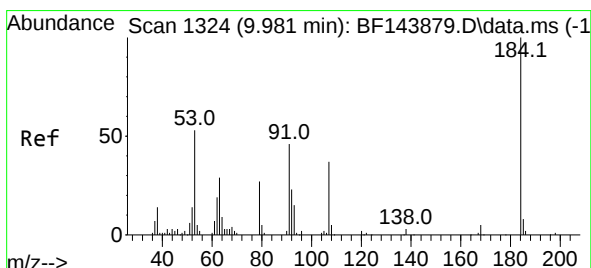
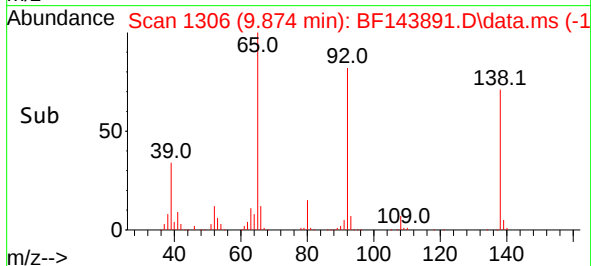
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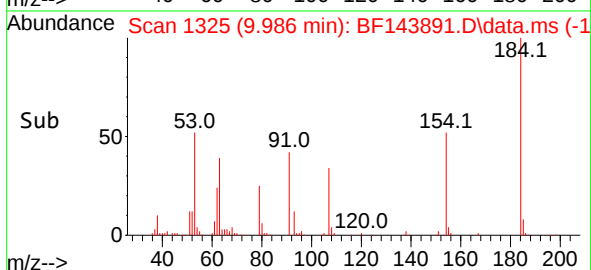
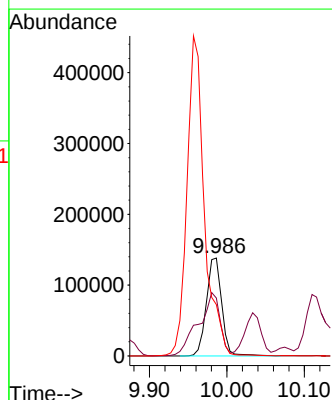
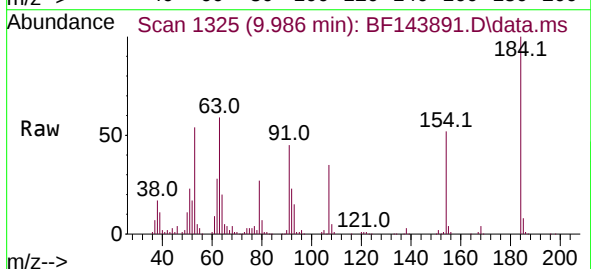
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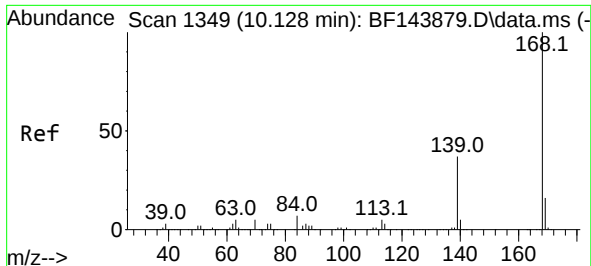
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#54
2,4-Dinitrophenol
Concen: 86.683 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

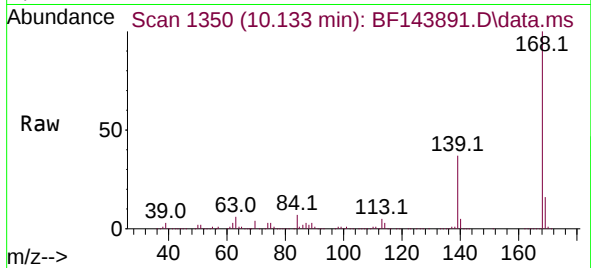
Tgt Ion:184 Resp: 190058
Ion Ratio Lower Upper
184 100
63 59.1 48.2 72.4
154 52.4 49.2 73.8





#55
Dibenzofuran
Concen: 43.151 ng
RT: 10.133 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

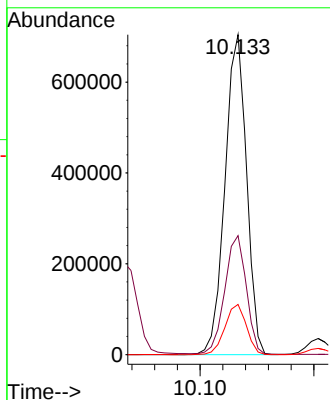
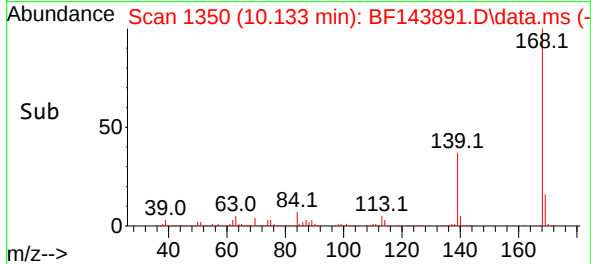
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:168 Resp: 928228
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 15.7 12.8 19.2

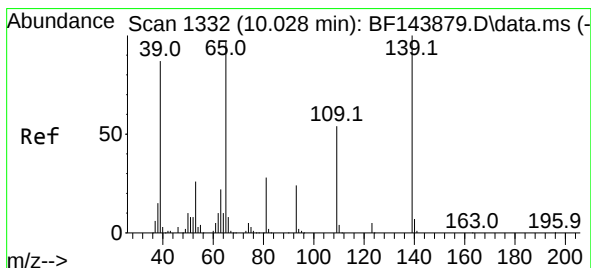
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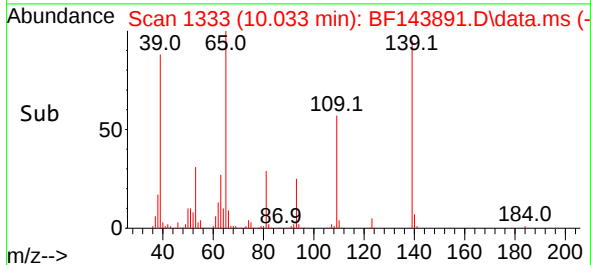
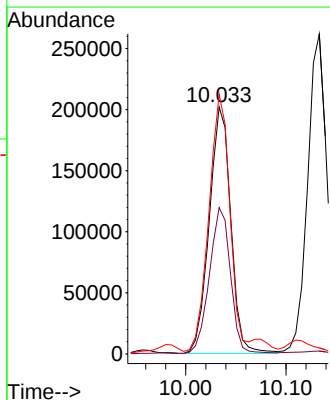
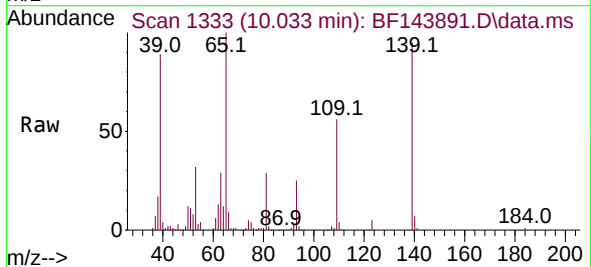
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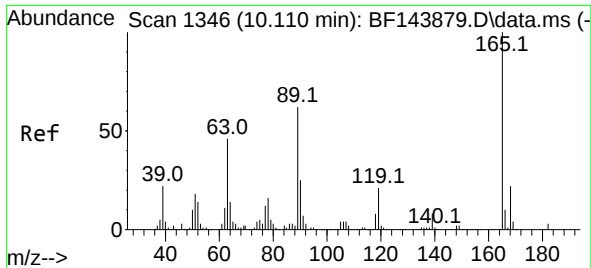
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#56
4-Nitrophenol
Concen: 92.341 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:139 Resp: 302094
Ion Ratio Lower Upper
139 100
109 59.3 34.5 74.5
65 105.2 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 51.545 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

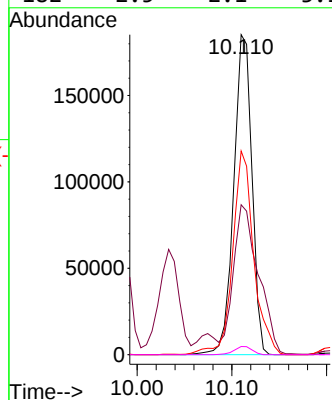
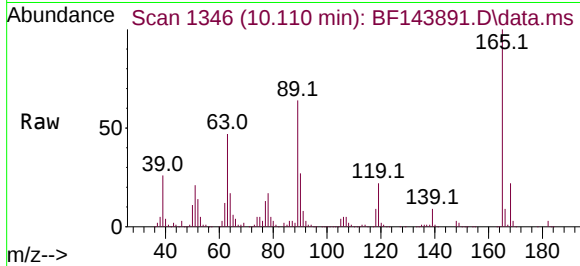
ClientSampleId :

PB169953BS

Tgt Ion:165 Resp: 247482
Ion Ratio Lower Upper
165 100
63 46.8 37.2 55.8
89 63.6 49.4 74.2
182 2.5 2.1 3.1

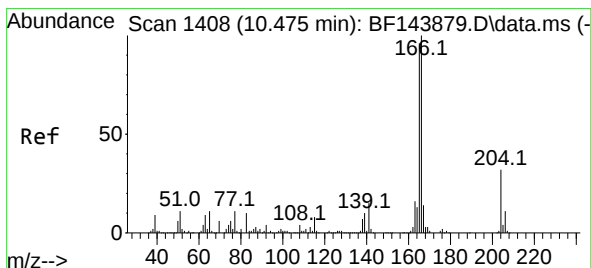
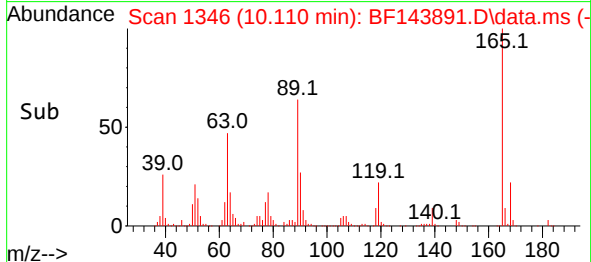
Manual Integrations
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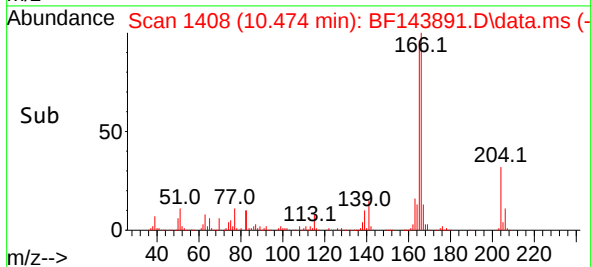
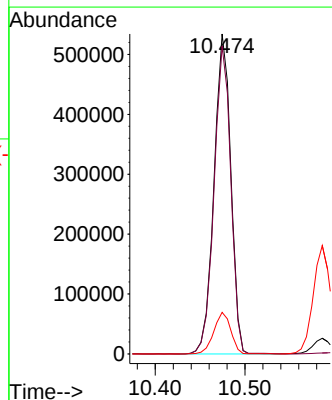
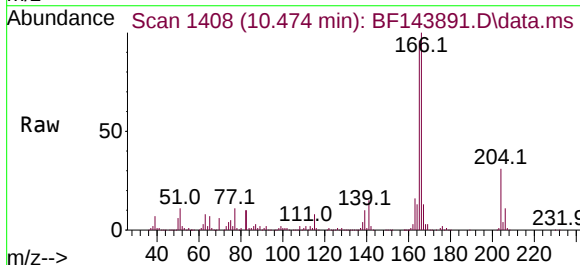
10/09/2025
Supervised By :Jagrut
Upadhyay

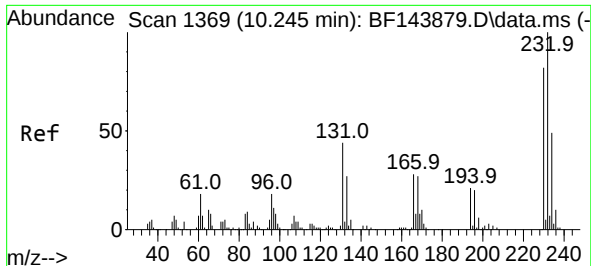
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#58
Fluorene
Concen: 42.819 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

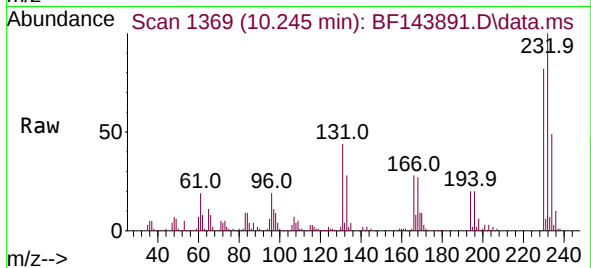
Tgt Ion:166 Resp: 695018
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.469 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

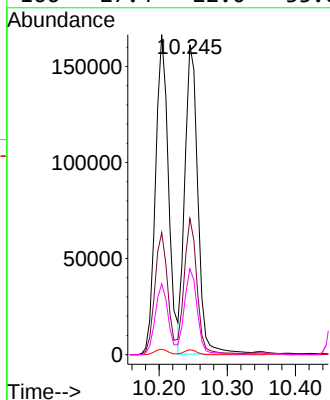
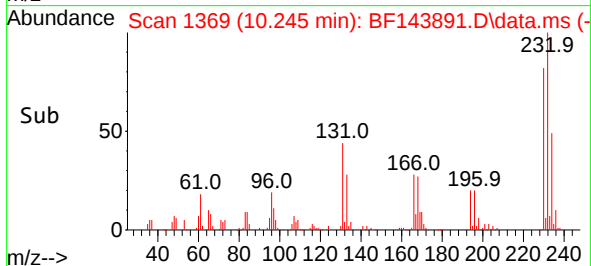
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:232 Resp: 214889
Ion Ratio Lower Upper
232 100
131 43.9 34.9 52.3
130 1.5 1.6 2.4
166 27.4 22.0 33.0

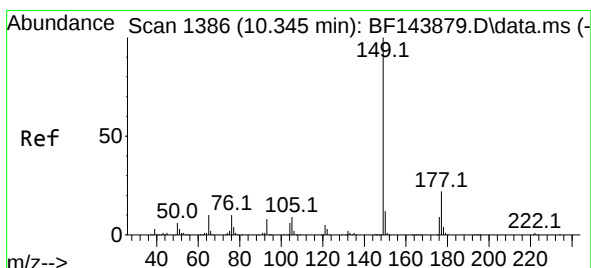
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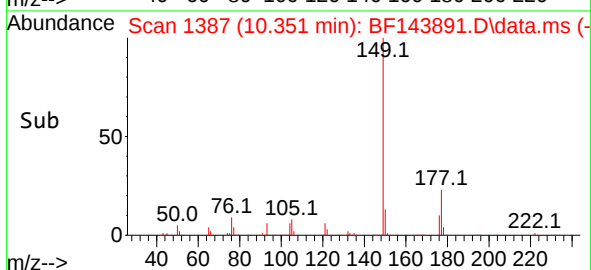
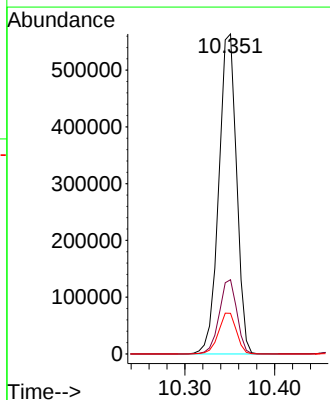
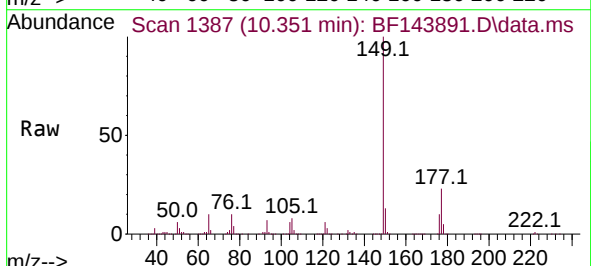
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Upadhyay

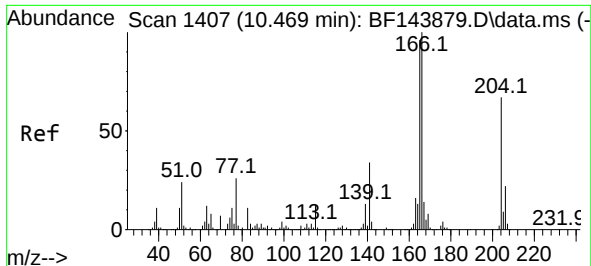
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#60
Diethylphthalate
Concen: 44.064 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

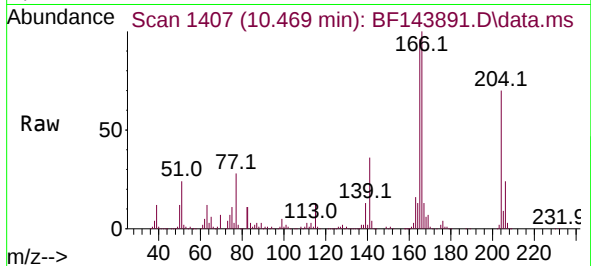
Tgt Ion:149 Resp: 778998
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.132 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

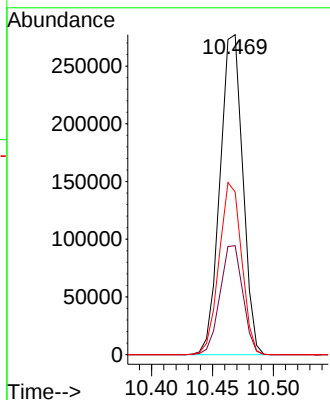
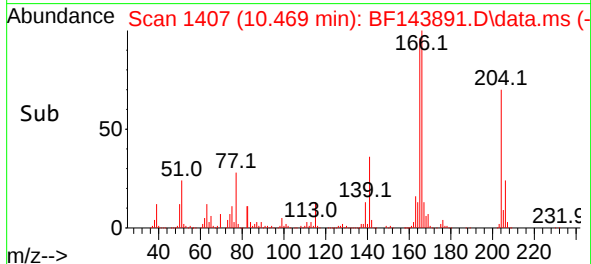
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:204 Resp: 36155
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 50.8 40.4 60.6

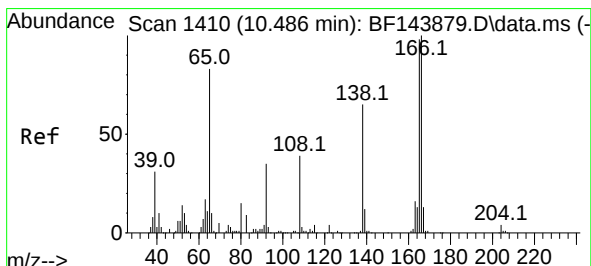
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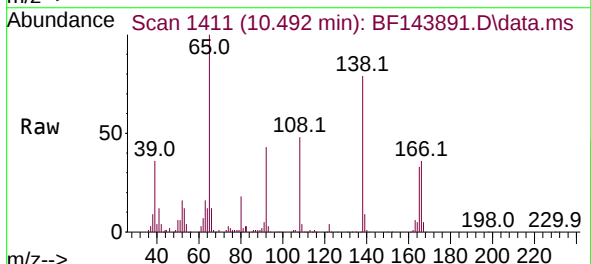


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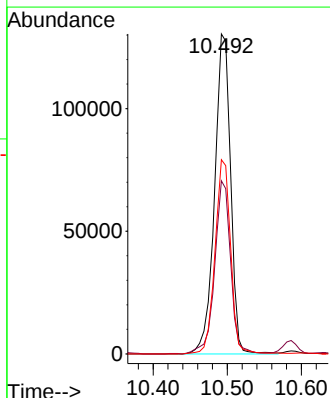
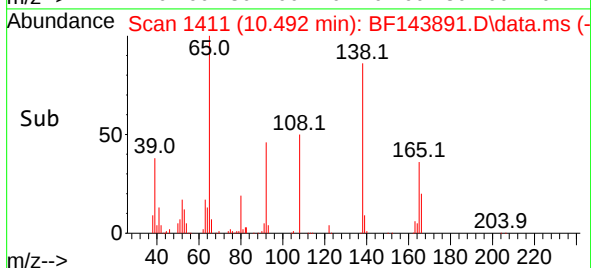
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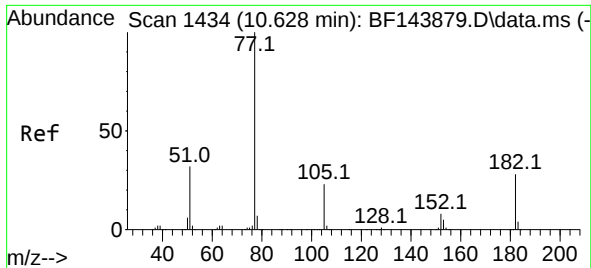


#62
4-Nitroaniline
Concen: 47.143 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:138 Resp: 195874
Ion Ratio Lower Upper
138 100
92 54.1 33.9 73.9
108 60.7 40.2 80.2





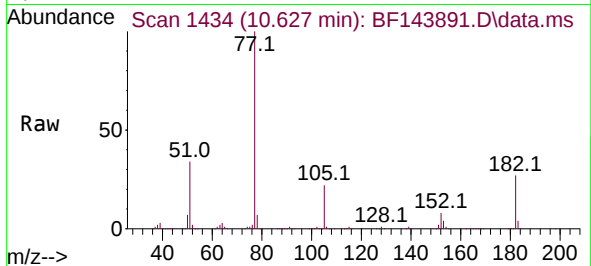
#63
Azobenzene
Concen: 44.929 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

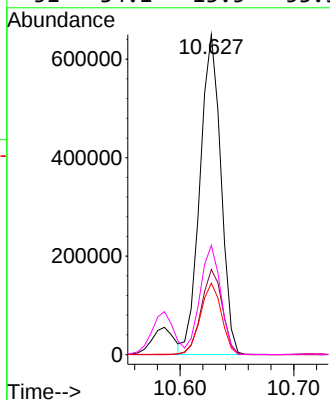
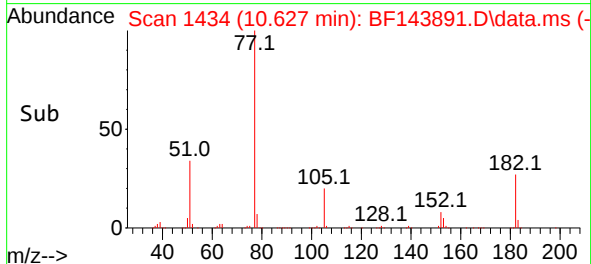
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Tgt Ion: 77 Resp: 830143
Ion Ratio Lower Upper
77 100
182 26.6 7.3 47.3
105 22.3 3.0 43.0
51 34.1 13.5 53.5

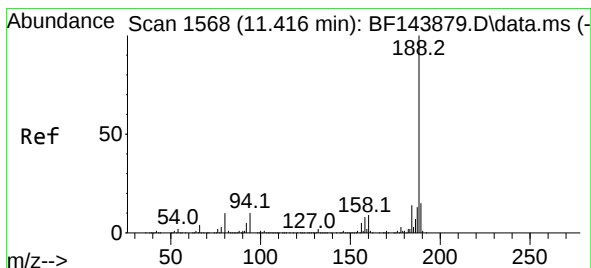
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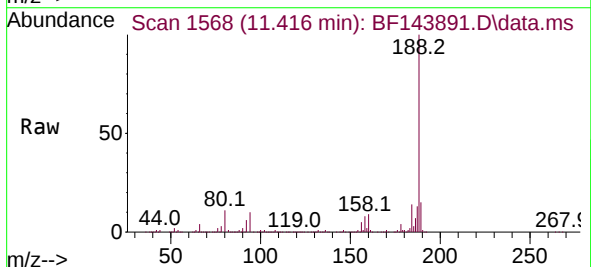


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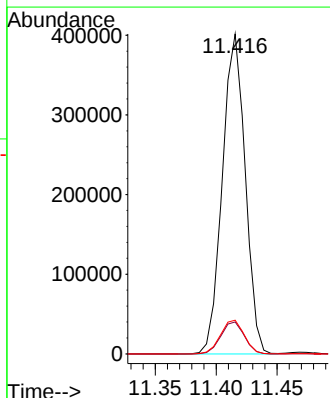
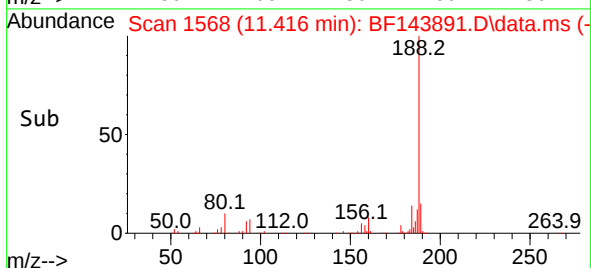
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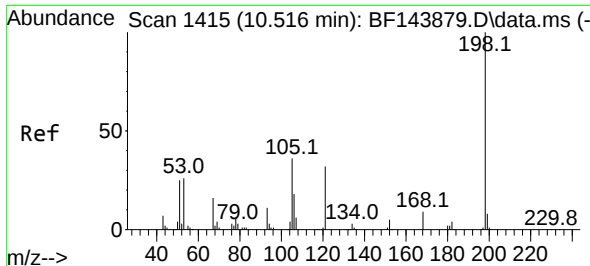


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



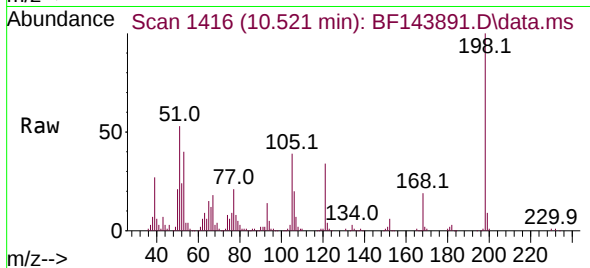
Tgt Ion:188 Resp: 525088
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.5 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.015 ng
RT: 10.521 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

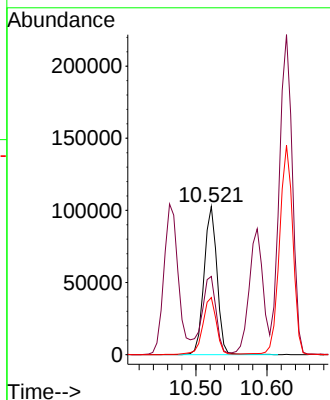
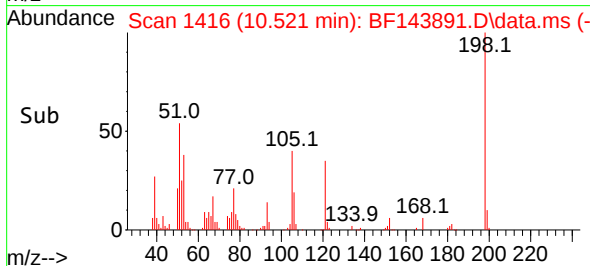
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:198 Resp: 129335
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 38.5 17.0 57.0

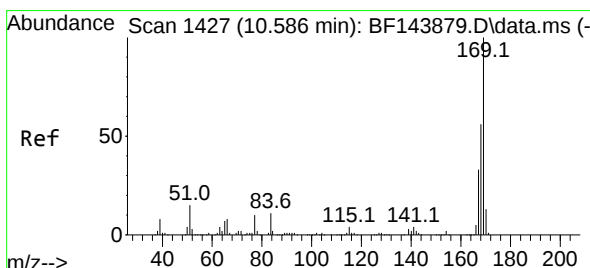
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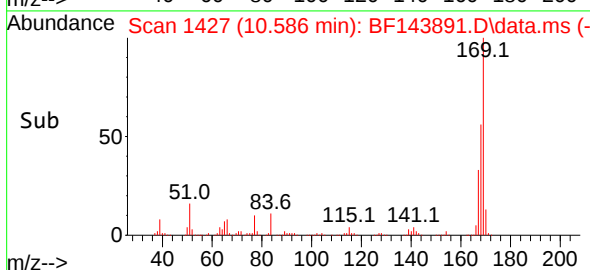
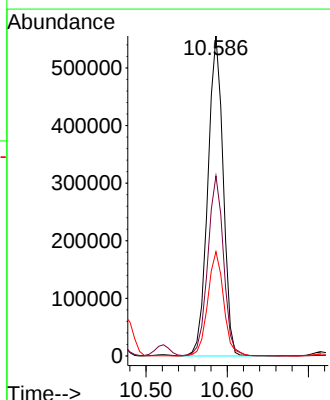
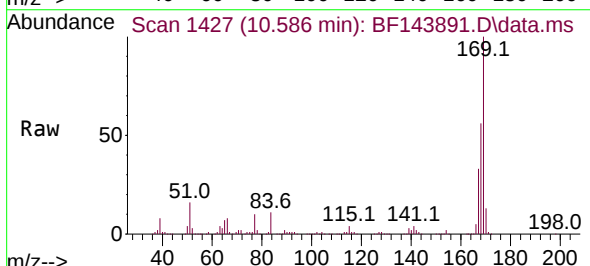
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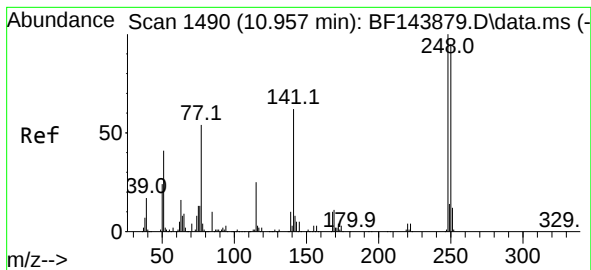
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#66
n-Nitrosodiphenylamine
Concen: 44.262 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

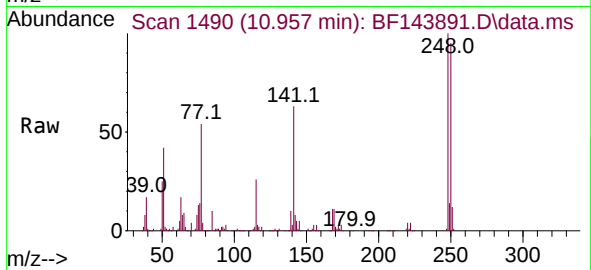
Tgt Ion:169 Resp: 729765
Ion Ratio Lower Upper
169 100
168 56.3 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

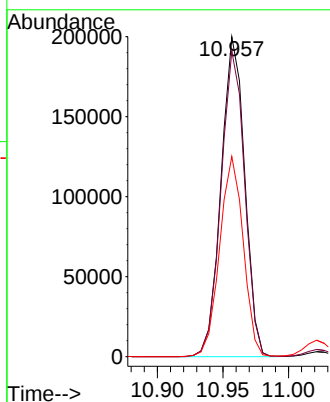
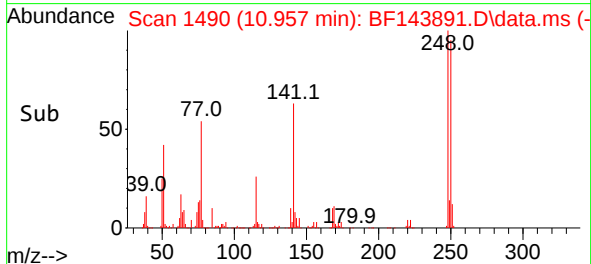
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:248 Resp: 251258
Ion Ratio Lower Upper
248 100
250 95.5 76.3 114.5
141 62.5 49.7 74.5

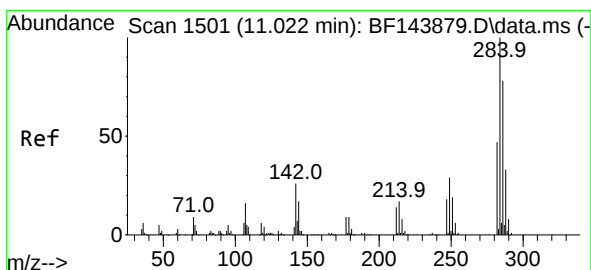
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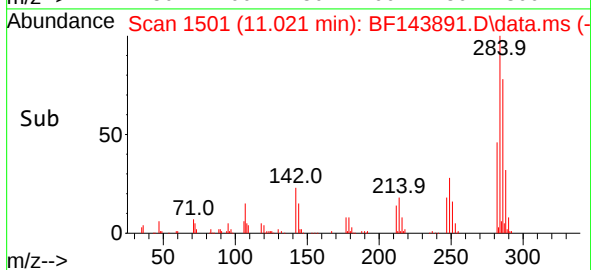
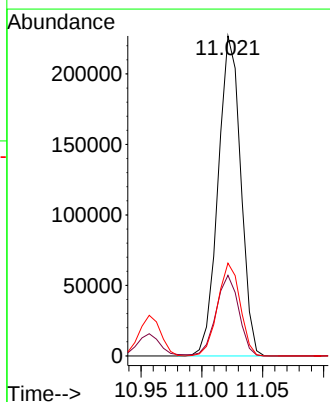
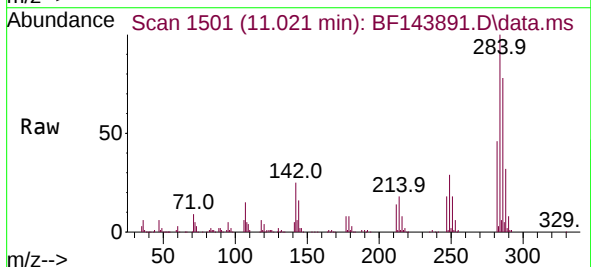
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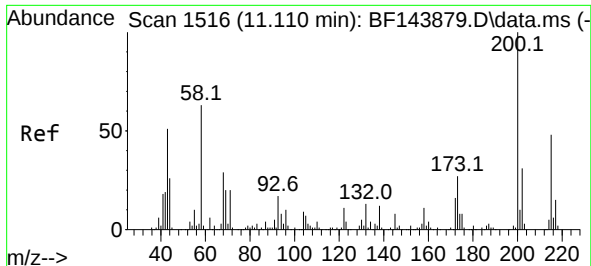
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#68
Hexachlorobenzene
Concen: 43.650 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:284 Resp: 293252
Ion Ratio Lower Upper
284 100
142 25.2 20.6 30.8
249 29.0 23.2 34.8





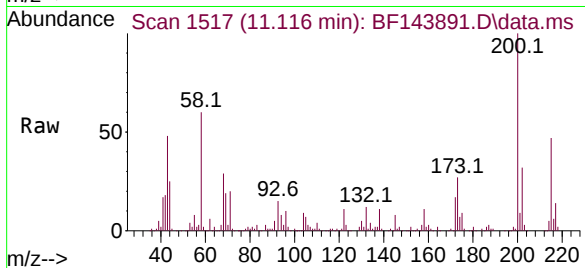
#69
Atrazine
Concen: 43.932 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

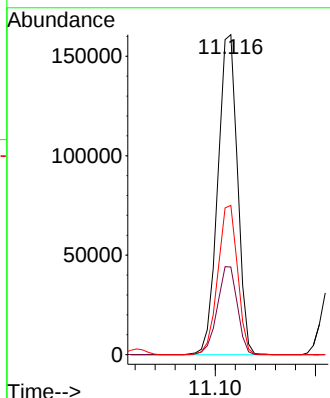
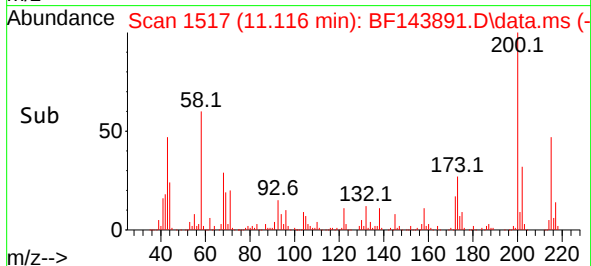
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Tgt Ion:200 Resp: 219539
Ion Ratio Lower Upper
200 100
173 27.4 7.0 47.0
215 46.6 27.8 67.8

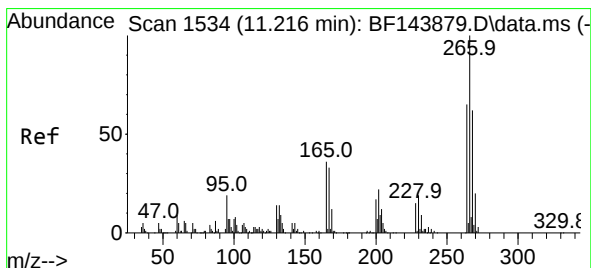
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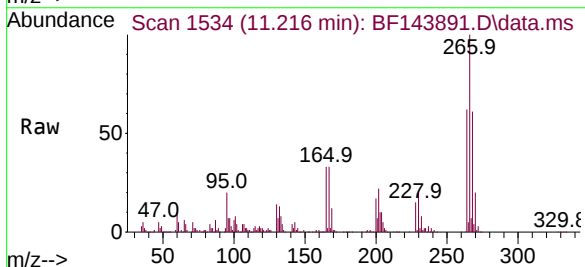


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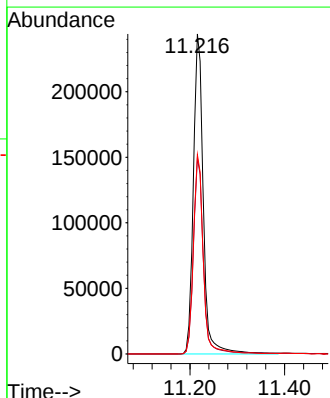
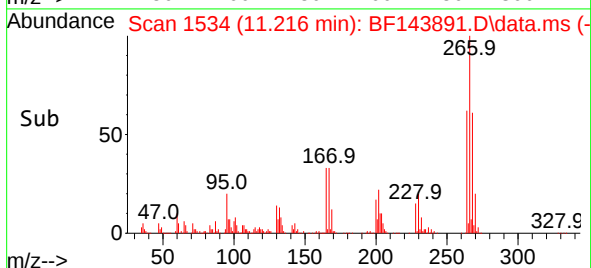
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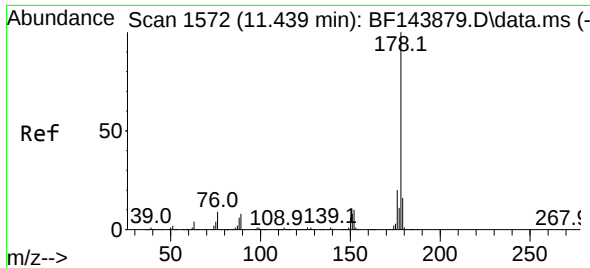


#70
Pentachlorophenol
Concen: 92.110 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:266 Resp: 355404
Ion Ratio Lower Upper
266 100
268 61.2 49.4 74.0
264 62.3 51.8 77.6





#71
Phenanthrene
Concen: 42.703 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

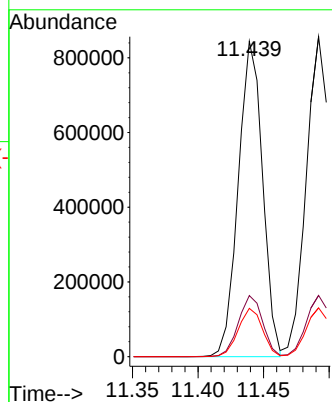
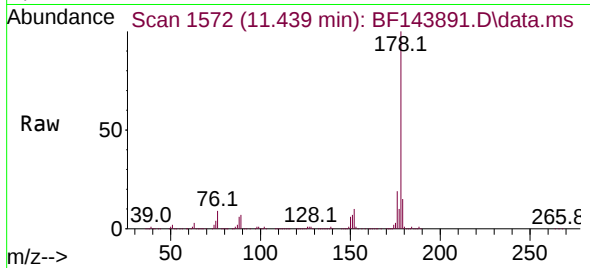
ClientSampleId :

PB169953BS

Tgt Ion:178 Resp: 1087062
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.3 12.4 18.6

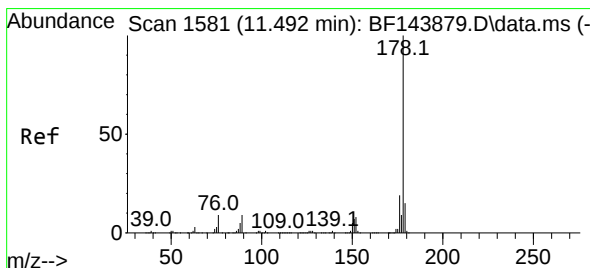
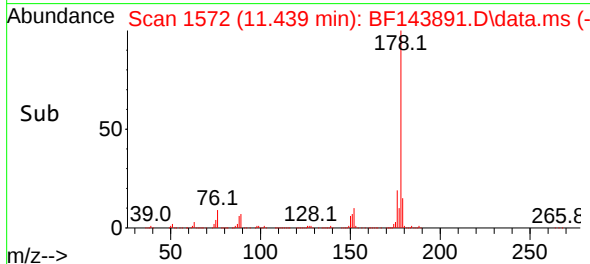
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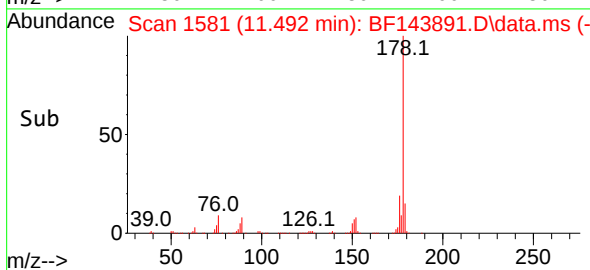
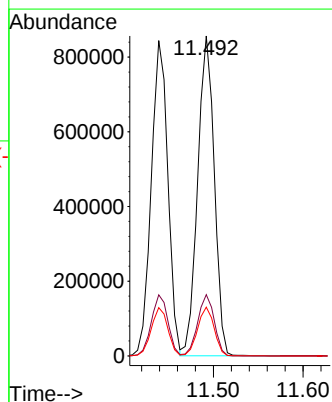
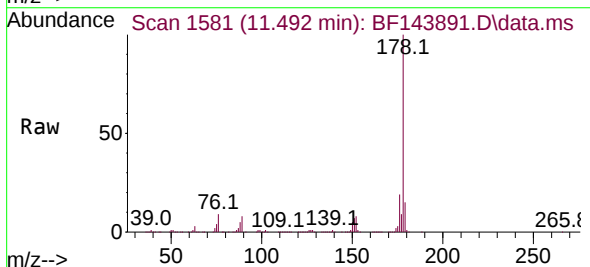
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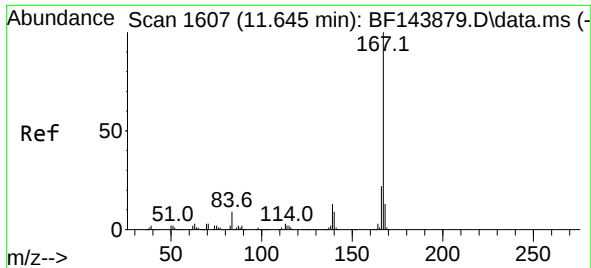
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#72
Anthracene
Concen: 42.868 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

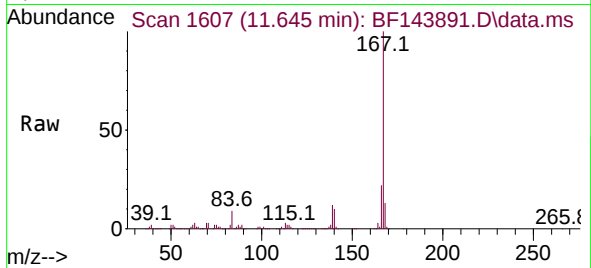
Tgt Ion:178 Resp: 1102433
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 43.519 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143891.D
 Acq: 08 Oct 2025 12:49

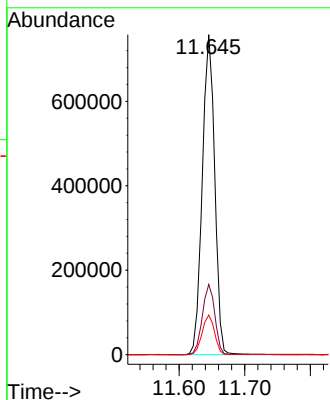
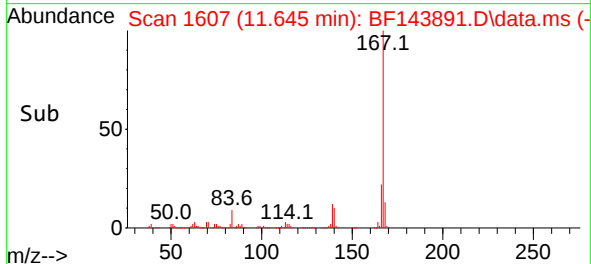
Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS



Tgt Ion:167 Resp: 991218
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.4 10.1 15.1

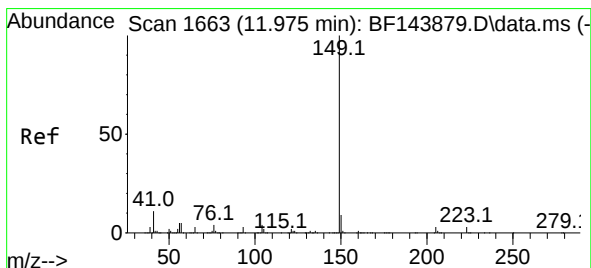
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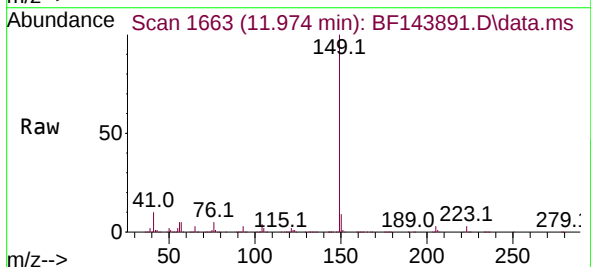


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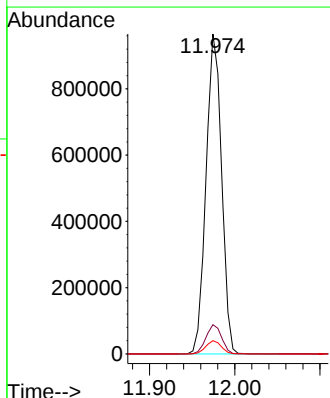
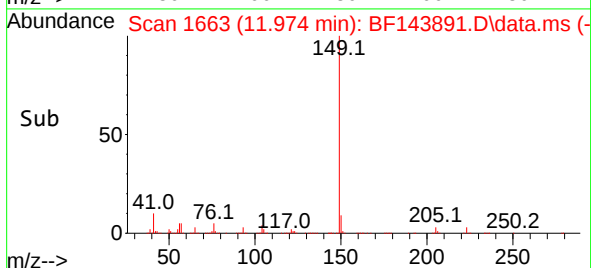
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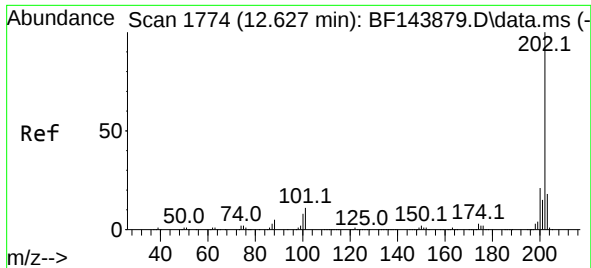


#74
 Di-n-butylphthalate
 Concen: 46.303 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143891.D
 Acq: 08 Oct 2025 12:49



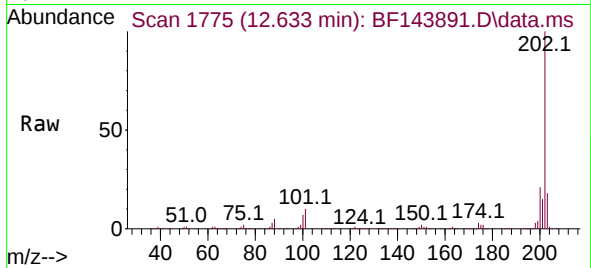
Tgt Ion:149 Resp: 1222278
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 44.644 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

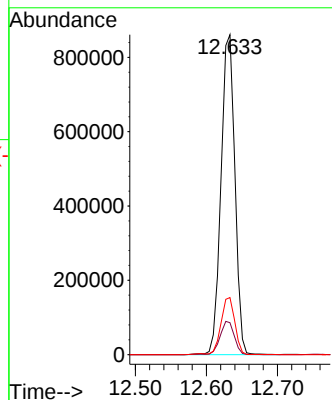
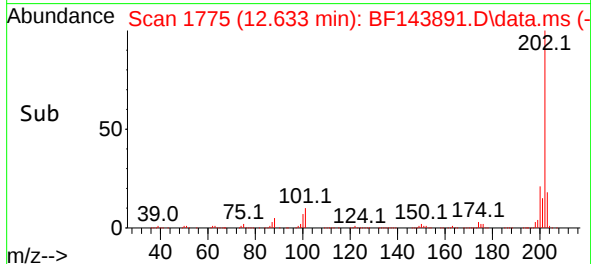
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:202 Resp: 1173900
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.8 0.0 37.8

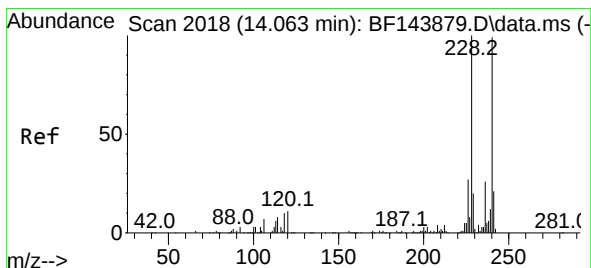
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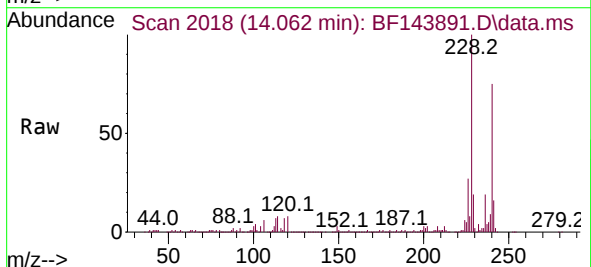


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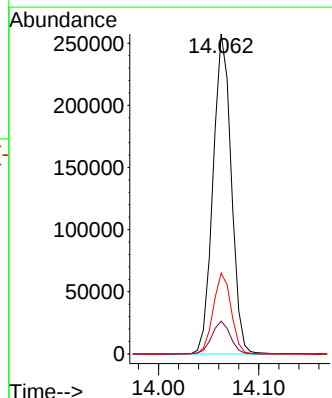
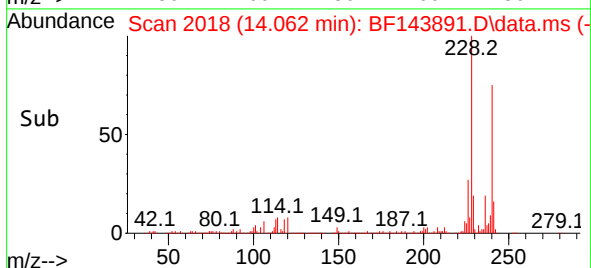
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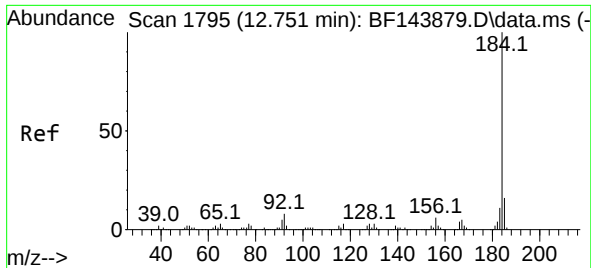


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



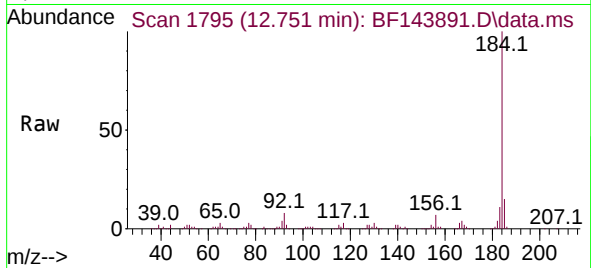
Tgt Ion:240 Resp: 325733
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.2 21.1 31.7





#77
Benzidine
Concen: 23.698 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

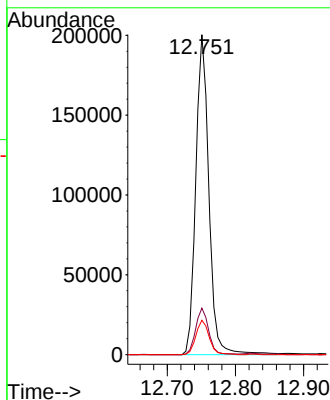
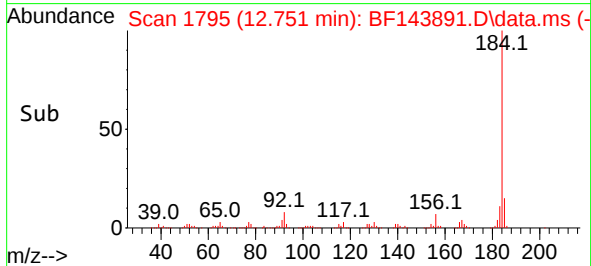
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:184 Resp: 268029
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 10.7 8.8 13.2

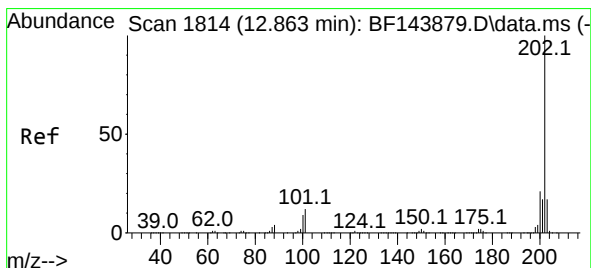
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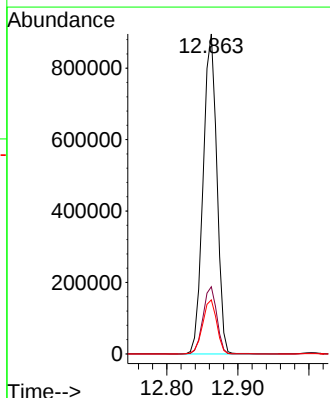
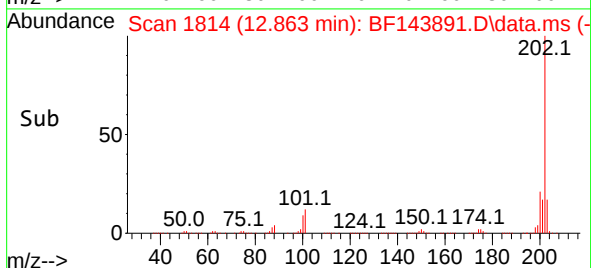
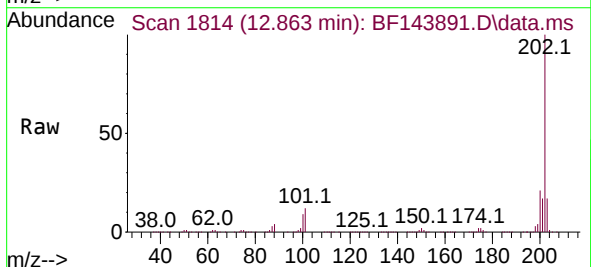
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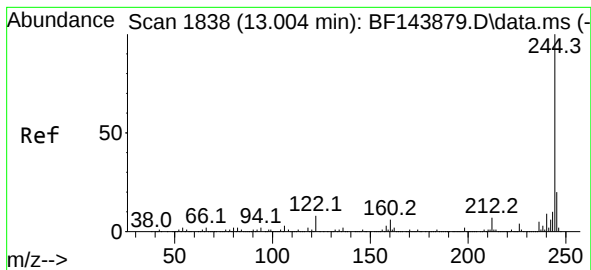
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#78
Pyrene
Concen: 44.006 ng
RT: 12.863 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:202 Resp: 1195036
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 16.9 13.8 20.6





#79
 Terphenyl-d14
 Concen: 86.390 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143891.D
 Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

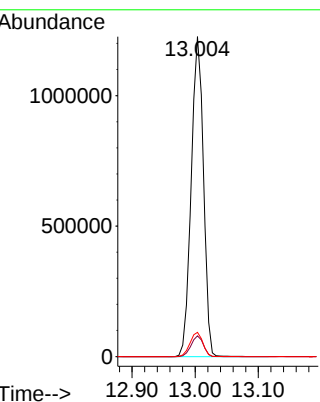
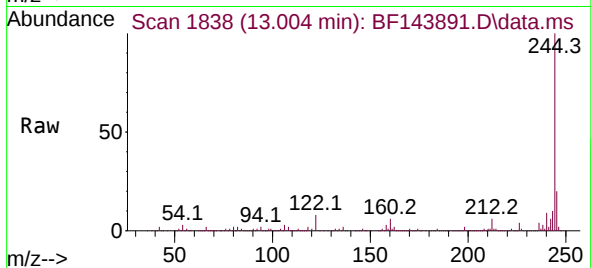
ClientSampleId :

PB169953BS

Tgt Ion:244 Resp: 164650
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.6 6.4 9.6

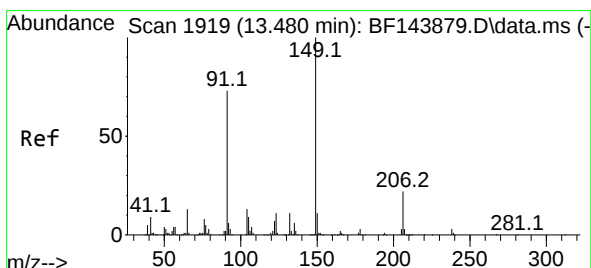
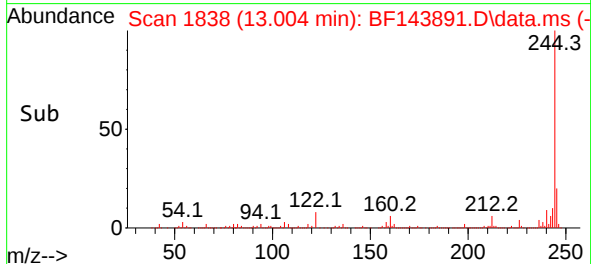
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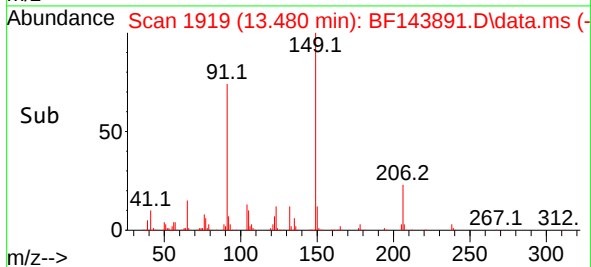
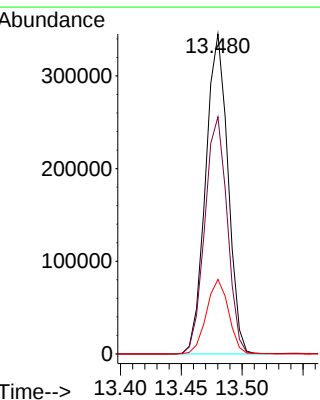
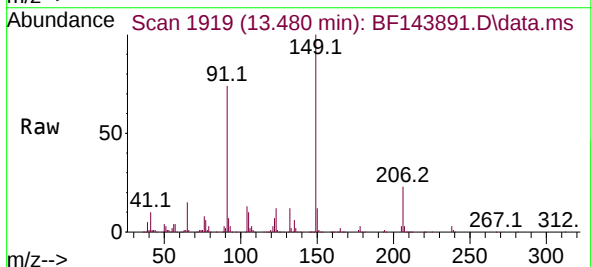
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 Upadhyay

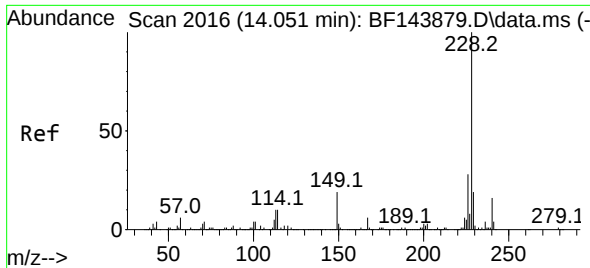
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#80
 Butylbenzylphthalate
 Concen: 49.967 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF143891.D
 Acq: 08 Oct 2025 12:49

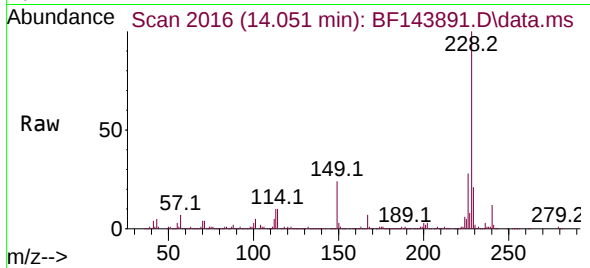
Tgt Ion:149 Resp: 440678
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.2 87.2
 206 23.3 17.9 26.9





#81
Benzo(a)anthracene
Concen: 43.312 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

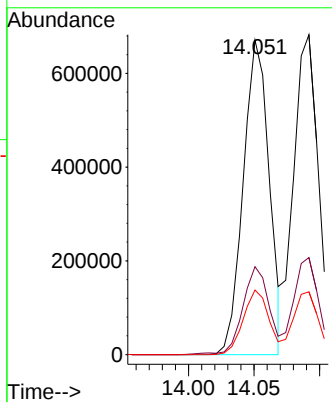
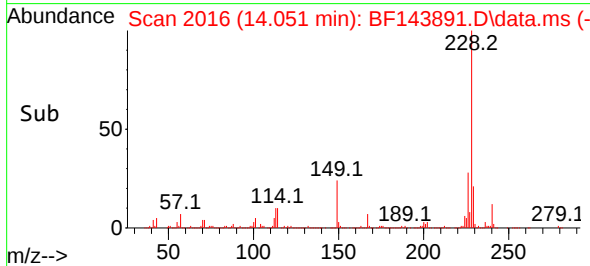
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:228 Resp: 923240
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.6 15.6 23.4

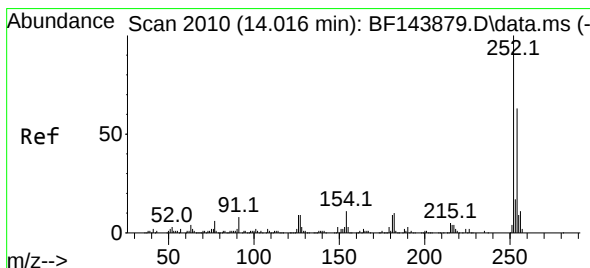
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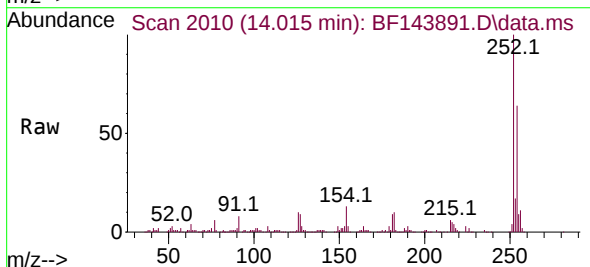


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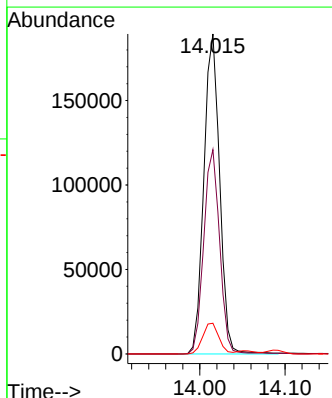
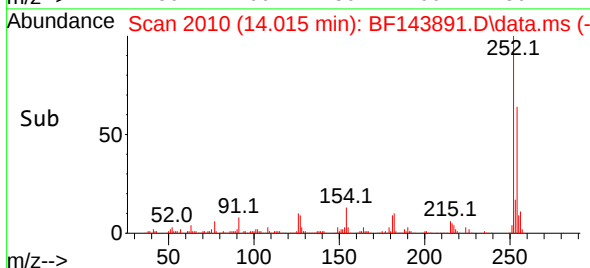
10/09/2025

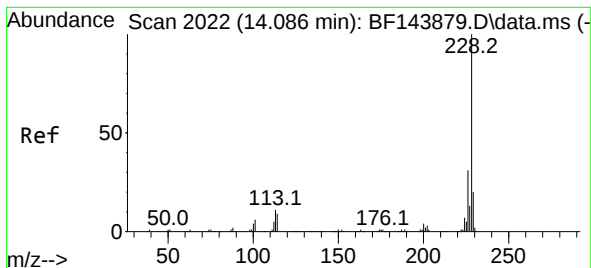


#82
3,3'-Dichlorobenzidine
Concen: 37.570 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:252 Resp: 244058
Ion Ratio Lower Upper
252 100
254 63.8 50.6 76.0
126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.466 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

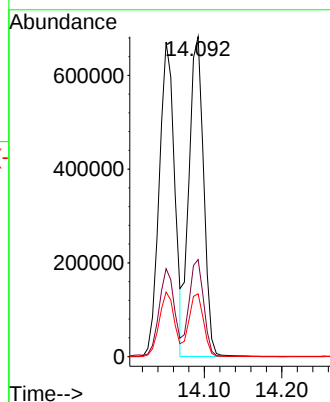
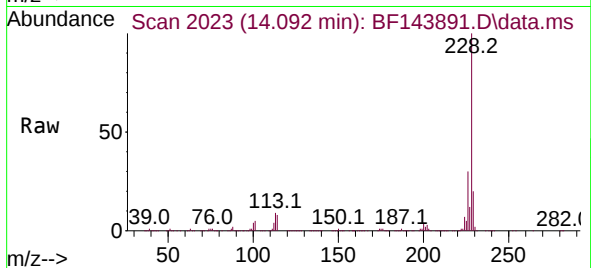
ClientSampleId :

PB169953BS

Tgt Ion:228	Resp: 896979
Ion Ratio	Lower Upper
228 100	
226 30.3	24.4 36.6
229 19.6	15.9 23.9

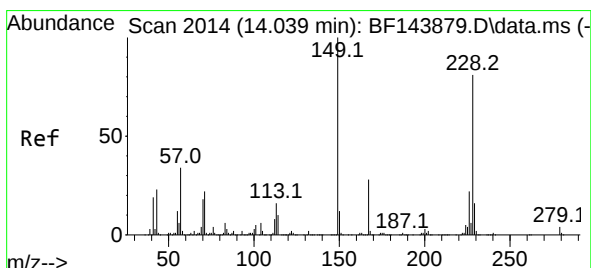
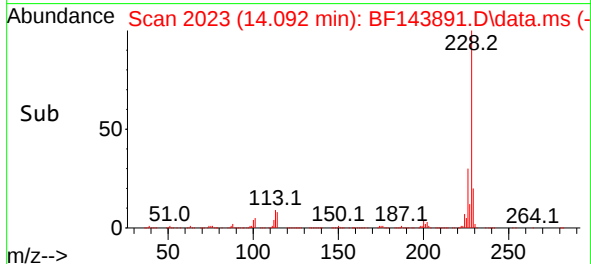
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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.001 ng

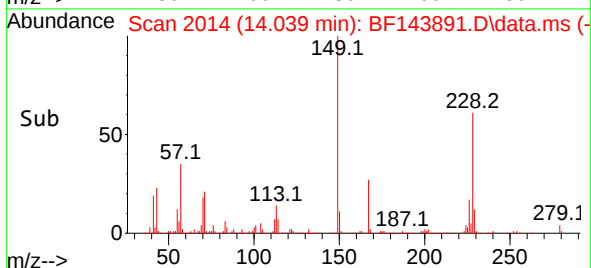
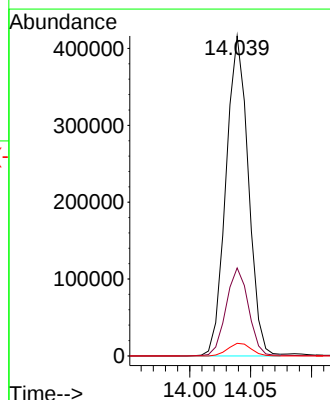
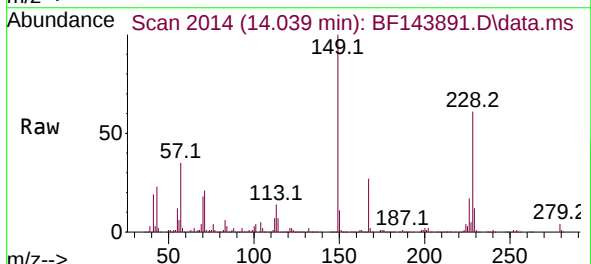
RT: 14.039 min Scan# 2014

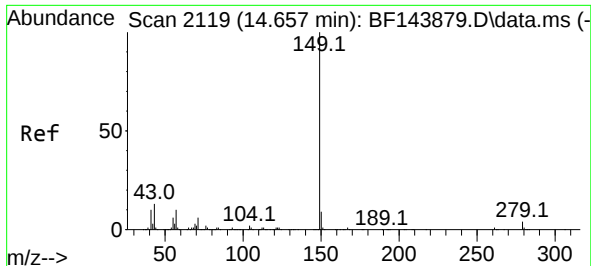
Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

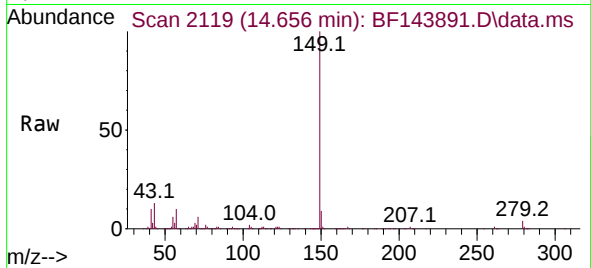
Tgt Ion:149	Resp: 531572
Ion Ratio	Lower Upper
149 100	
167 27.5	22.2 33.4
279 4.0	3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.013 ng
RT: 14.656 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

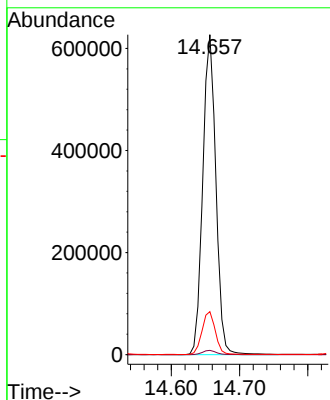
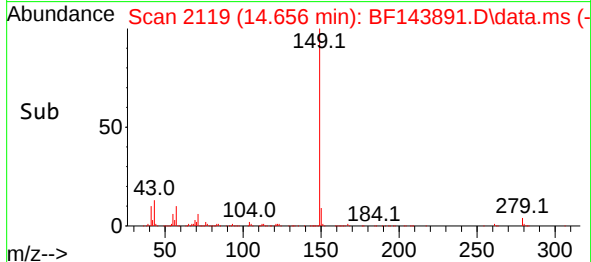
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:149 Resp: 838370
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4

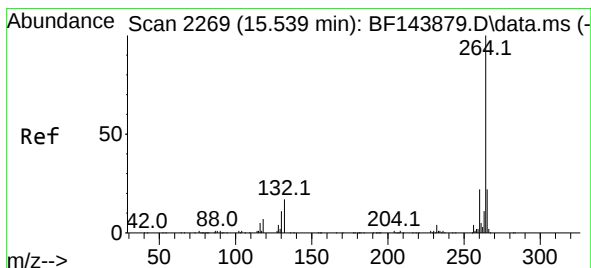
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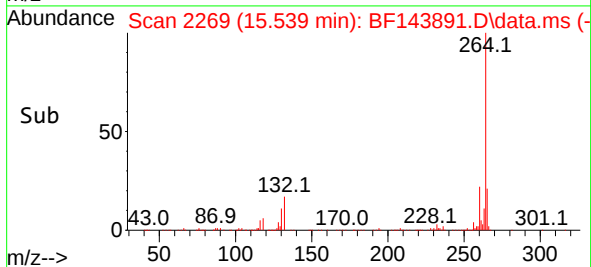
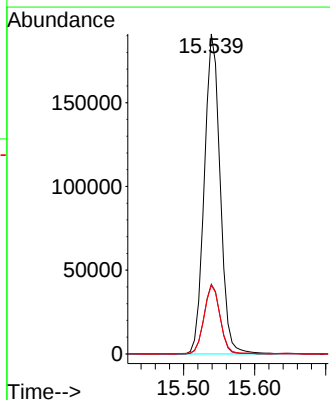
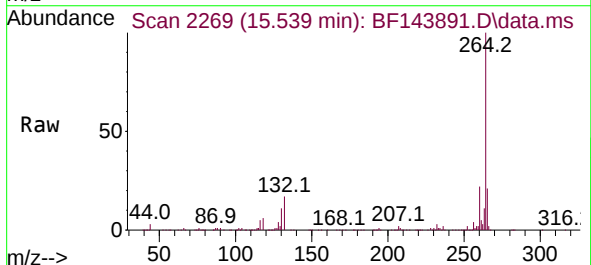
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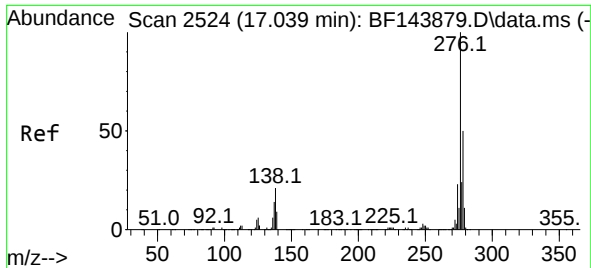
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:264 Resp: 295411
Ion Ratio Lower Upper
264 100
260 21.8 17.8 26.8
265 21.4 17.5 26.3





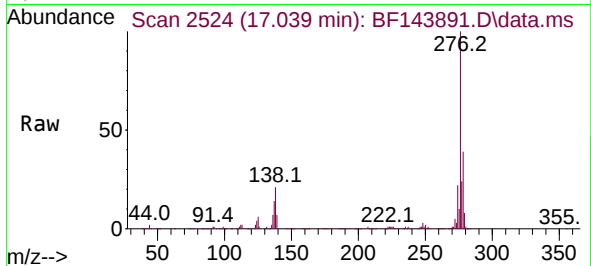
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.626 ng
RT: 17.039 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

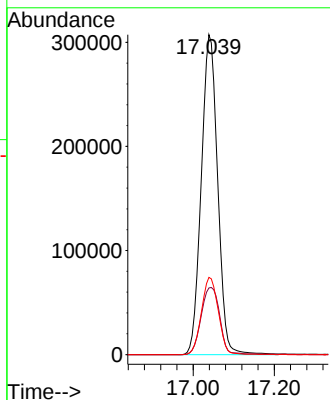
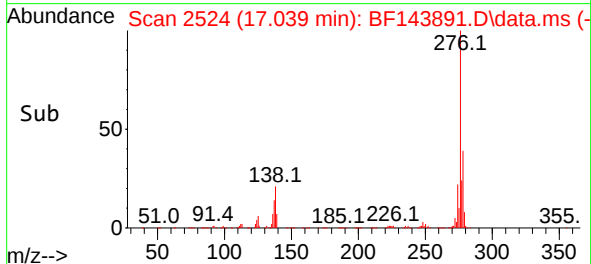
PB169953BS



Tgt Ion:276 Resp: 862085
Ion Ratio Lower Upper
276 100
138 23.8 18.2 27.2
277 24.8 19.8 29.6

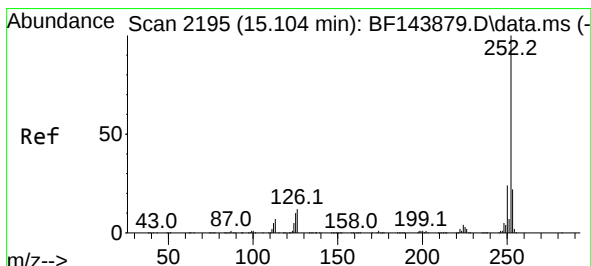
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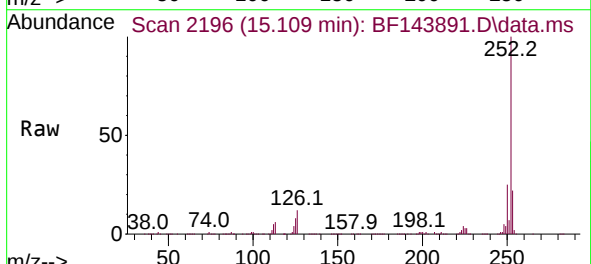


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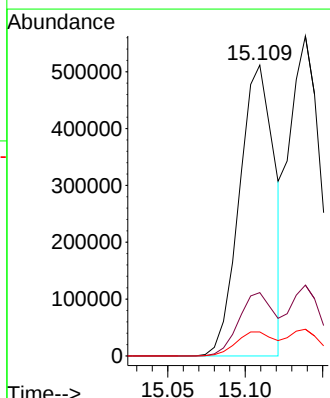
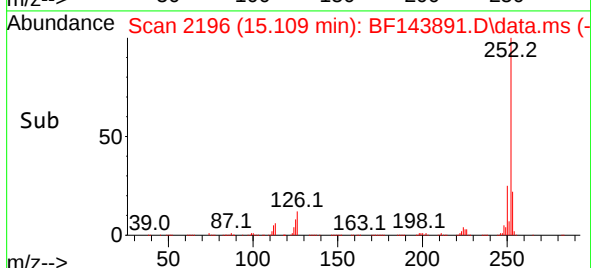
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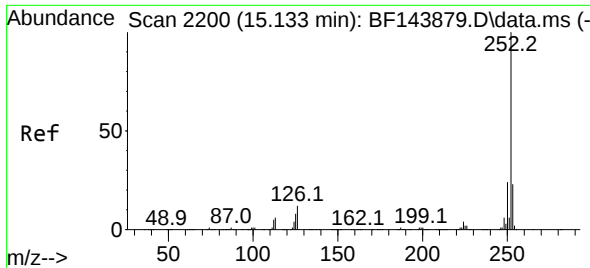


#88
Benzo(b)fluoranthene
Concen: 47.367 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:252 Resp: 803793
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.2 7.8 11.6





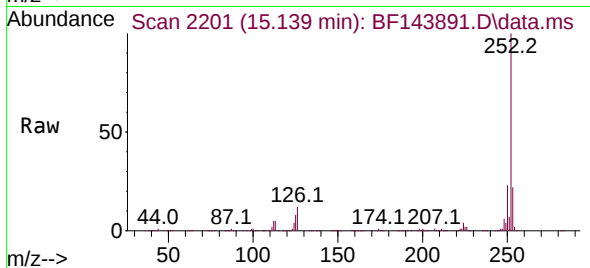
#89
Benzo(k)fluoranthene
Concen: 50.638 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

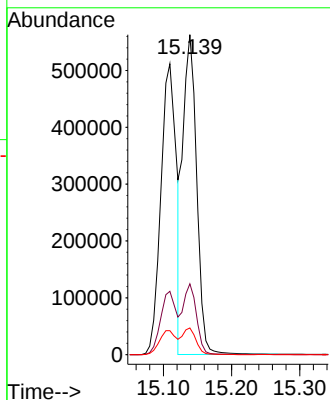
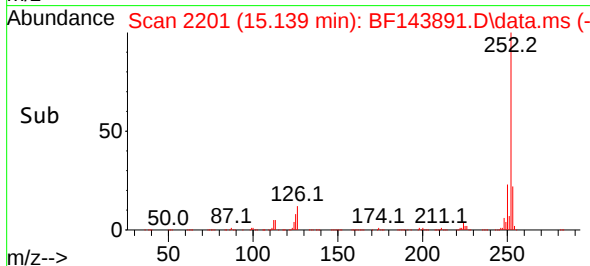
PB169953BS



Tgt Ion:252 Resp: 795124
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.3 7.4 11.2

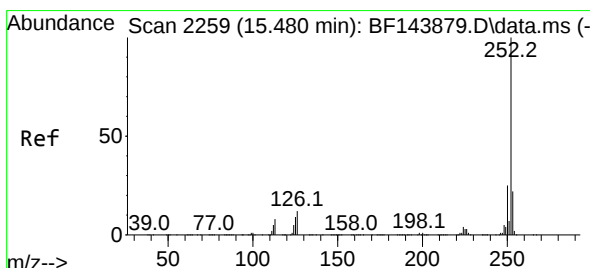
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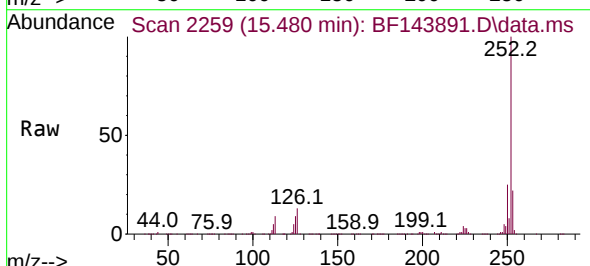


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Upadhyay

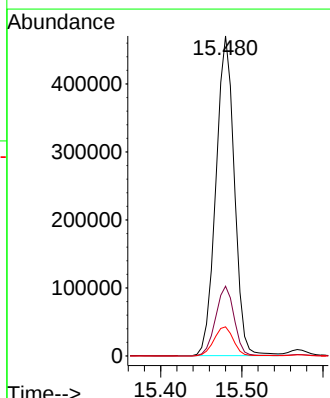
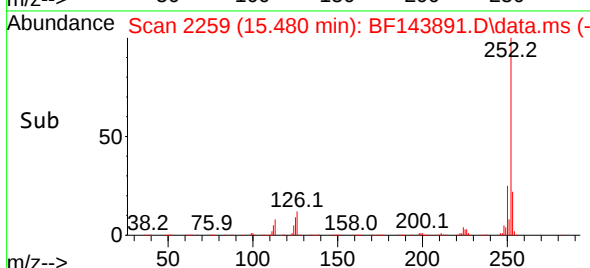
10/09/2025

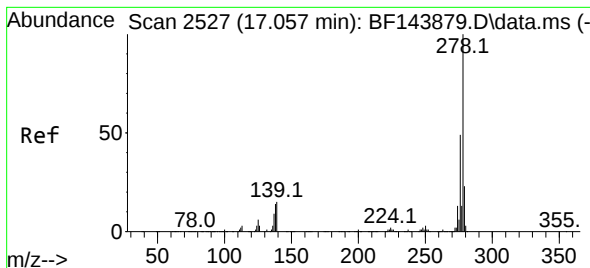


#90
Benzo(a)pyrene
Concen: 50.355 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



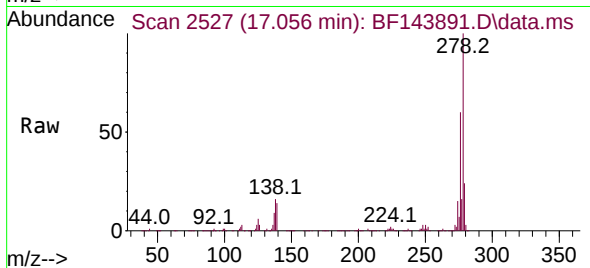
Tgt Ion:252 Resp: 740931
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.1 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 48.969 ng
RT: 17.056 min Scan# 2527
Delta R.T. -0.024 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

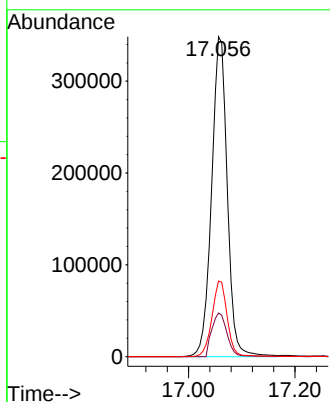
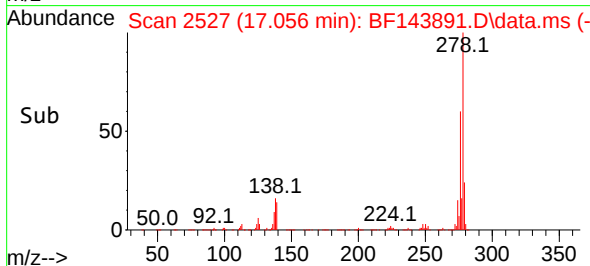
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:278 Resp: 712892
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 23.6 18.4 27.6

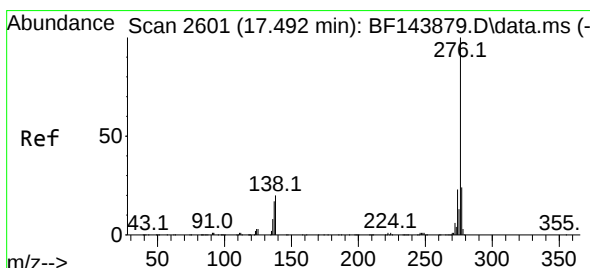
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#92
Benzo(g,h,i)perylene
Concen: 49.055 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:276 Resp: 714155
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 21.5 16.1 24.1

