

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143893.D
 Acq On : 08 Oct 2025 14:09
 Operator : RC/JU
 Sample : PB170020BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170020BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Oct 08 14:36:43 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	140860	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	552430	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	304441	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	530990	20.000	ng	0.00
76) Chrysene-d12	14.063	240	331142	20.000	ng	0.00
86) Perylene-d12	15.539	264	297474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1015152	114.443	ng	0.01
7) Phenol-d6	6.510	99	1223379	115.707	ng	0.00
23) Nitrobenzene-d5	7.445	82	779538	85.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	383741	126.551	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1457481	75.964	ng	0.00
79) Terphenyl-d14	13.004	244	1673137	86.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	153978	37.512	ng	99
3) Pyridine	3.504	79	445371	37.271	ng	99
4) n-Nitrosodimethylamine	3.463	42	290067	46.144	ng	97
6) Aniline	6.545	93	505296	31.893	ng	99
8) 2-Chlorophenol	6.663	128	384624	44.359	ng	100
9) Benzaldehyde	6.428	77	96993	11.892	ng	100
10) Phenol	6.522	94	551462	43.627	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	423515	43.373	ng	98
12) 1,3-Dichlorobenzene	6.822	146	438354	42.234	ng	100
13) 1,4-Dichlorobenzene	6.898	146	442460	43.217	ng	100
14) 1,2-Dichlorobenzene	7.051	146	431485	44.000	ng	99
15) Benzyl Alcohol	7.022	79	368801	46.554	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	985627	44.345	ng	99
17) 2-Methylphenol	7.134	107	324852	45.334	ng	99
18) Hexachloroethane	7.398	117	145226	42.534	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	311586	43.053	ng	98
20) 3+4-Methylphenols	7.286	107	362051	43.594	ng	# 79
22) Acetophenone	7.292	105	501108	42.900	ng	97
24) Nitrobenzene	7.463	77	449309	44.496	ng	99
25) Isophorone	7.704	82	834797	43.541	ng	99
26) 2-Nitrophenol	7.781	139	208546	48.172	ng	99
27) 2,4-Dimethylphenol	7.816	122	376084	48.293	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	517559	42.734	ng	99
29) 2,4-Dichlorophenol	8.022	162	350258	43.179	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	364200	45.652	ng	98
31) Naphthalene	8.186	128	1053756	41.933	ng	99
32) Benzoic acid	7.933	122	258358	47.936	ng	97
33) 4-Chloroaniline	8.233	127	254299	26.982	ng	99
34) Hexachlorobutadiene	8.304	225	232107	41.868	ng	97
35) Caprolactam	8.604	113	125385m	48.613	ng	
36) 4-Chloro-3-methylphenol	8.716	107	343259	44.053	ng	99
37) 2-Methylnaphthalene	8.880	142	650308	38.849	ng	99
38) 1-Methylnaphthalene	8.980	142	672113	41.394	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	348628	41.433	ng	98
41) Hexachlorocyclopentadiene	9.033	237	359589	103.012	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	265583	43.198	ng	98

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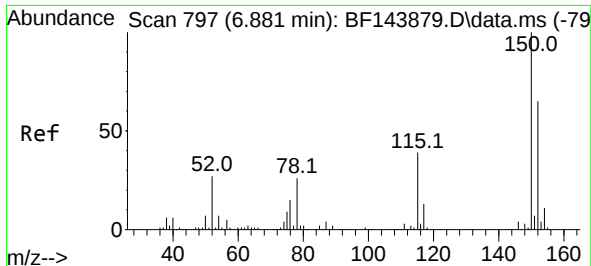
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	290493	44.712	ng	97
46) 1,1'-Biphenyl	9.345	154	865497	42.938	ng	99
47) 2-Chloronaphthalene	9.369	162	711402	42.331	ng	97
48) 2-Nitroaniline	9.463	65	256587	48.292	ng	98
49) Acenaphthylene	9.786	152	1122955	47.529	ng	100
50) Dimethylphthalate	9.645	163	846276	43.773	ng	99
51) 2,6-Dinitrotoluene	9.710	165	184918	51.581	ng	98
52) Acenaphthene	9.957	154	714385	46.144	ng	98
53) 3-Nitroaniline	9.875	138	155979	35.533	ng	100
54) 2,4-Dinitrophenol	9.986	184	189592	85.238	ng	93
55) Dibenzofuran	10.133	168	930326	42.570	ng	99
56) 4-Nitrophenol	10.033	139	306835	92.318	ng	93
57) 2,4-Dinitrotoluene	10.116	165	244150	50.053	ng	96
58) Fluorene	10.474	166	690695	41.885	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	215280	46.809	ng	100
60) Diethylphthalate	10.351	149	786500	43.790	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	366988	42.094	ng	99
62) 4-Nitroaniline	10.498	138	198794	47.094	ng	98
63) Azobenzene	10.627	77	832392	44.343	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	135784	50.887	ng	99
66) n-Nitrosodiphenylamine	10.586	169	727400	43.628	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	245913	41.906	ng	97
68) Hexachlorobenzene	11.022	284	293587	43.214	ng	98
69) Atrazine	11.116	200	216942	42.930	ng	98
70) Pentachlorophenol	11.216	266	347423	89.041	ng	98
71) Phenanthrene	11.439	178	1112043	43.199	ng	100
72) Anthracene	11.492	178	1106009	42.529	ng	99
73) Carbazole	11.645	167	1003240	43.557	ng	99
74) Di-n-butylphthalate	11.974	149	1199086	44.919	ng	100
75) Fluoranthene	12.633	202	1199277	45.102	ng	98
77) Benzidine	12.751	184	272359	23.687	ng	100
78) Pyrene	12.863	202	1196891	43.355	ng	100
80) Butylbenzylphthalate	13.480	149	454892	50.736	ng	98
81) Benzo(a)anthracene	14.051	228	999220	46.111	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	253858	38.440	ng	98
83) Chrysene	14.092	228	877447	43.749	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	542011	50.150	ng	100
85) Di-n-octyl phthalate	14.657	149	844614	47.581	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	862301	47.308	ng	98
88) Benzo(b)fluoranthene	15.109	252	813114	47.584	ng	98
89) Benzo(k)fluoranthene	15.139	252	816736	51.654	ng	99
90) Benzo(a)pyrene	15.480	252	759986	51.292	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	717899	48.971	ng	99
92) Benzo(g,h,i)perylene	17.498	276	717250	48.926	ng	99

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

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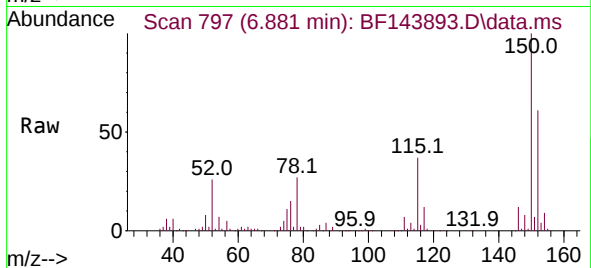
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143893.D
 Acq: 08 Oct 2025 14:09

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BNA_F

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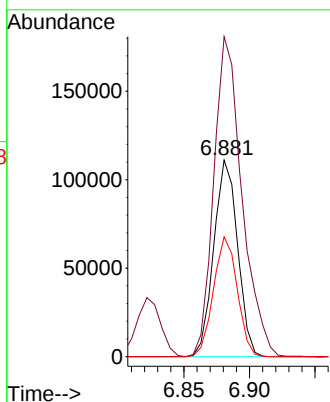
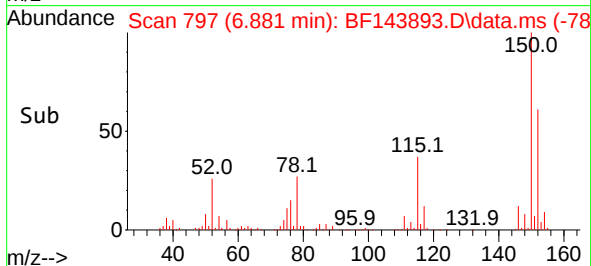
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Tgt Ion:152 Resp: 140860
 Ion Ratio Lower Upper
 152 100
 150 162.8 124.4 186.6
 115 60.9 48.1 72.1

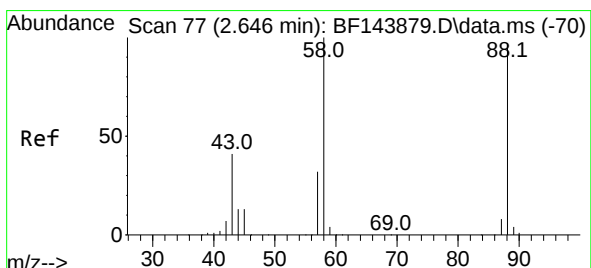
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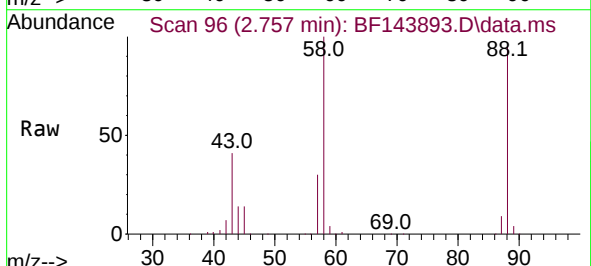


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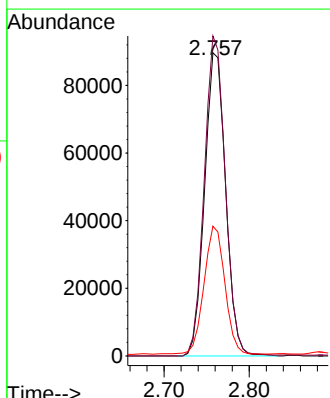
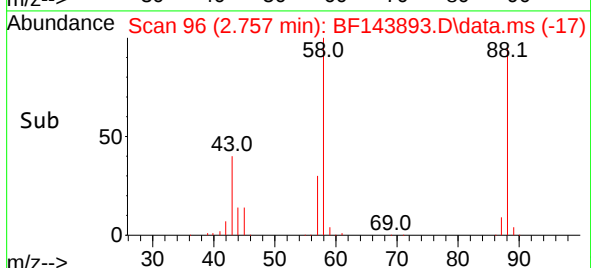
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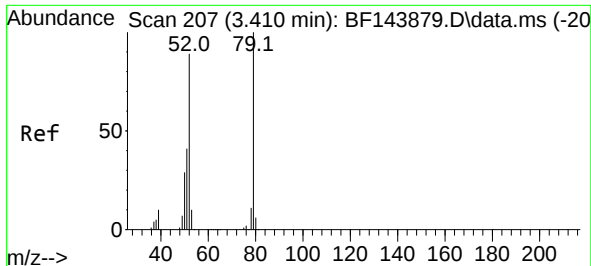


#2
 1,4-Dioxane
 Concen: 37.512 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.112 min
 Lab File: BF143893.D
 Acq: 08 Oct 2025 14:09



Tgt Ion: 88 Resp: 153978
 Ion Ratio Lower Upper
 88 100
 58 105.1 83.0 124.6
 43 41.9 33.9 50.9





#3

Pyridine

Concen: 37.271 ng

RT: 3.504 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF143893.D

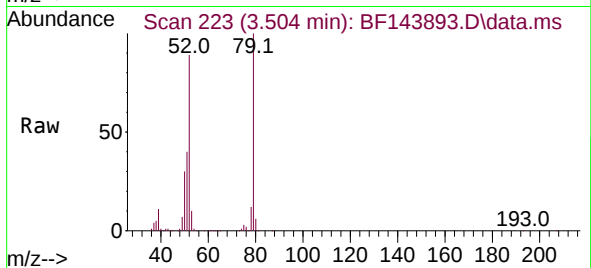
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Instrument :

BNA_F

ClientSampleId :

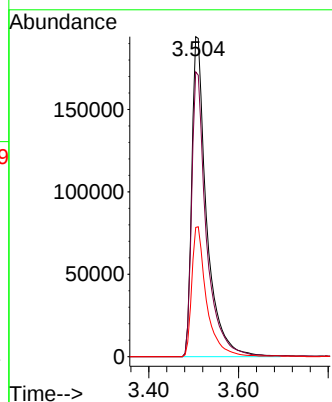
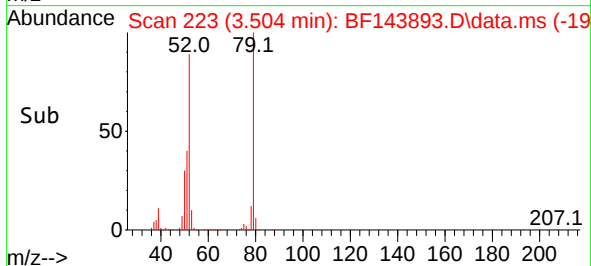
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	89.0	71.5	107.3
51	40.4	32.9	49.3

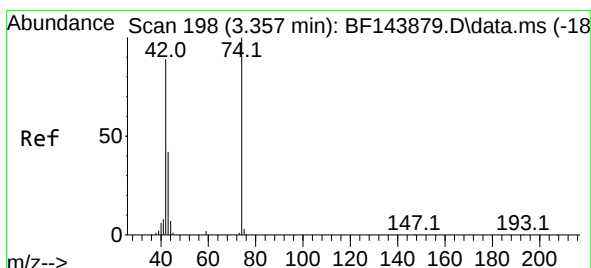
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Upadhyay

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#4

n-Nitrosodimethylamine

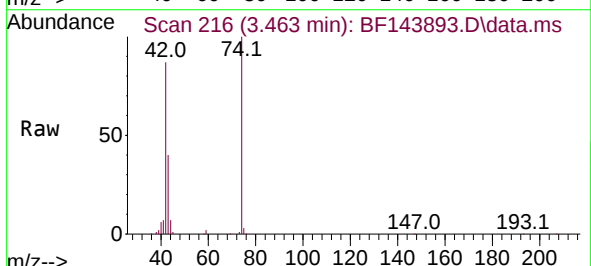
Concen: 46.144 ng

RT: 3.463 min Scan# 216

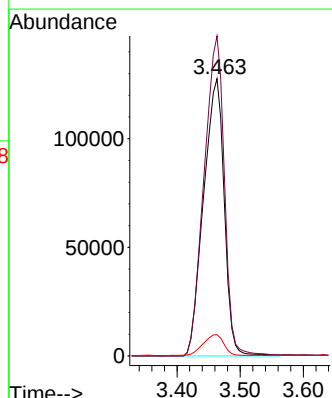
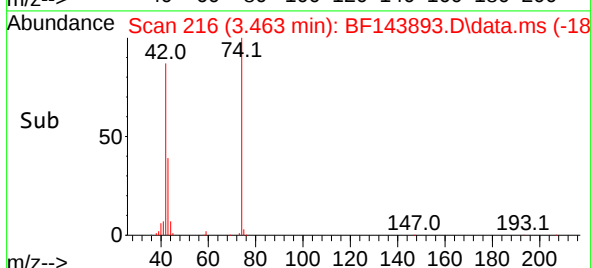
Delta R.T. 0.076 min

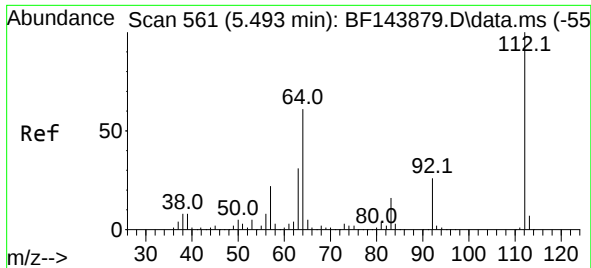
Lab File: BF143893.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.5	90.0	135.0
44	7.7	6.2	9.2





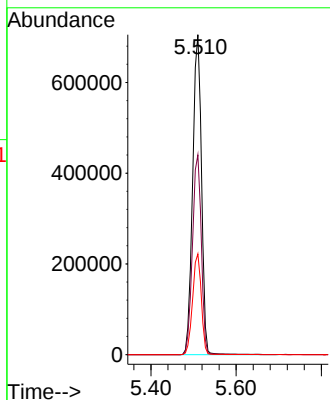
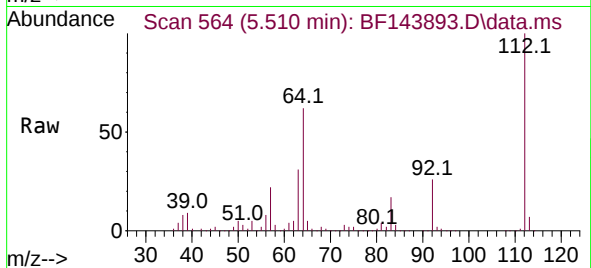
#5
2-Fluorophenol
Concen: 114.443 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :
BNA_F
ClientSampleId :
PB170020BS

Tgt Ion:112 Resp: 1015152
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 31.5 24.5 36.7

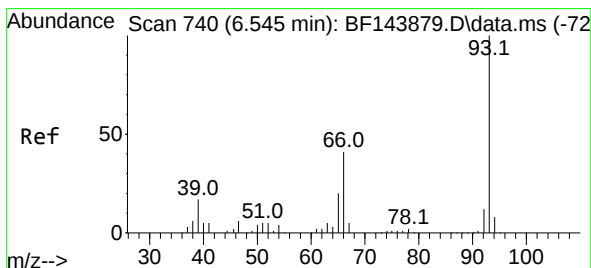
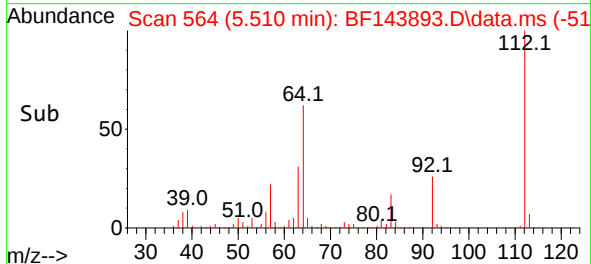
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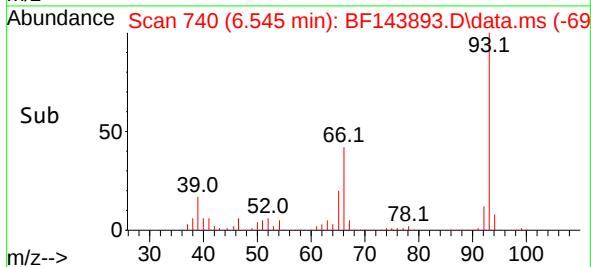
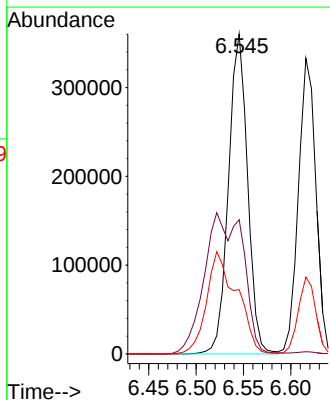
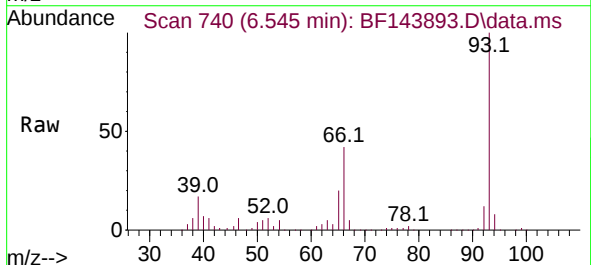
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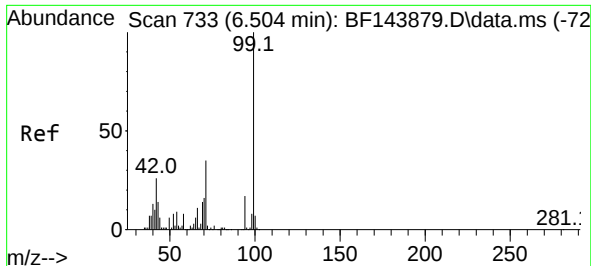
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#6
Aniline
Concen: 31.893 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

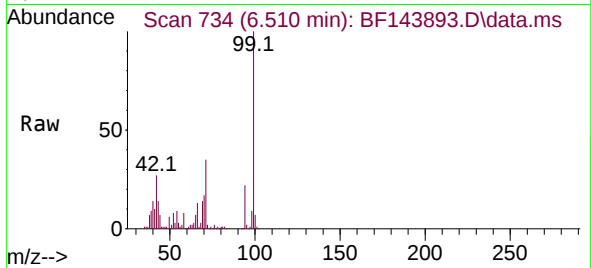
Tgt Ion: 93 Resp: 505296
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.1 15.8 23.8





#7
Phenol-d6
Concen: 115.707 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

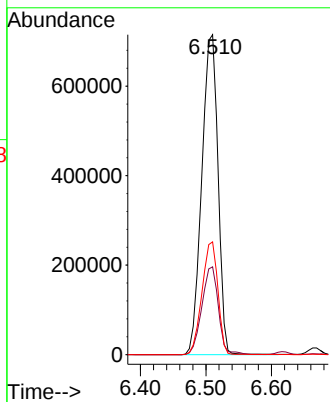
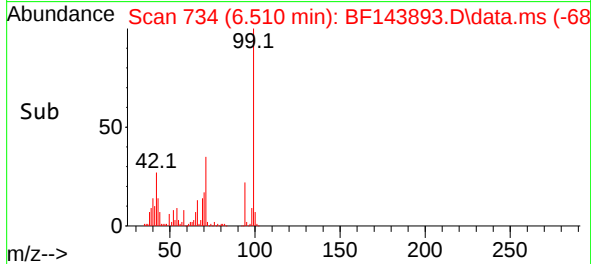
Instrument :
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Tgt Ion: 99 Resp: 1223379
Ion Ratio Lower Upper
99 100
42 27.4 21.0 31.4
71 35.2 27.8 41.8

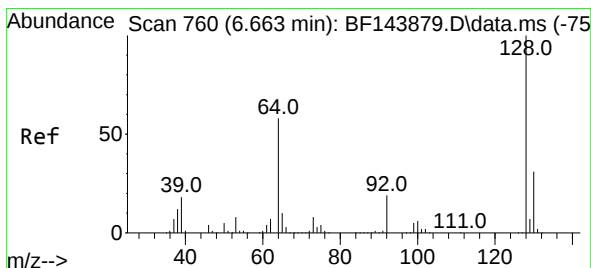
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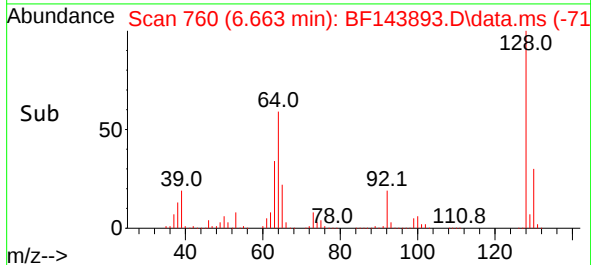
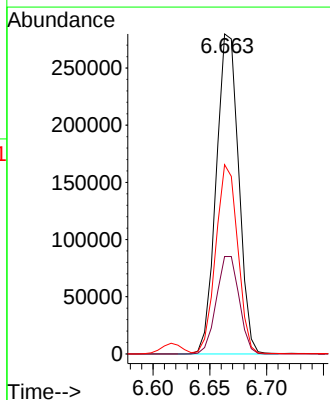
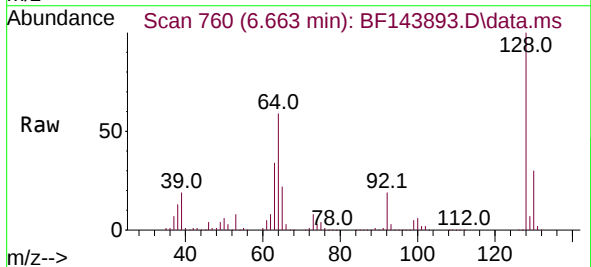
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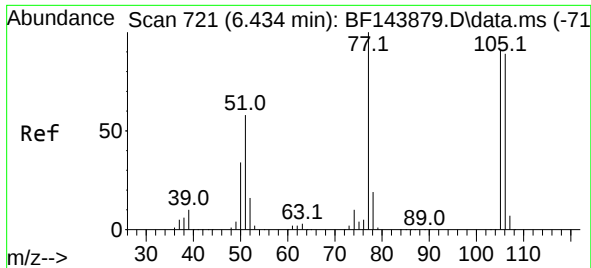
10/09/2025



#8
2-Chlorophenol
Concen: 44.359 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:128 Resp: 384624
Ion Ratio Lower Upper
128 100
130 30.4 10.7 50.7
64 59.1 39.0 79.0





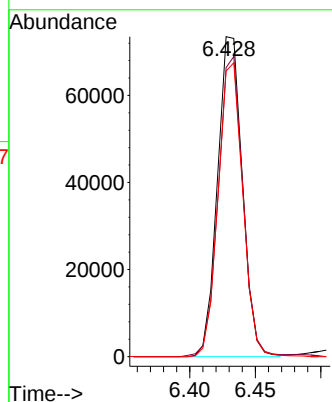
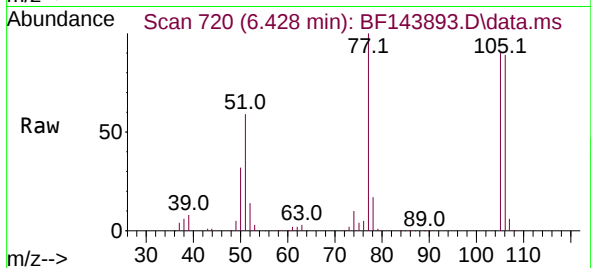
#9
Benzaldehyde
Concen: 11.892 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 96993
Ion Ratio Lower Upper
77 100
105 90.3 70.9 110.9
106 89.2 68.9 108.9

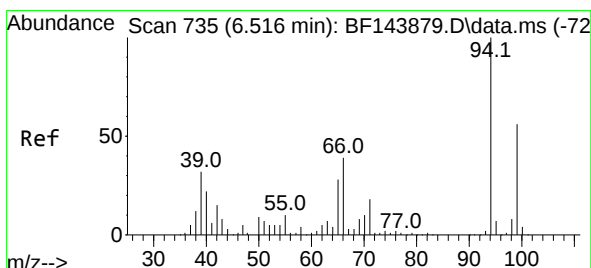
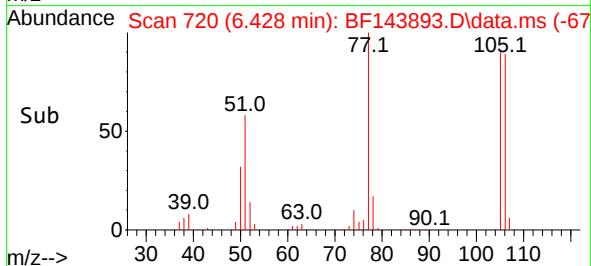
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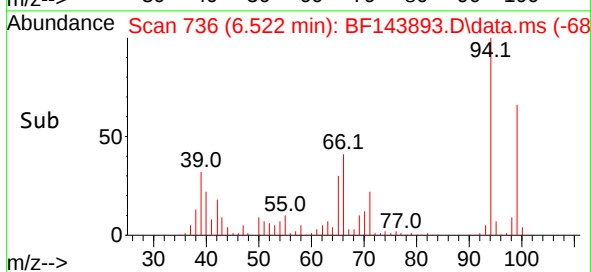
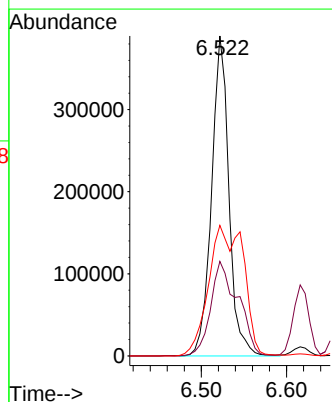
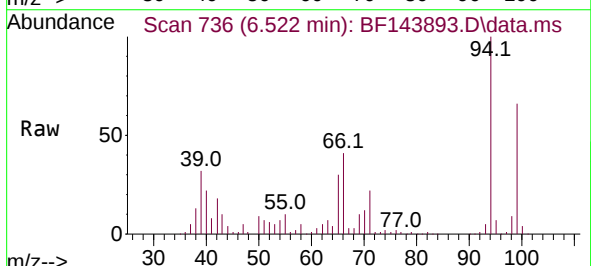
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Upadhyay

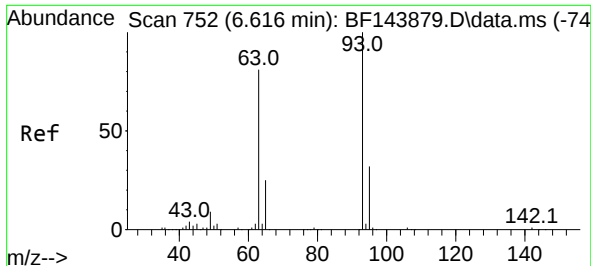
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#10
Phenol
Concen: 43.627 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

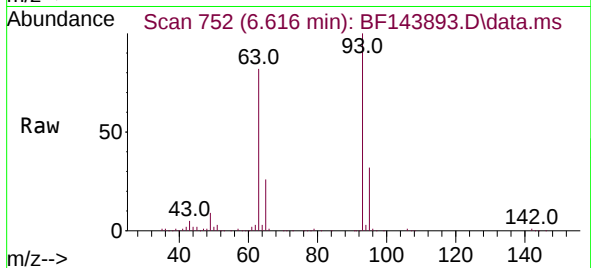
Tgt Ion: 94 Resp: 551462
Ion Ratio Lower Upper
94 100
65 29.5 8.5 48.5
66 40.8 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 43.373 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

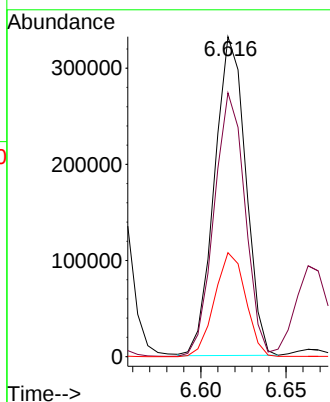
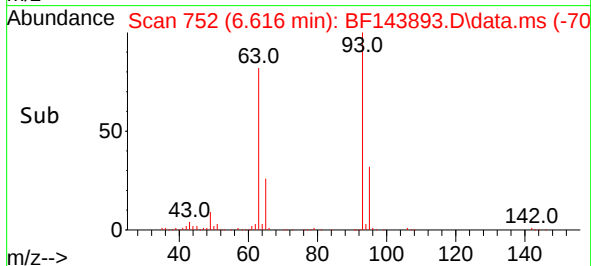
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion: 93 Resp: 423515
Ion Ratio Lower Upper
93 100
63 82.4 60.9 100.9
95 32.5 11.5 51.5

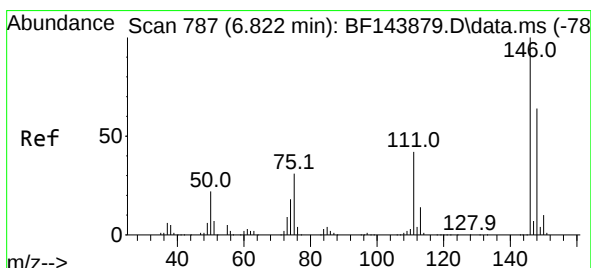
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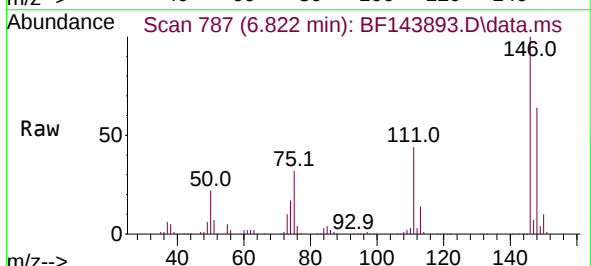


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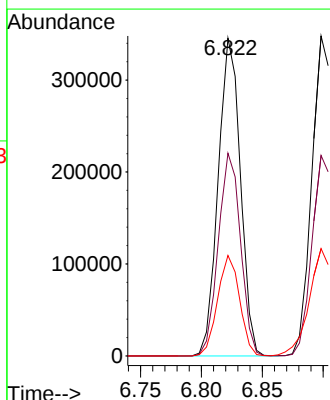
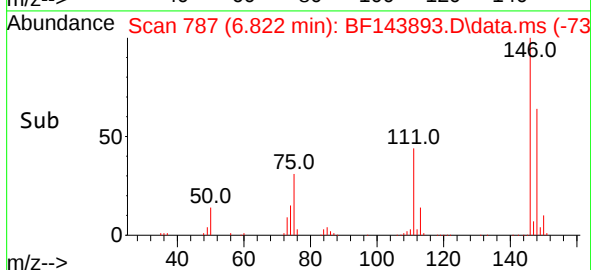
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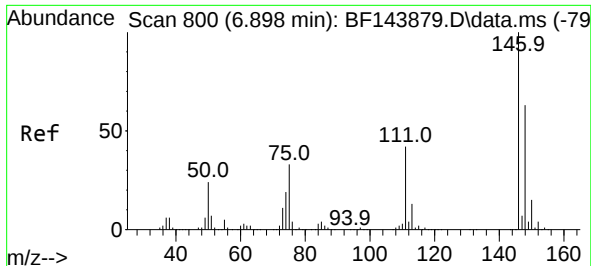


#12
1,3-Dichlorobenzene
Concen: 42.234 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



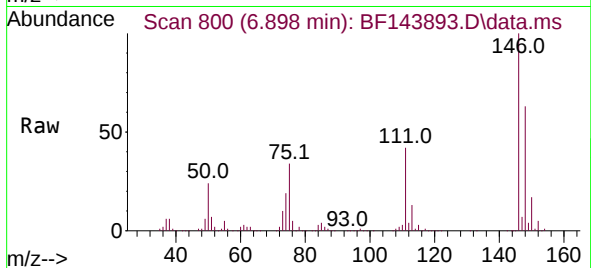
Tgt Ion:146 Resp: 438354
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.6 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 43.217 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

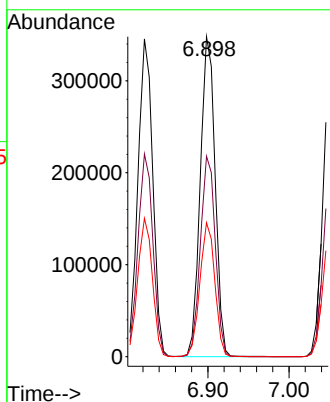
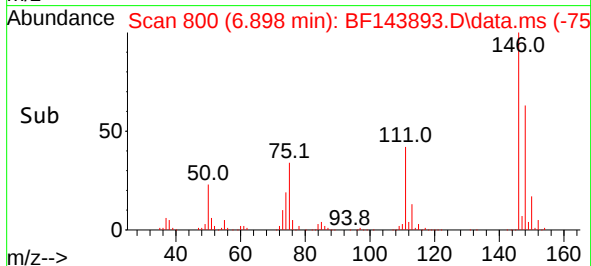
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:146 Resp: 442460
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
111 41.8 33.4 50.0

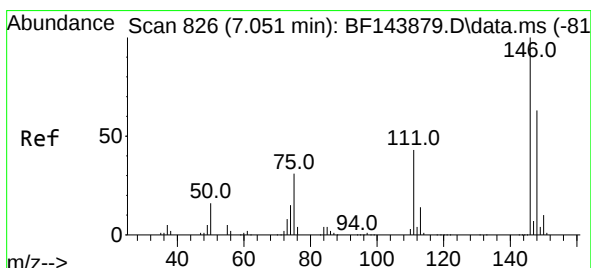
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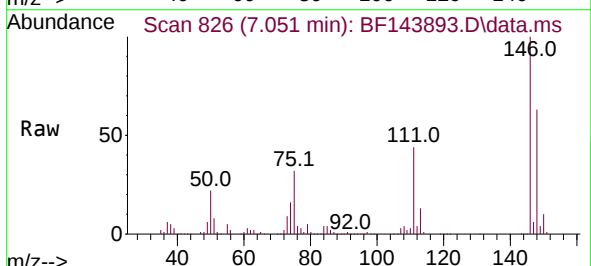


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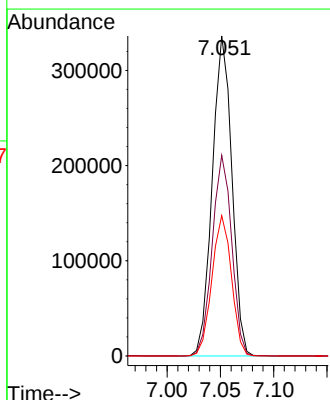
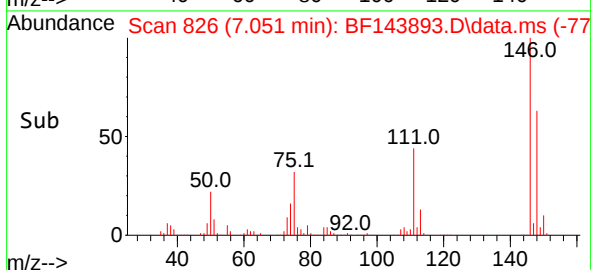
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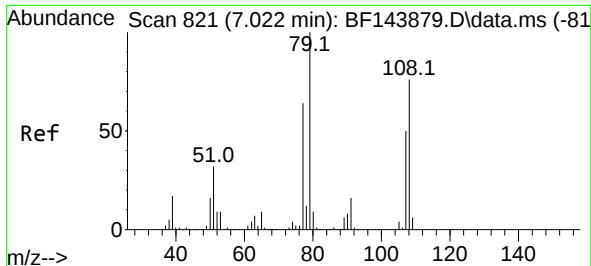


#14
1,2-Dichlorobenzene
Concen: 44.000 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



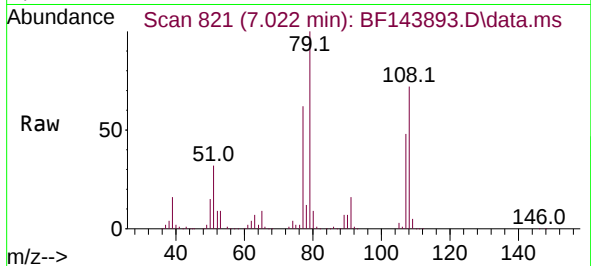
Tgt Ion:146 Resp: 431485
Ion Ratio Lower Upper
146 100
148 62.7 50.6 75.8
111 43.8 34.6 51.8





#15
Benzyl Alcohol
Concen: 46.554 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

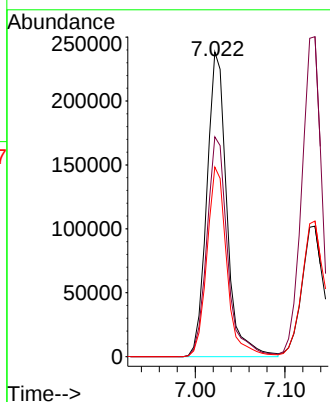
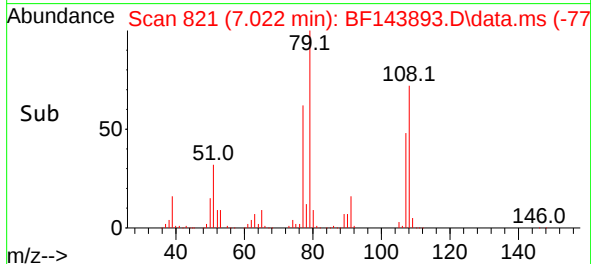
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion: 79 Resp: 368801
Ion Ratio Lower Upper
79 100
108 72.1 60.8 91.2
77 62.2 51.0 76.6

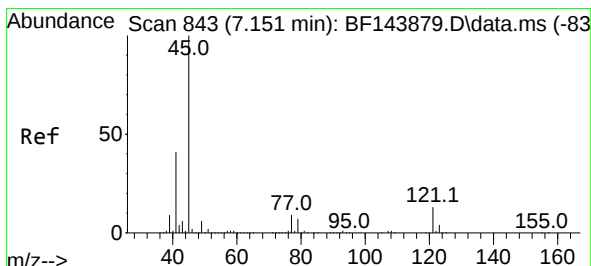
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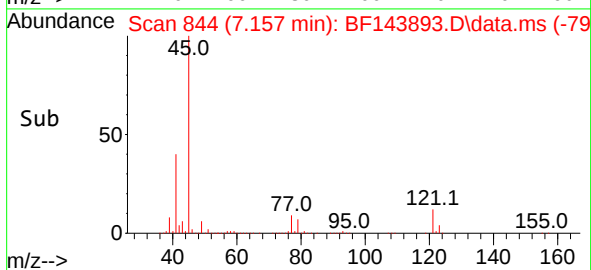
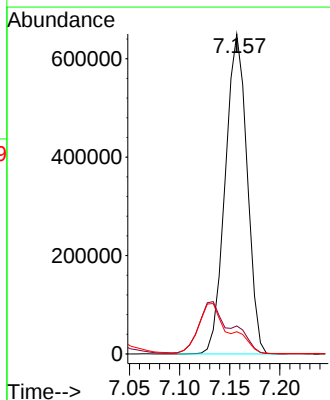
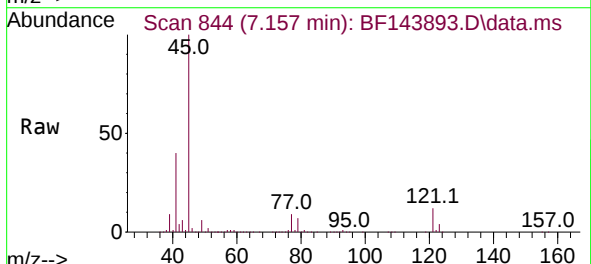
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Upadhyay

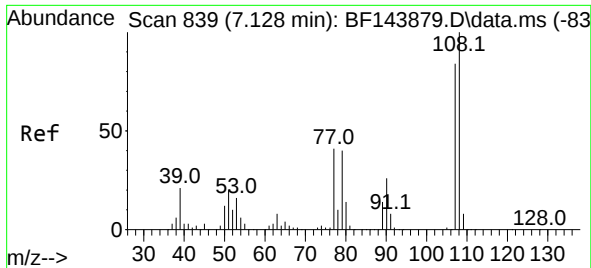
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.345 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion: 45 Resp: 985627
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 6.9 0.0 26.8





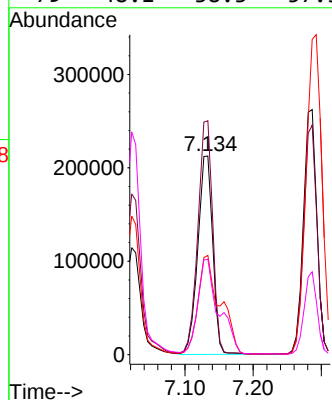
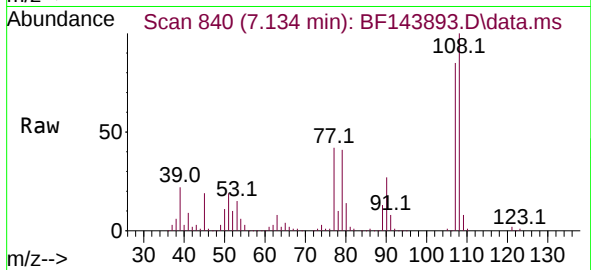
#17
2-Methylphenol
Concen: 45.334 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :
BNA_F
ClientSampleId :
PB170020BS

Tgt Ion:107 Resp: 324852
Ion Ratio Lower Upper
107 100
108 117.8 94.7 142.1
77 49.9 38.8 58.2
79 48.1 38.3 57.5

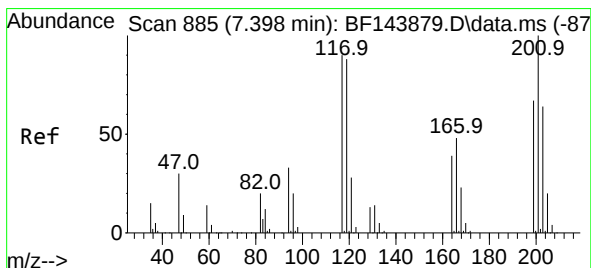
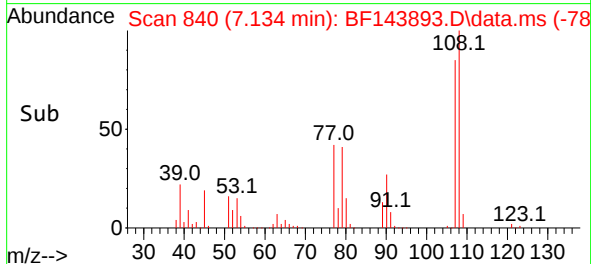
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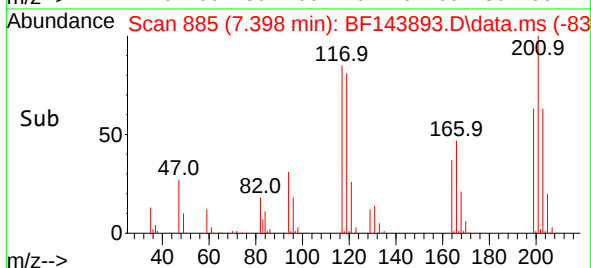
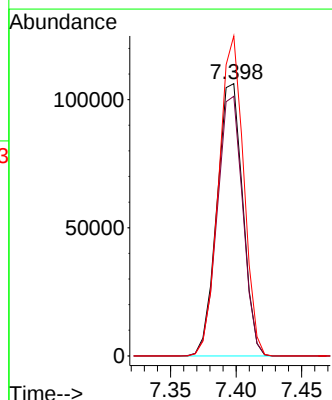
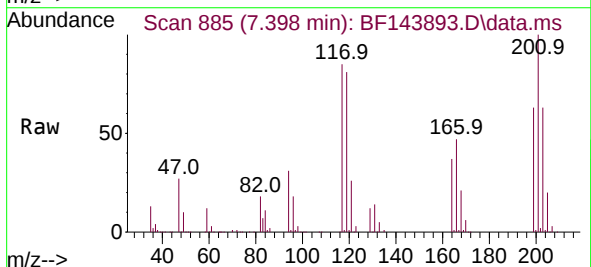
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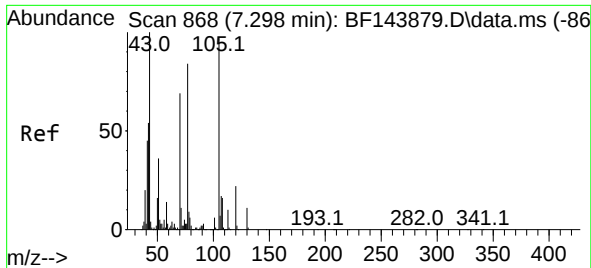
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#18
Hexachloroethane
Concen: 42.534 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

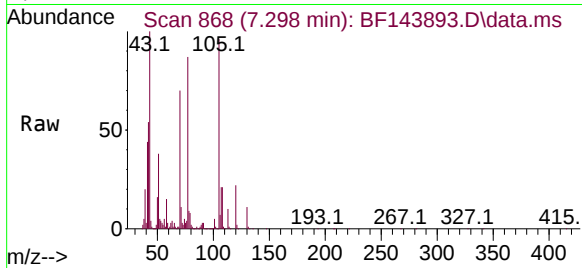
Tgt Ion:117 Resp: 145226
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8
201 117.5 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.053 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

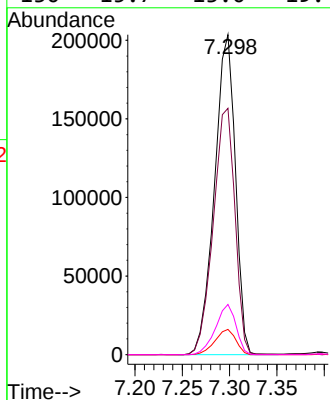
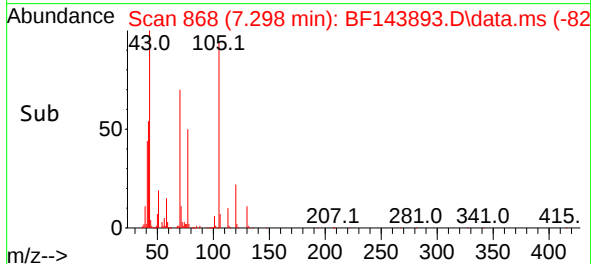
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion: 70 Resp: 311586
Ion Ratio Lower Upper
70 100
42 77.0 62.8 94.2
101 7.9 6.7 10.1
130 15.7 13.0 19.4

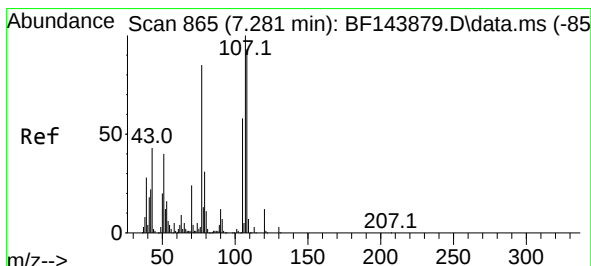
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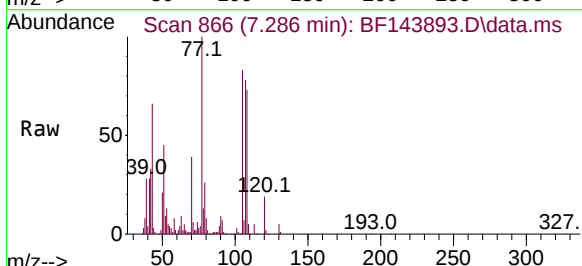


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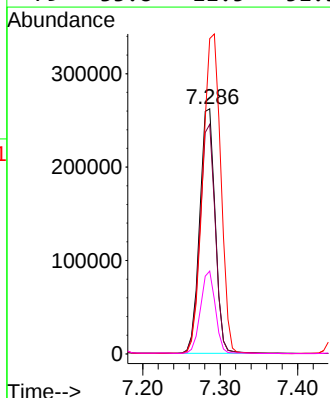
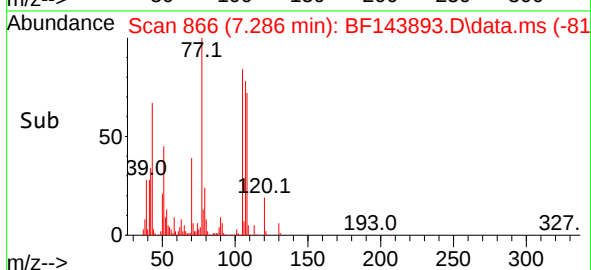
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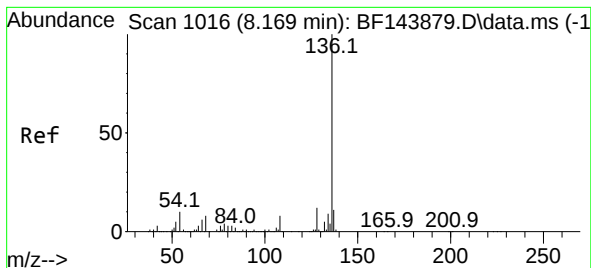


#20
3+4-Methylphenols
Concen: 43.594 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:107 Resp: 362051
Ion Ratio Lower Upper
107 100
108 93.7 73.0 113.0
77 128.7 64.6 104.6#
79 33.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

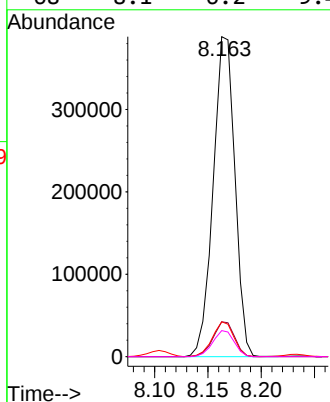
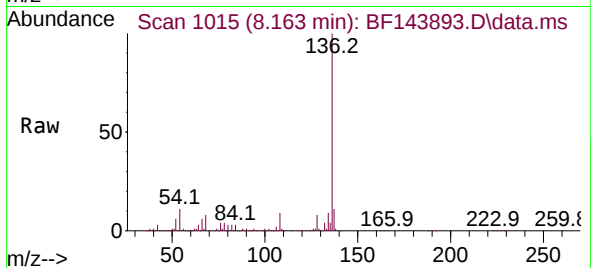
ClientSampleId :

PB170020BS

Tgt Ion:136 Resp: 552430
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 8.2 12.4
68 8.1 6.2 9.4

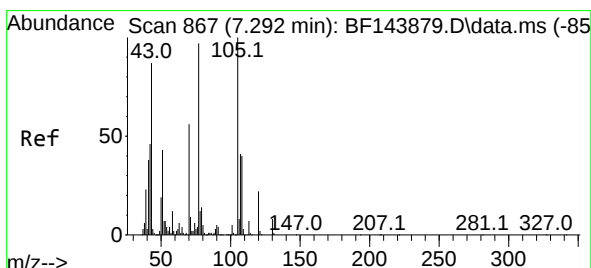
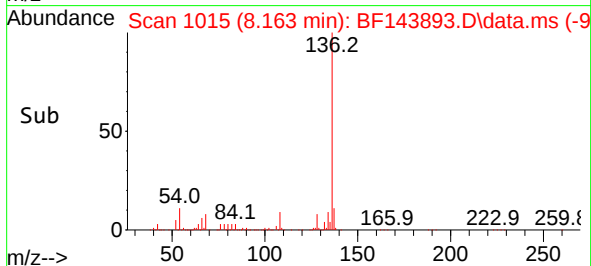
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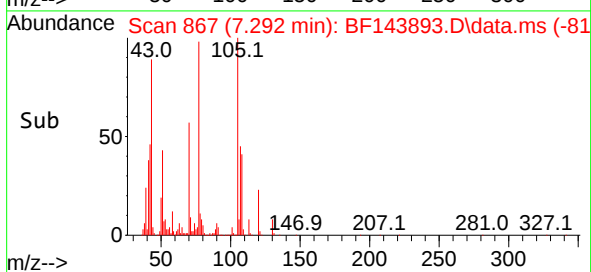
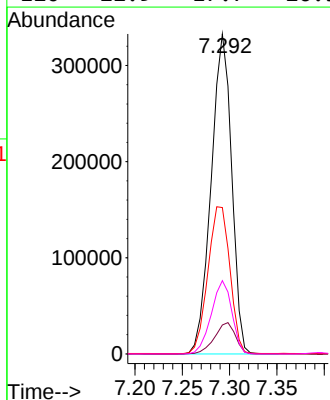
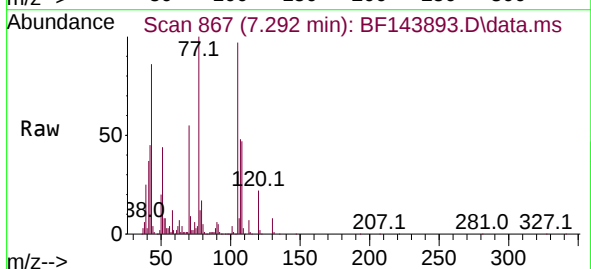
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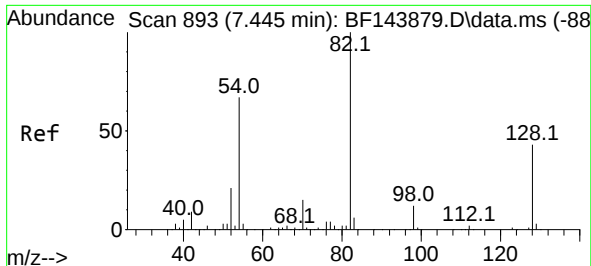
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#22
Acetophenone
Concen: 42.900 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:105 Resp: 501108
Ion Ratio Lower Upper
105 100
71 9.0 7.4 11.0
51 45.8 34.2 51.4
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 85.732 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

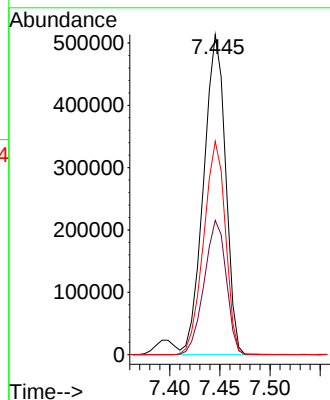
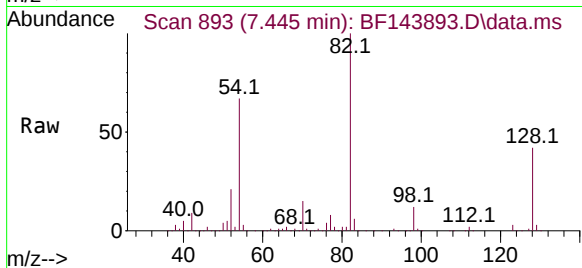
ClientSampleId :

PB170020BS

Tgt Ion: 82 Resp: 779538
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.0 51.0
 54 66.7 53.2 79.8

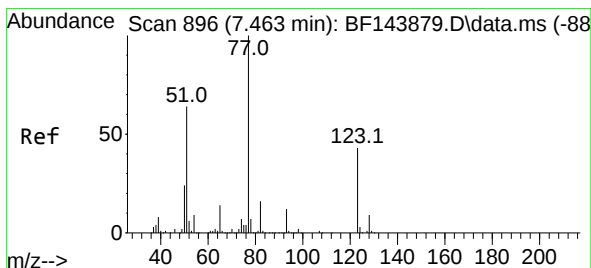
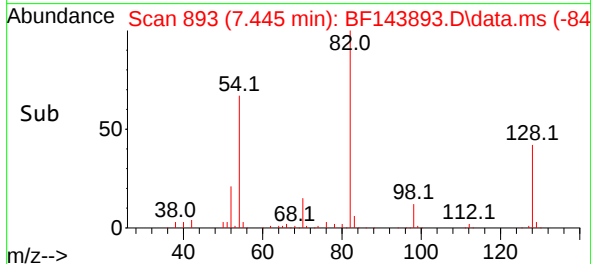
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#24

Nitrobenzene

Concen: 44.496 ng

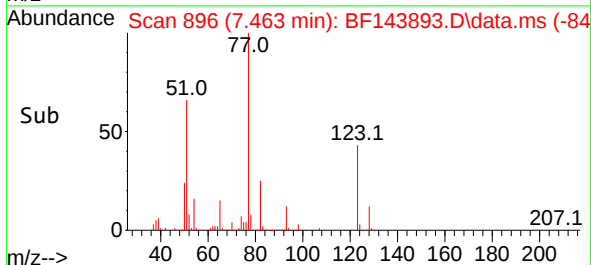
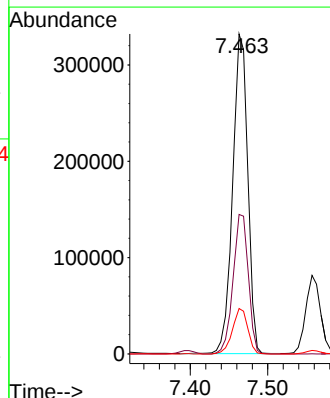
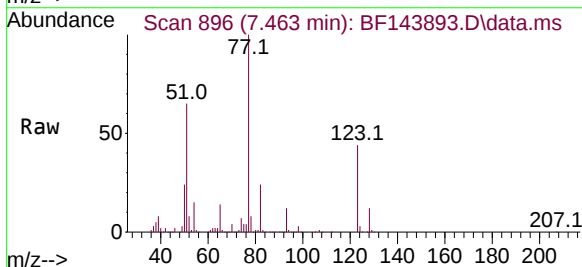
RT: 7.463 min Scan# 896

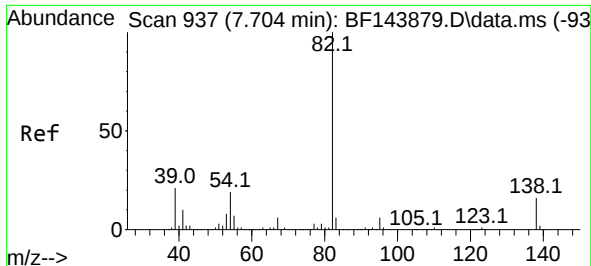
Delta R.T. -0.012 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

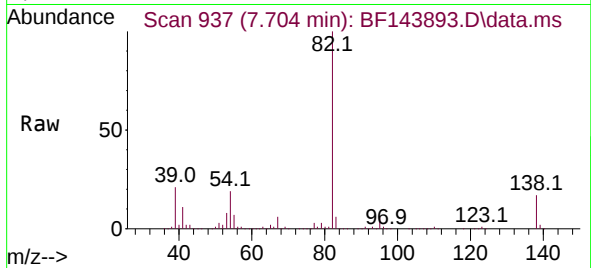
Tgt Ion: 77 Resp: 449309
 Ion Ratio Lower Upper
 77 100
 123 43.6 34.2 51.4
 65 14.2 11.0 16.6





#25
Isophorone
Concen: 43.541 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

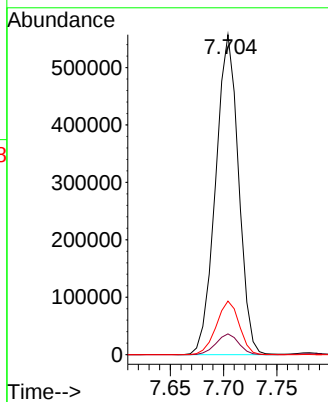
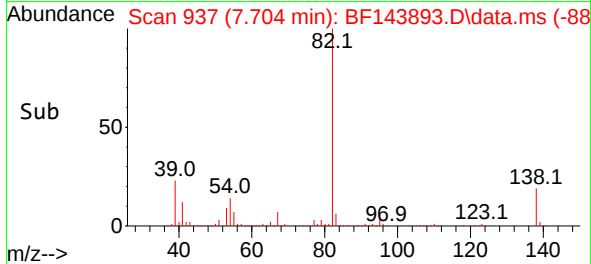
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion: 82 Resp: 83479
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.7 12.9 19.3

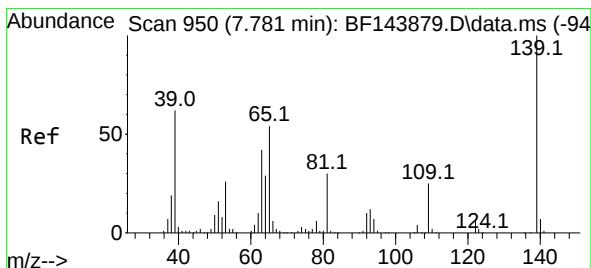
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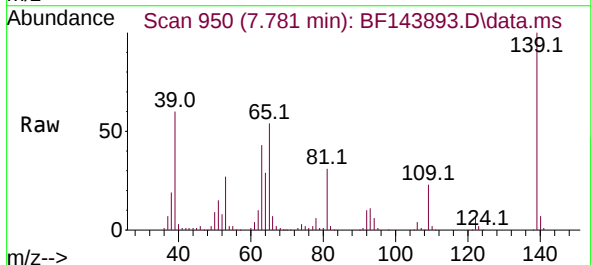


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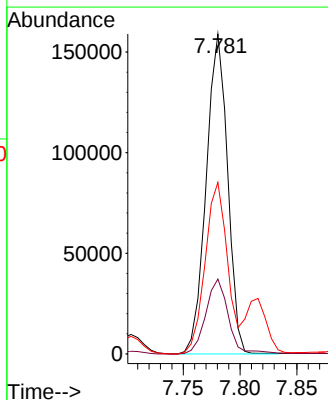
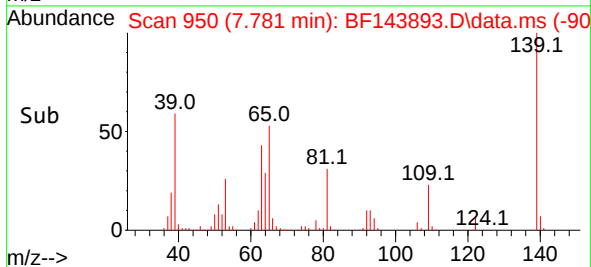
10/09/2025

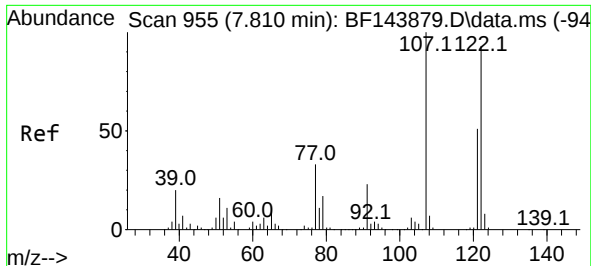


#26
2-Nitrophenol
Concen: 48.172 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:139 Resp: 208546
Ion Ratio Lower Upper
139 100
109 23.4 19.8 29.6
65 53.6 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 48.293 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

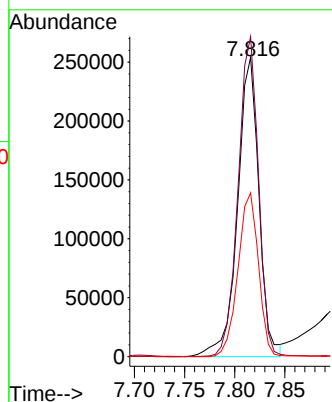
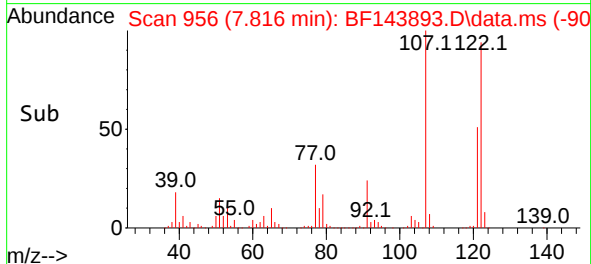
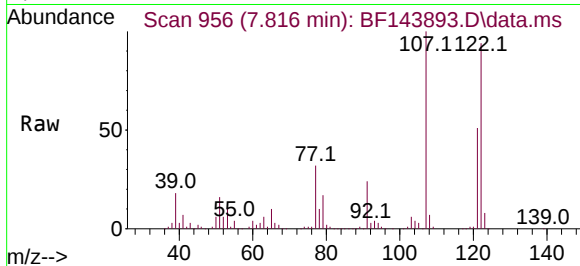
ClientSampleId :

PB170020BS

Tgt Ion:122 Resp: 376084
Ion Ratio Lower Upper
122 100
107 106.9 86.1 129.1
121 54.7 43.8 65.6

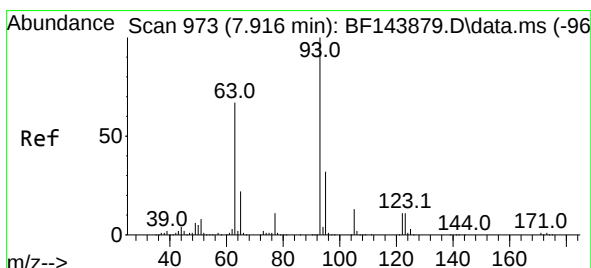
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Chavli



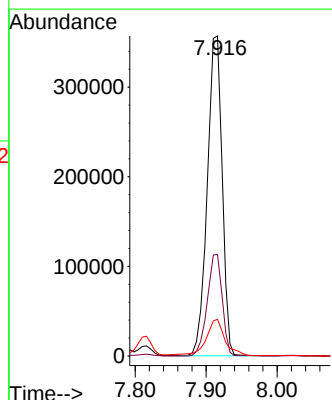
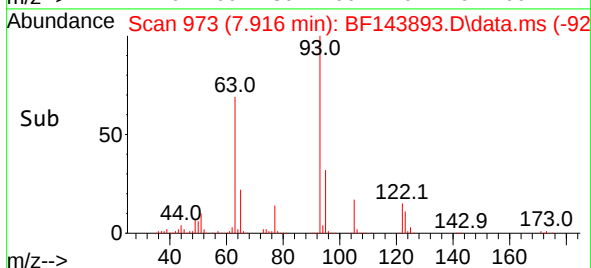
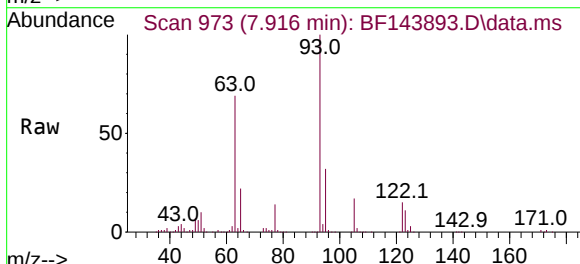
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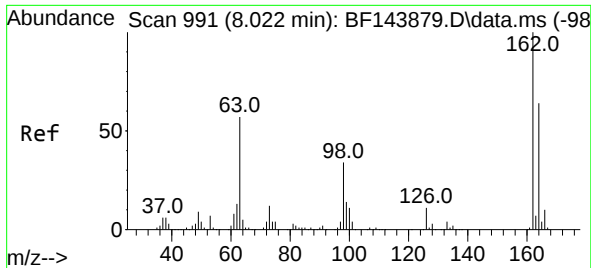
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#28
bis(2-Chloroethoxy)methane
Concen: 42.734 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion: 93 Resp: 517559
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 11.4 9.4 14.0





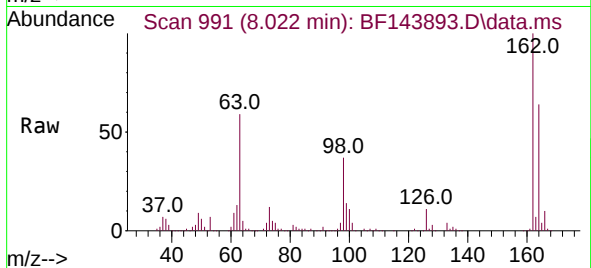
#29
2,4-Dichlorophenol
Concen: 43.179 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

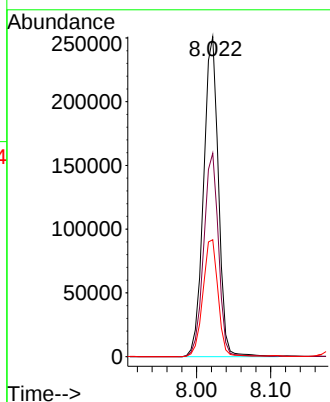
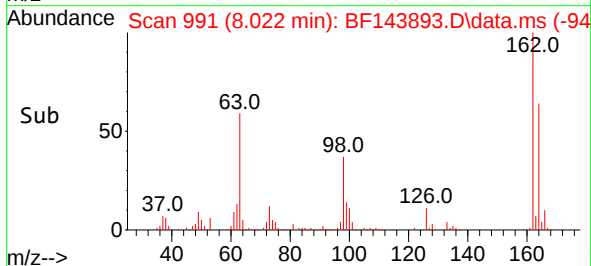
PB170020BS



Tgt Ion:162 Resp: 350258
Ion Ratio Lower Upper
162 100
164 63.6 43.9 83.9
98 36.5 14.4 54.4

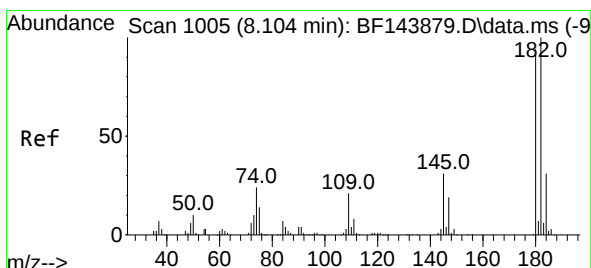
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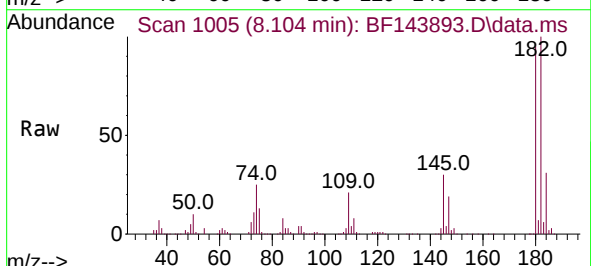


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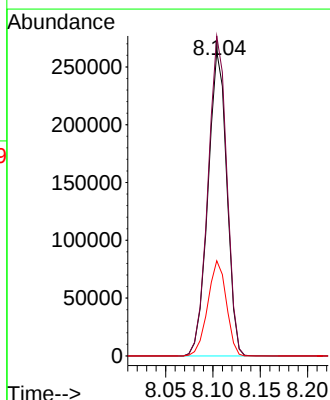
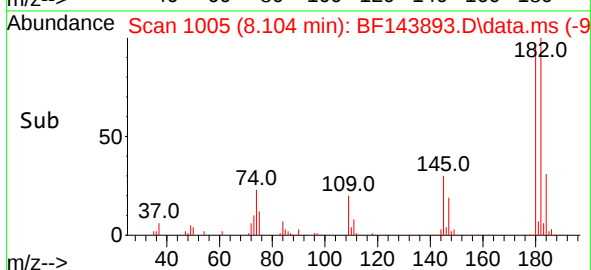
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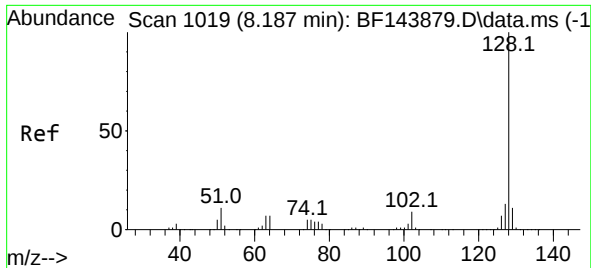


#30
1,2,4-Trichlorobenzene
Concen: 45.652 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:180 Resp: 364200
Ion Ratio Lower Upper
180 100
182 105.1 85.4 128.0
145 31.2 26.3 39.5





#31
Naphthalene
Concen: 41.933 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

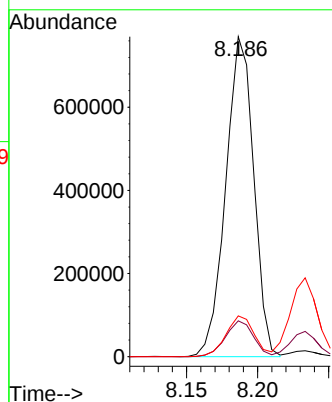
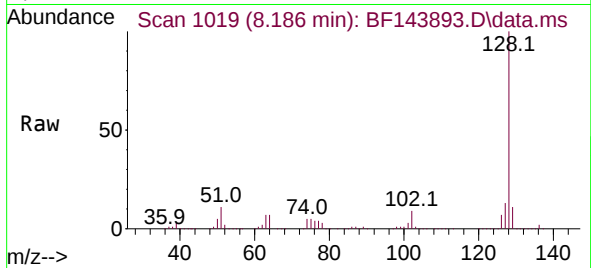
ClientSampleId :

PB170020BS

Tgt Ion:128 Resp: 1053756
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.7 10.0 15.0

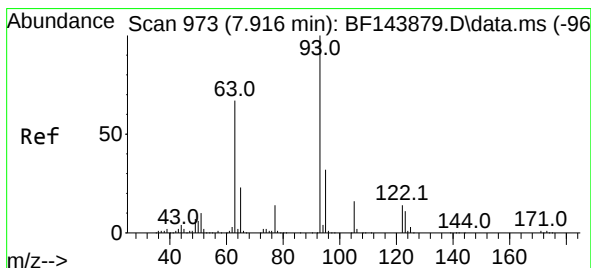
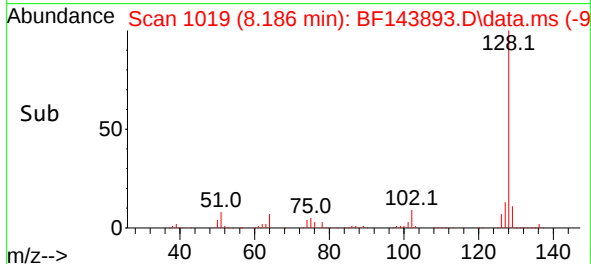
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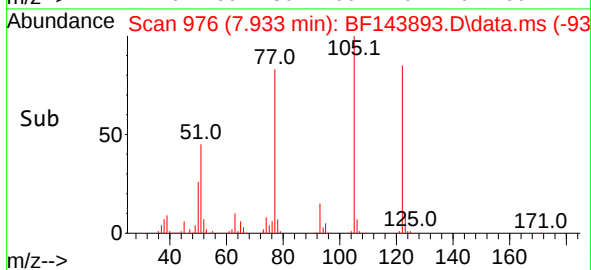
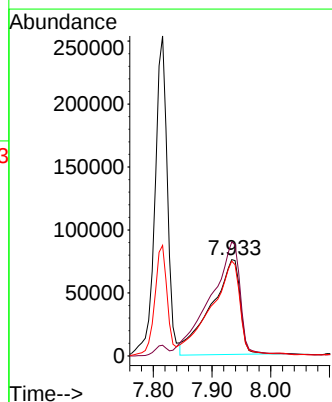
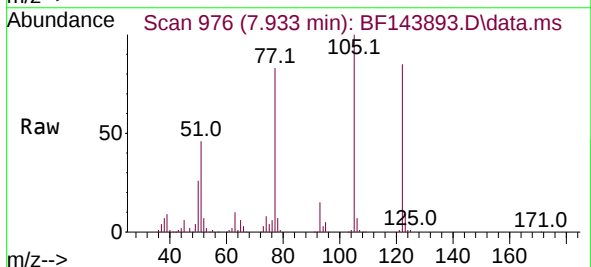
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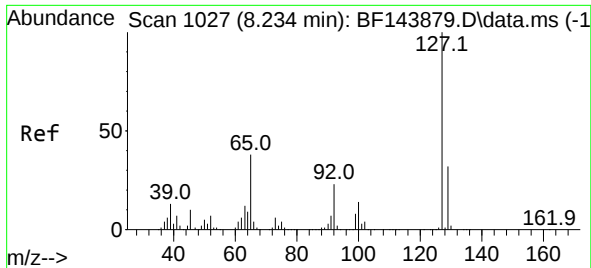
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#32
Benzoic acid
Concen: 47.936 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:122 Resp: 258358
Ion Ratio Lower Upper
122 100
105 118.3 93.5 133.5
77 98.5 76.3 116.3





#33
4-Chloroaniline
Concen: 26.982 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

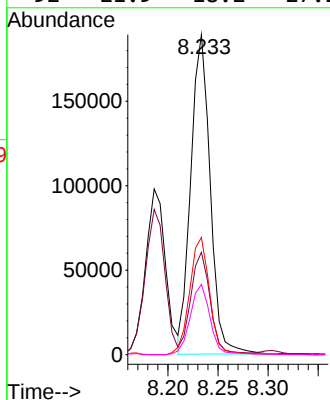
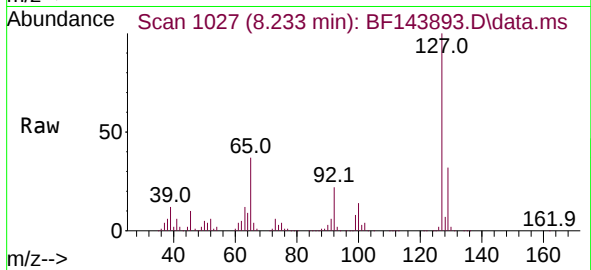
ClientSampleId :

PB170020BS

Tgt Ion:127 Resp: 254299
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 36.6 30.0 45.0
92 21.9 18.2 27.2

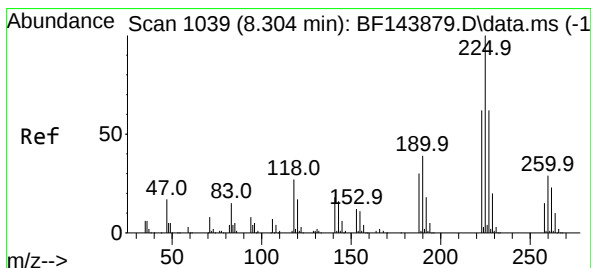
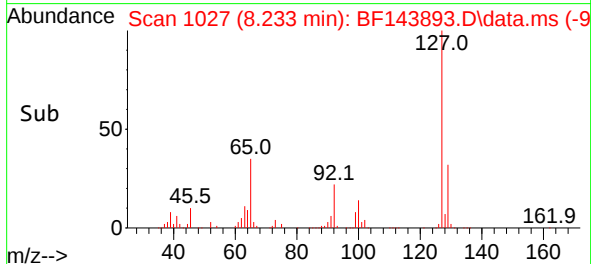
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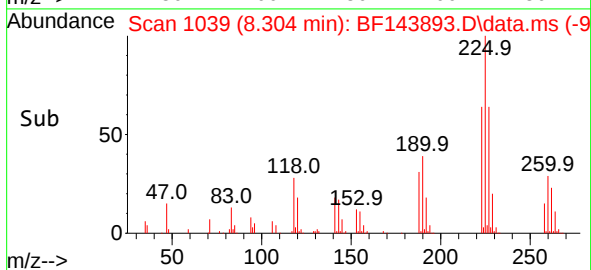
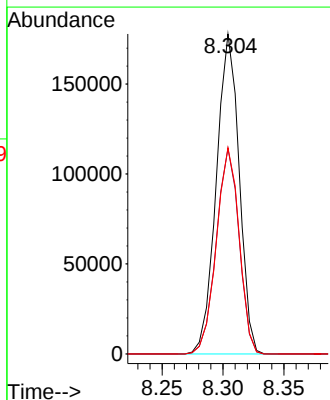
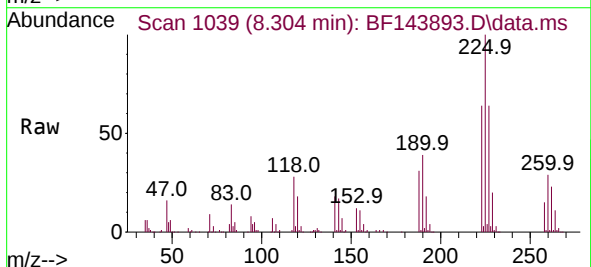
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Upadhyay

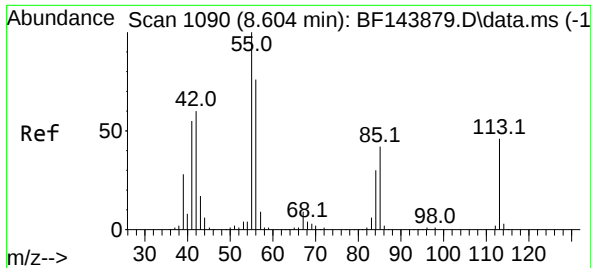
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#34
Hexachlorobutadiene
Concen: 41.868 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

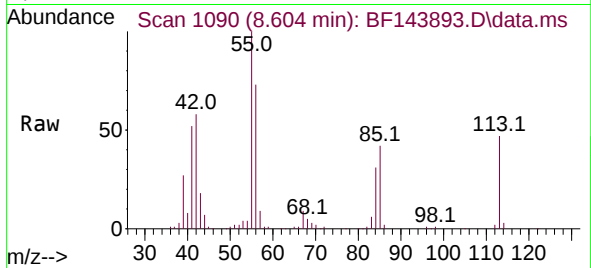
Tgt Ion:225 Resp: 232107
Ion Ratio Lower Upper
225 100
223 64.2 49.4 74.2
227 64.4 49.7 74.5





#35
Caprolactam
Concen: 48.613 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

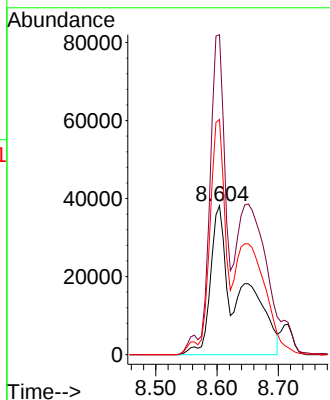
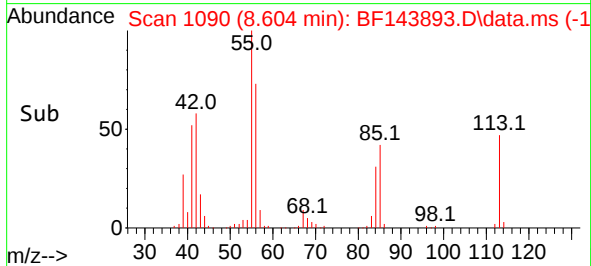
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:113 Resp: 125385
Ion Ratio Lower Upper
113 100
55 215.0 199.6 239.6
56 158.0 146.0 186.0

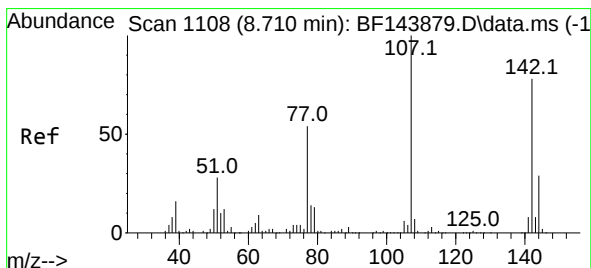
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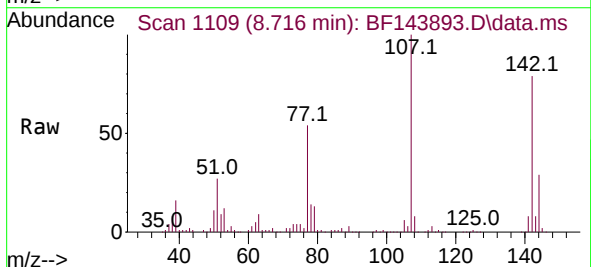


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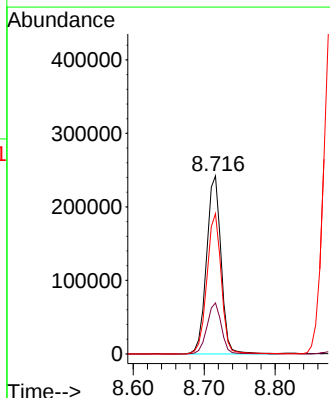
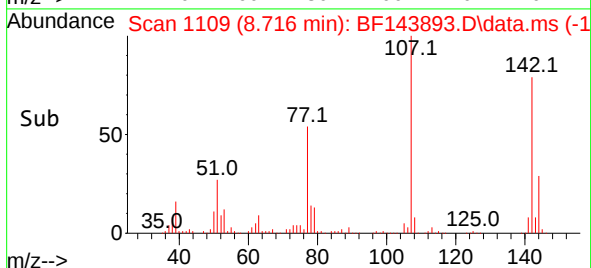
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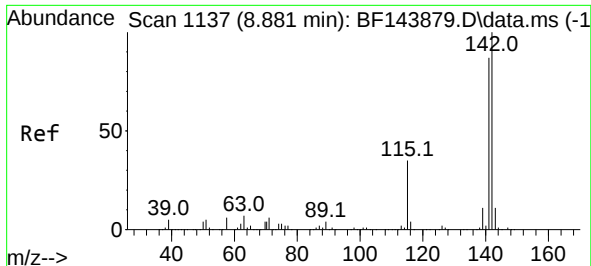


#36
4-Chloro-3-methylphenol
Concen: 44.053 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:107 Resp: 343259
Ion Ratio Lower Upper
107 100
144 28.6 23.1 34.7
142 78.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 38.849 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

PB170020BS

Tgt Ion:142 Resp: 650308

Ion Ratio Lower Upper

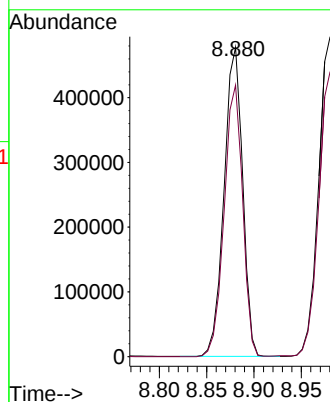
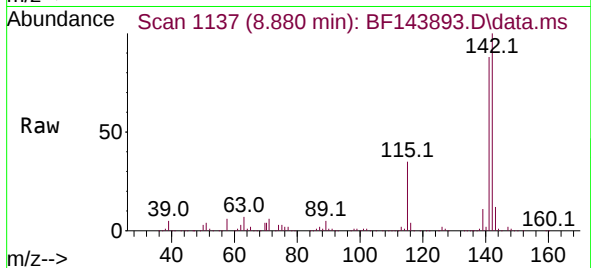
142 100

141 87.8 69.2 103.8

Manual Integrations

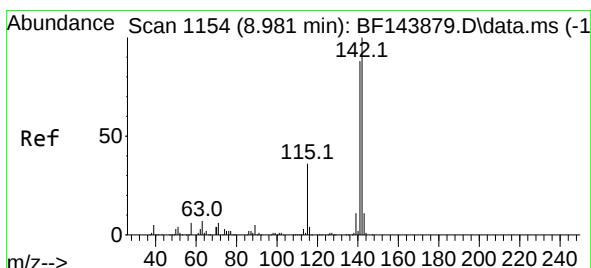
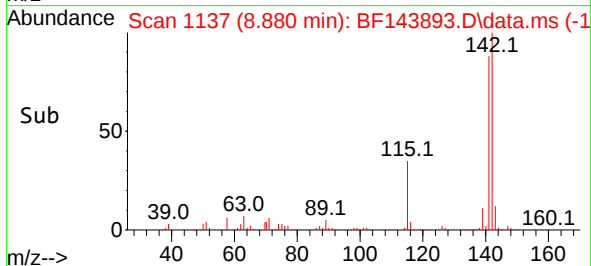
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Upadhyay

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#38

1-Methylnaphthalene

Concen: 41.394 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143893.D

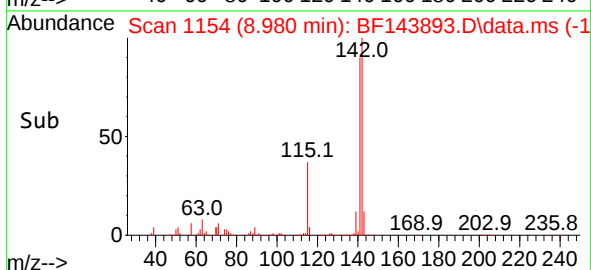
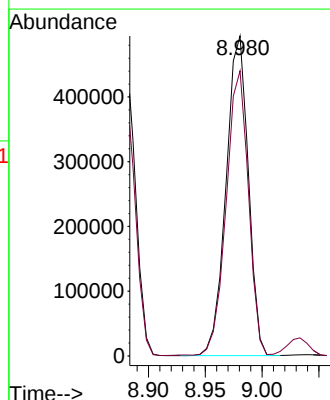
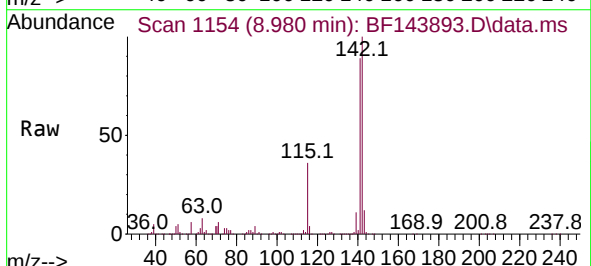
Acq: 08 Oct 2025 14:09

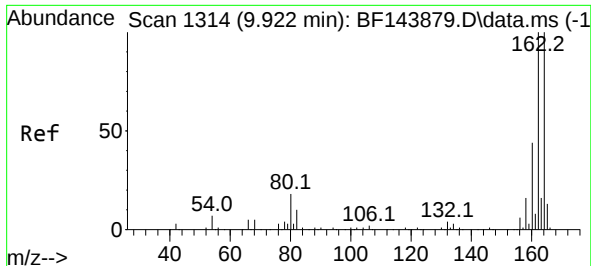
Tgt Ion:142 Resp: 672113

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2





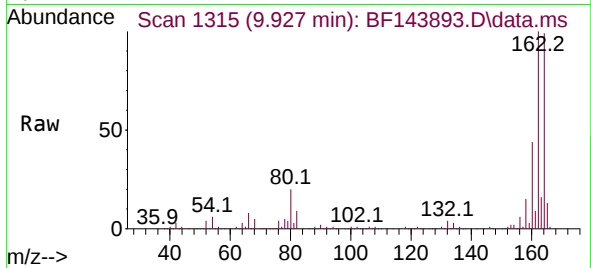
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

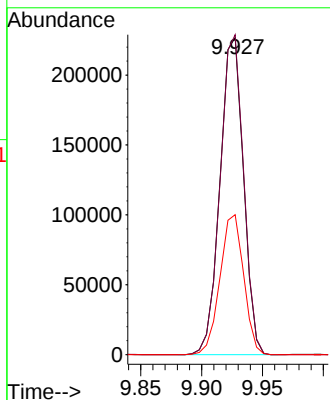
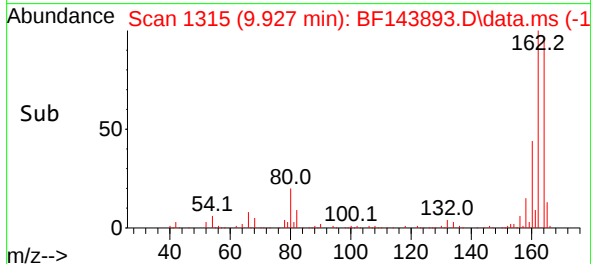
PB170020BS



Tgt Ion:164 Resp: 30444
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.1 35.4 53.0

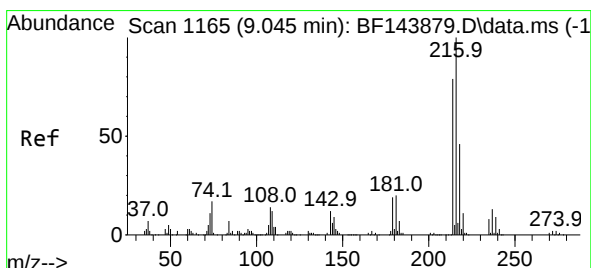
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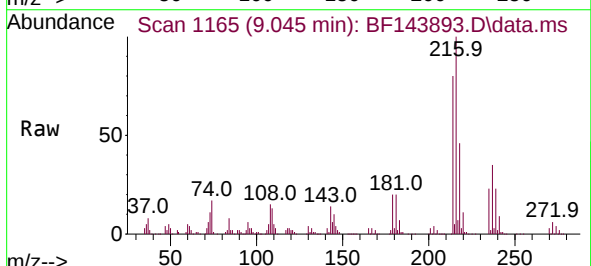


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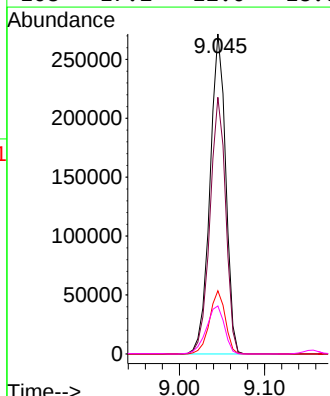
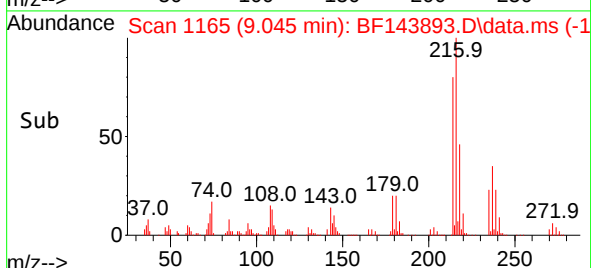
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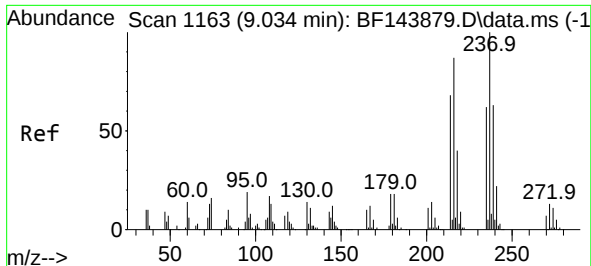


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.433 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



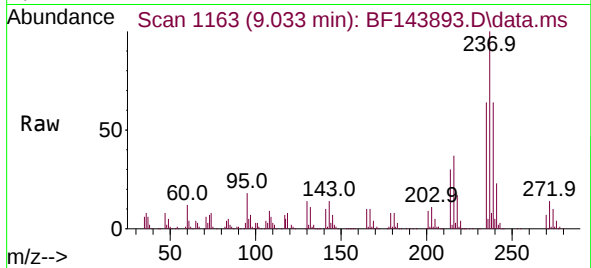
Tgt Ion:216 Resp: 348628
Ion Ratio Lower Upper
216 100
214 80.1 62.6 94.0
179 19.7 15.4 23.0
108 17.2 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 103.012 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

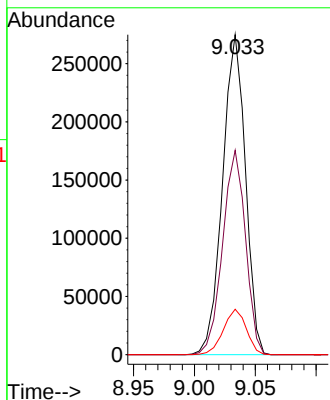
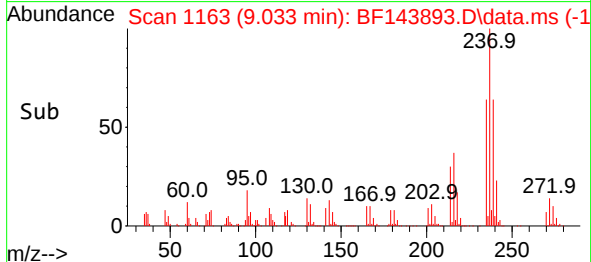
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:237 Resp: 359589
Ion Ratio Lower Upper
237 100
235 63.8 42.3 82.3
272 14.2 0.0 33.1

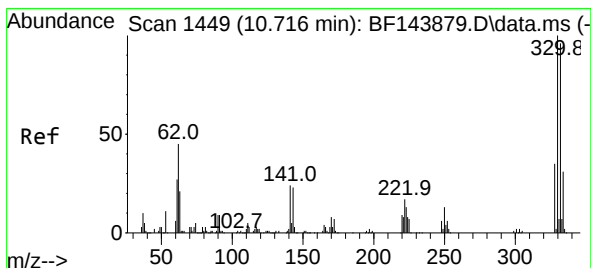
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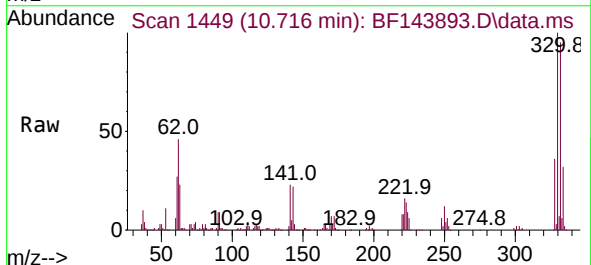


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Upadhyay

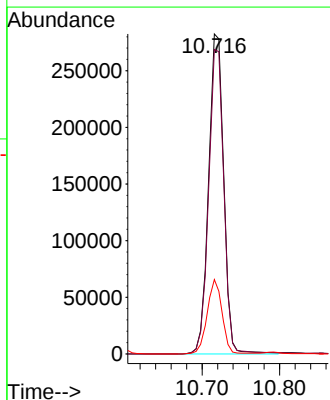
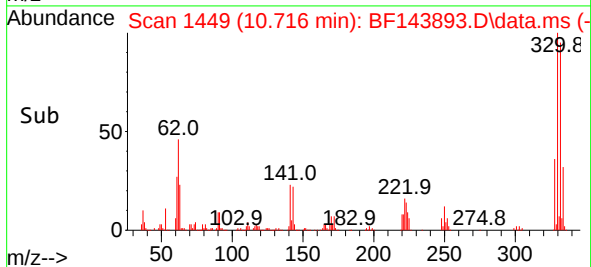
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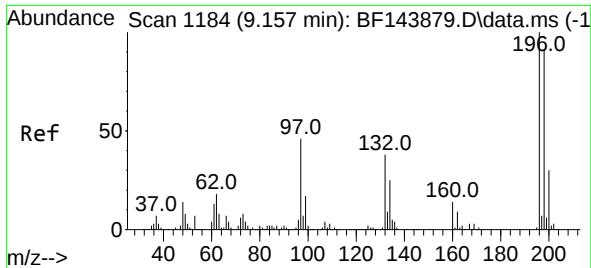


#42
2,4,6-Tribromophenol
Concen: 126.551 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:330 Resp: 383741
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 22.9 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 43.198 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

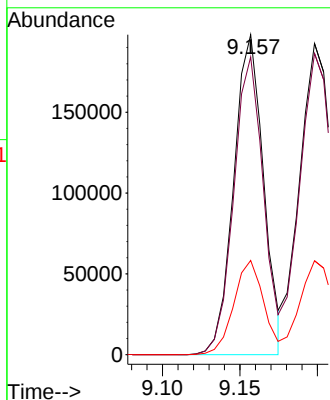
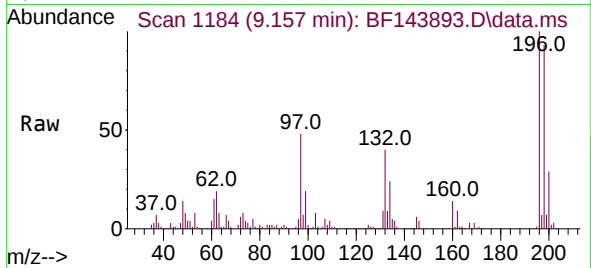
ClientSampleId :

PB170020BS

Tgt Ion:196 Resp: 265583
Ion Ratio Lower Upper
196 100
198 93.0 72.8 109.2
200 29.4 24.0 36.0

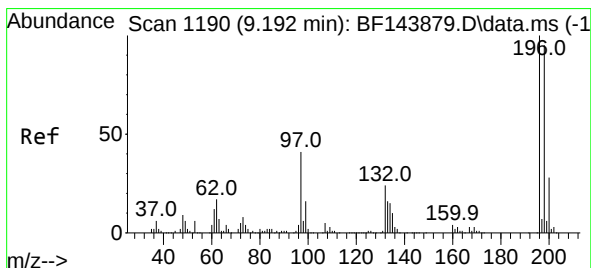
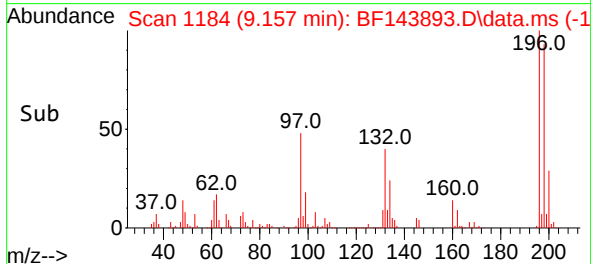
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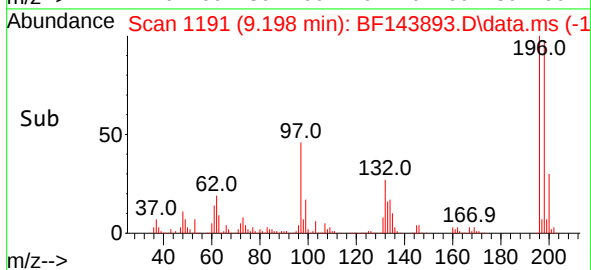
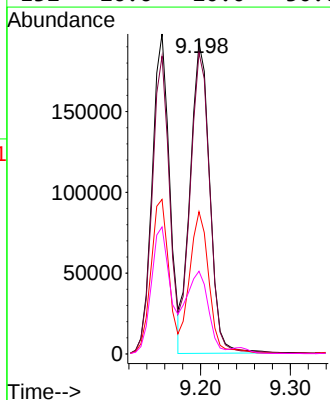
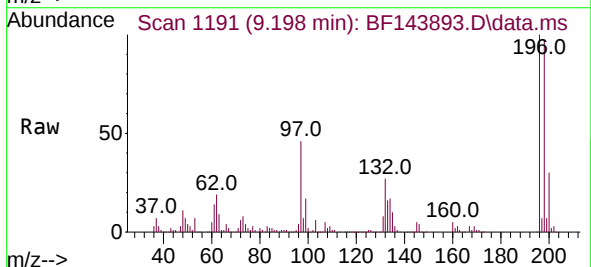
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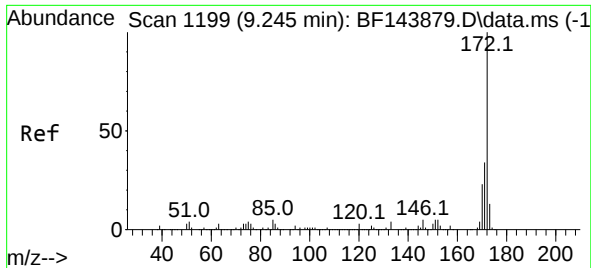
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#44
2,4,5-Trichlorophenol
Concen: 44.712 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

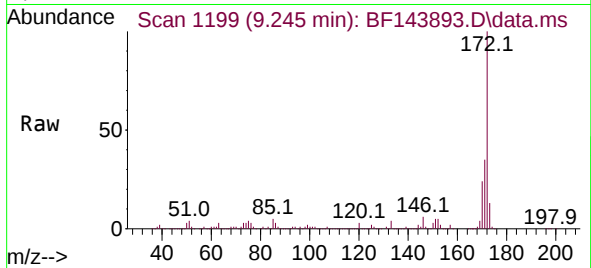
Tgt Ion:196 Resp: 290493
Ion Ratio Lower Upper
196 100
198 96.8 75.5 113.3
97 45.7 33.9 50.9
132 26.6 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 75.964 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

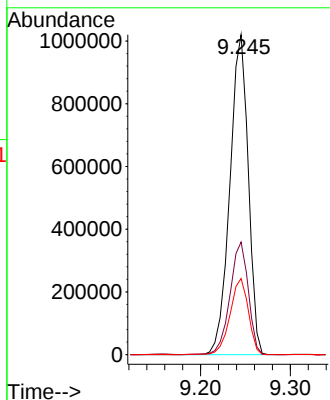
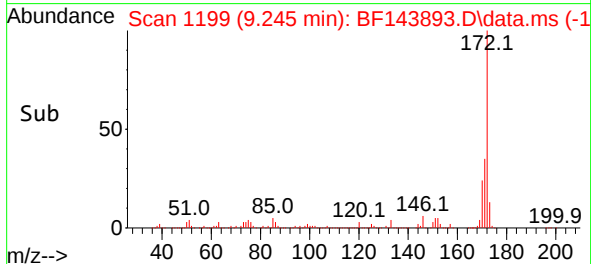
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:172 Resp: 145748
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.8 18.6 28.0

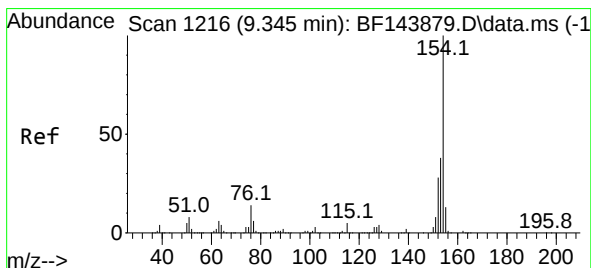
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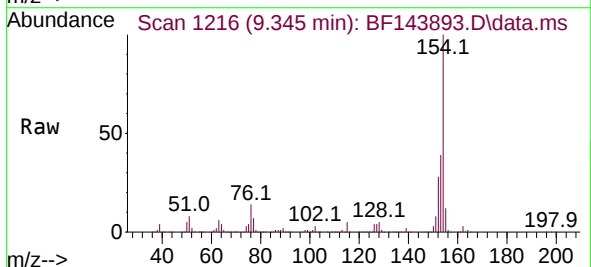


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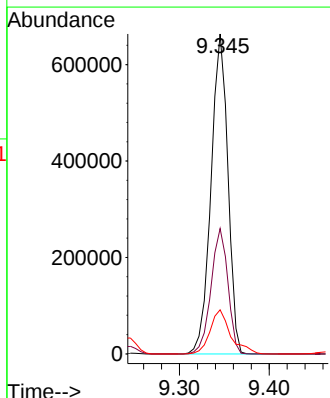
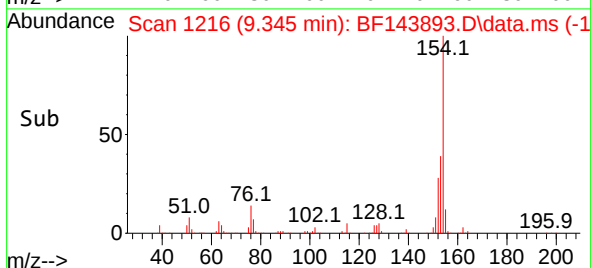
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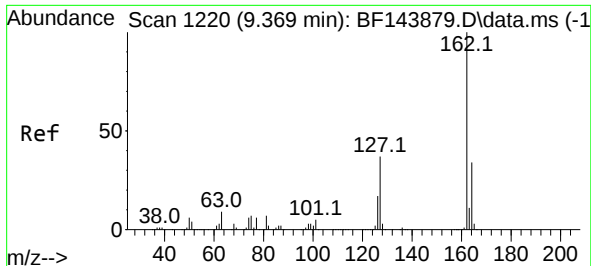


#46
1,1'-Biphenyl
Concen: 42.938 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:154 Resp: 865497
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.331 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

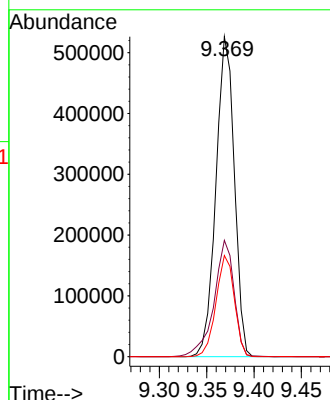
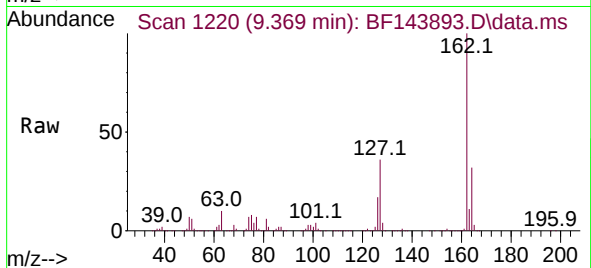
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Tgt Ion:162 Resp: 711402

Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.2	45.2
164	31.6	26.9	40.3

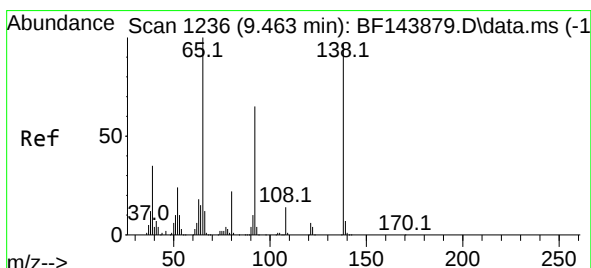
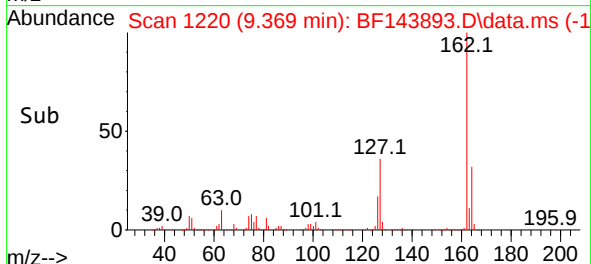
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#48

2-Nitroaniline

Concen: 48.292 ng

RT: 9.463 min Scan# 1236

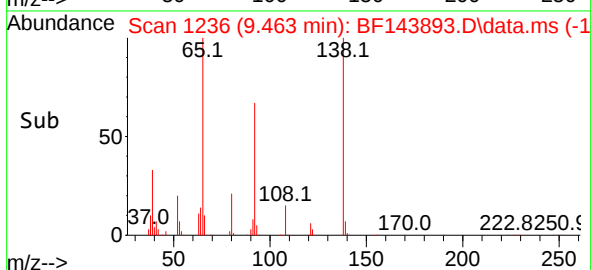
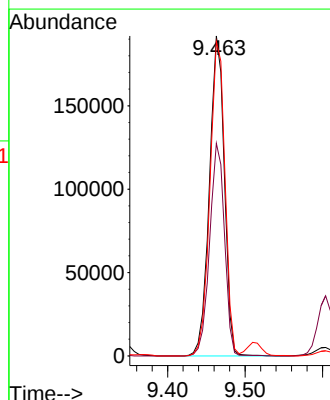
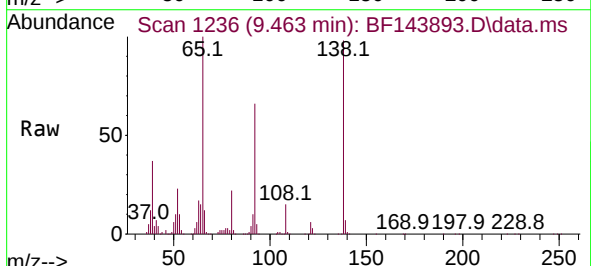
Delta R.T. -0.006 min

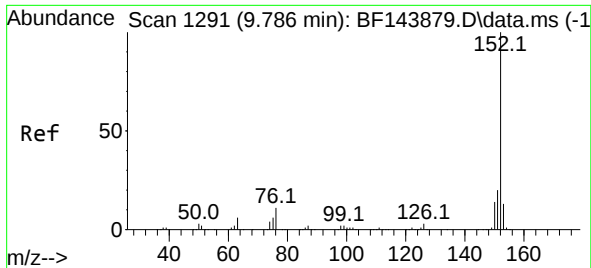
Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Tgt Ion: 65 Resp: 256587

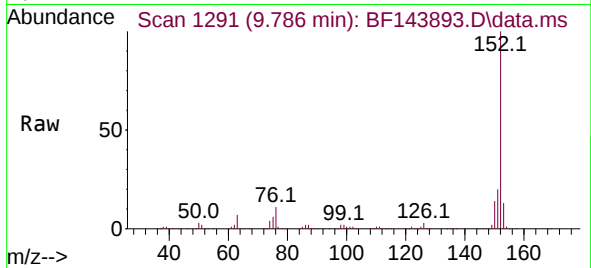
Ion	Ratio	Lower	Upper
65	100		
92	66.4	52.1	78.1
138	98.3	77.4	116.2





#49
Acenaphthylene
Concen: 47.529 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

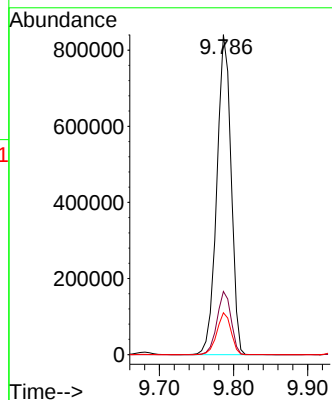
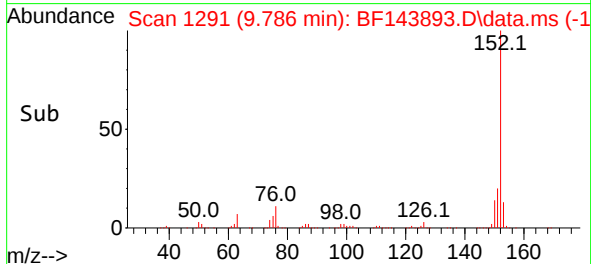
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:152 Resp: 1122955
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.5 15.7

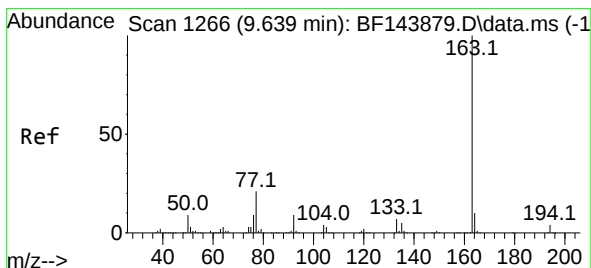
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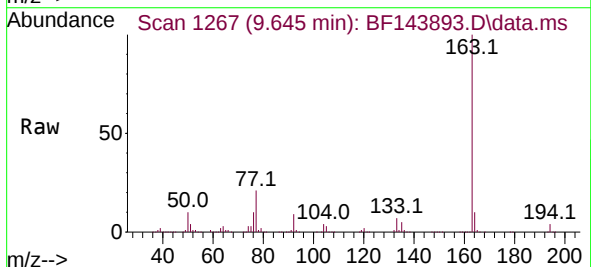


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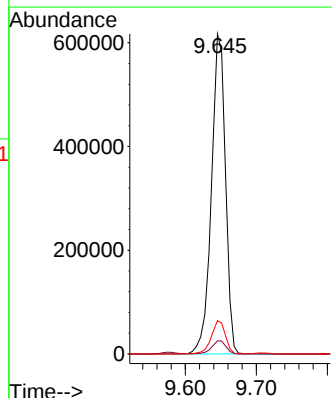
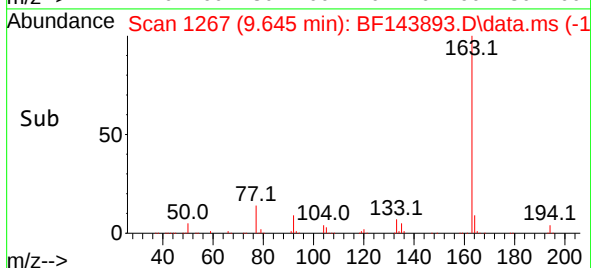
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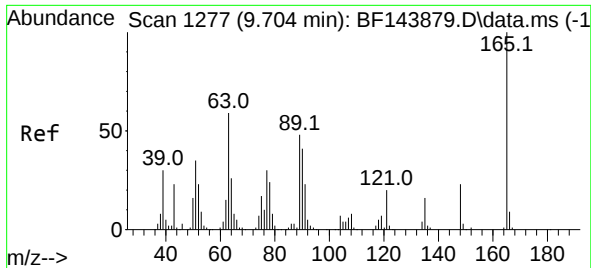


#50
Dimethylphthalate
Concen: 43.773 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



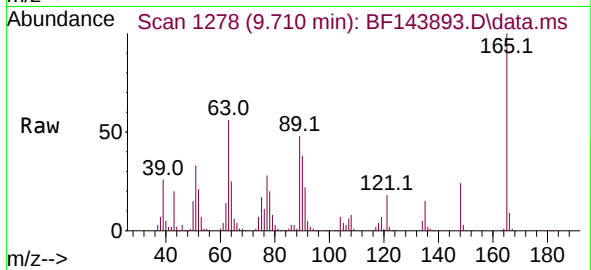
Tgt Ion:163 Resp: 846276
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.581 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

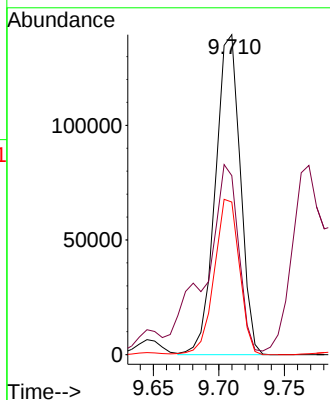
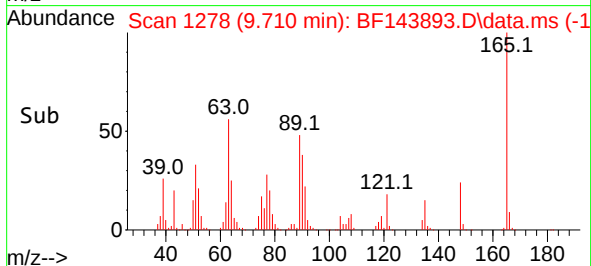
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:165 Resp: 184918
Ion Ratio Lower Upper
165 100
63 55.9 47.3 70.9
89 47.7 38.2 57.4

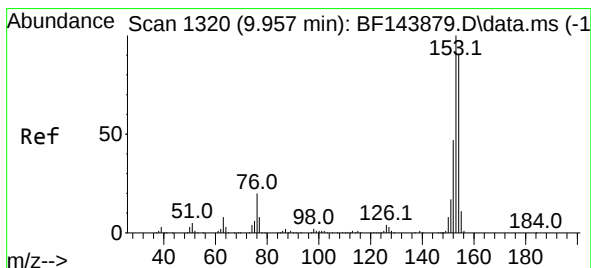
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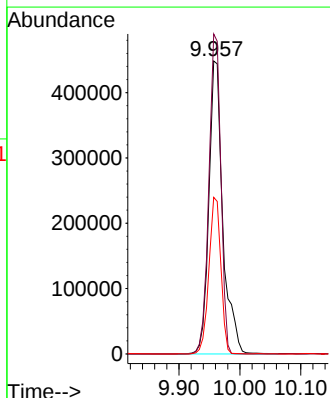
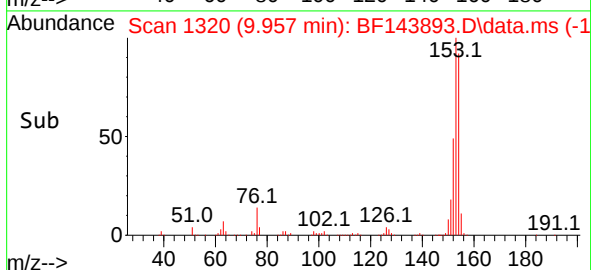
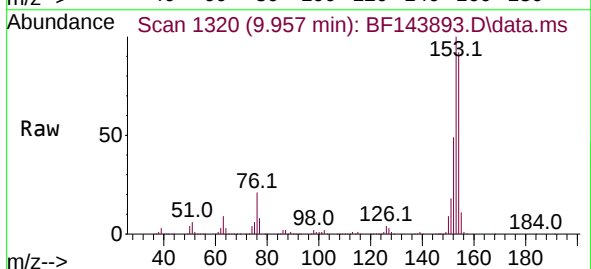
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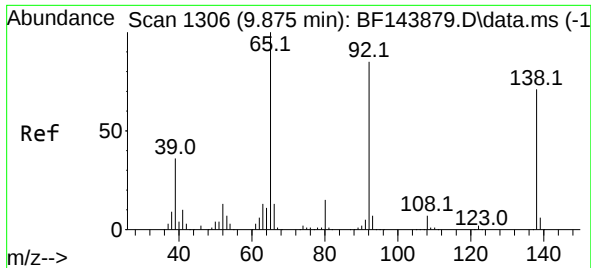
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#52
Acenaphthene
Concen: 46.144 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:154 Resp: 714385
Ion Ratio Lower Upper
154 100
153 109.3 89.3 133.9
152 53.4 42.2 63.2





#53
3-Nitroaniline
Concen: 35.533 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

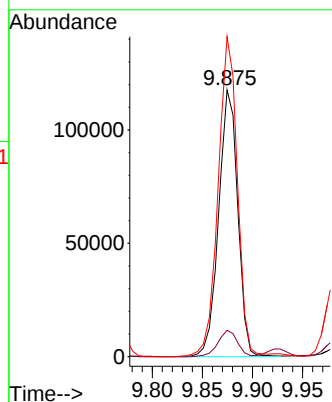
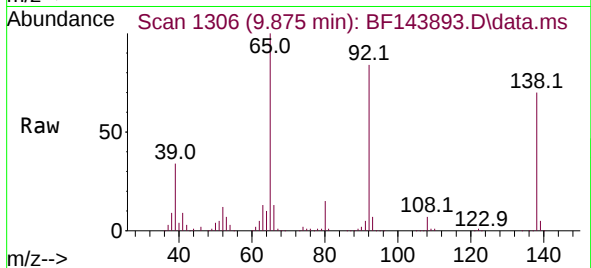
ClientSampleId :

PB170020BS

Tgt Ion:138 Resp: 155979
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 120.0 96.2 144.2

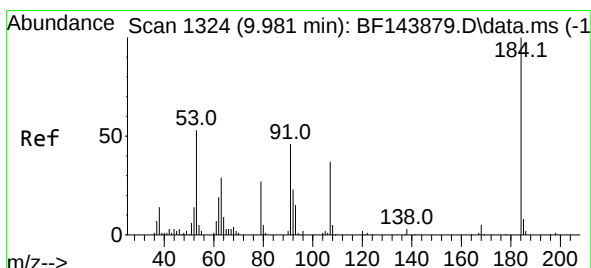
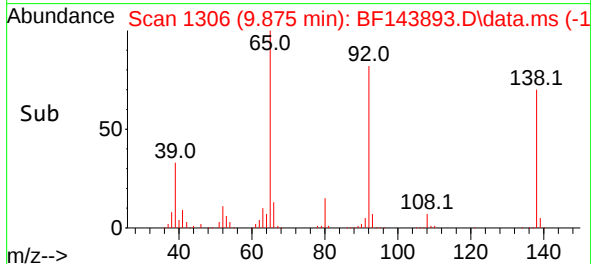
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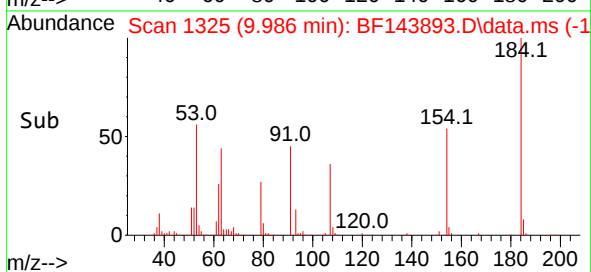
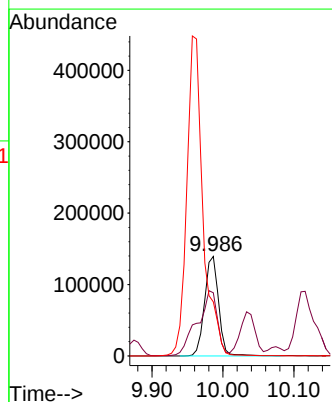
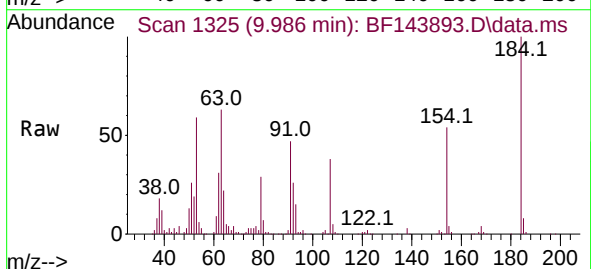
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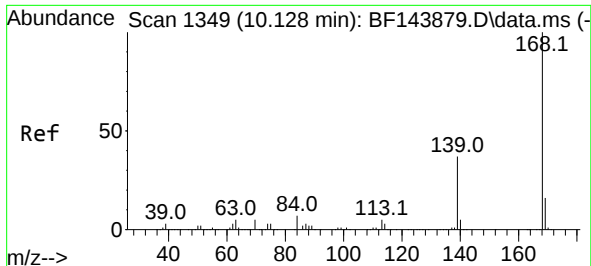
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#54
2,4-Dinitrophenol
Concen: 85.238 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:184 Resp: 189592
Ion Ratio Lower Upper
184 100
63 63.4 48.2 72.4
154 54.3 49.2 73.8





#55

Dibenzofuran

Concen: 42.570 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

PB170020BS

Tgt Ion:168 Resp: 930326

Ion Ratio Lower Upper

168 100

139 36.9 29.8 44.8

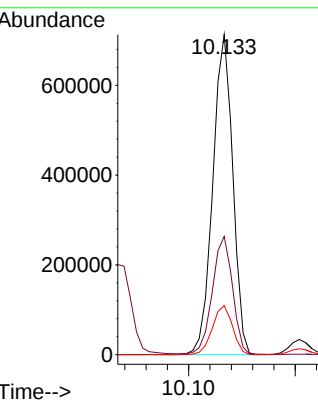
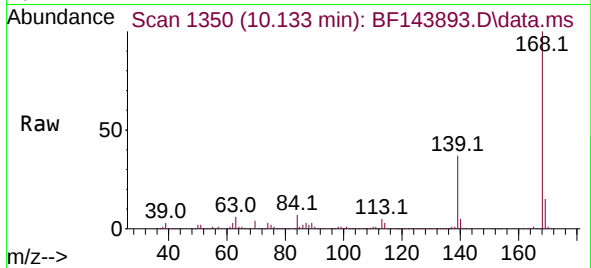
169 15.3 12.8 19.2

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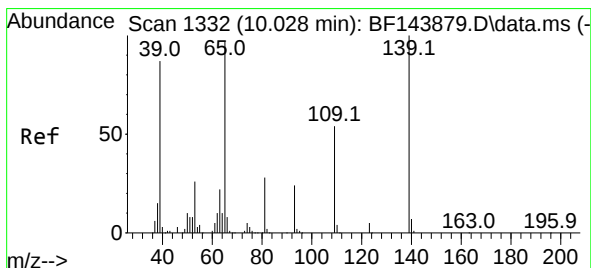
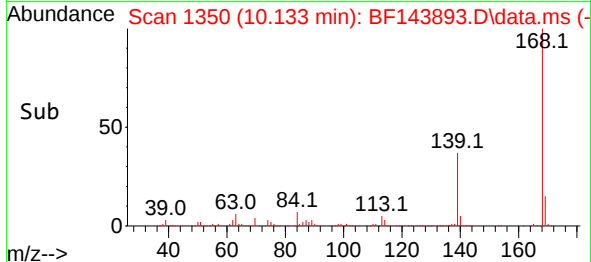


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#56

4-Nitrophenol

Concen: 92.318 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

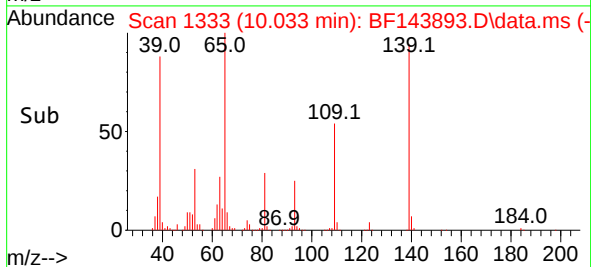
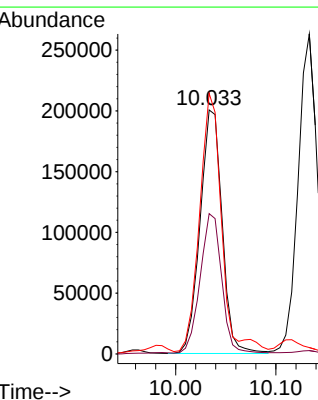
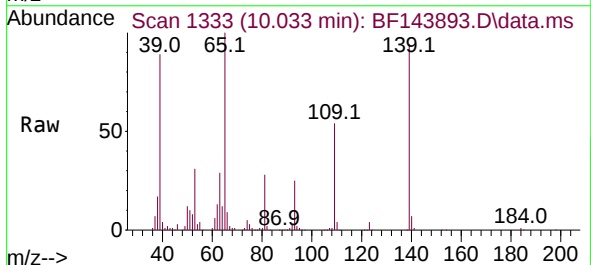
Tgt Ion:139 Resp: 306835

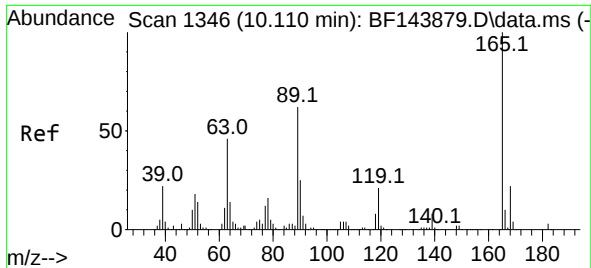
Ion Ratio Lower Upper

139 100

109 57.5 34.5 74.5

65 106.8 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 50.053 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

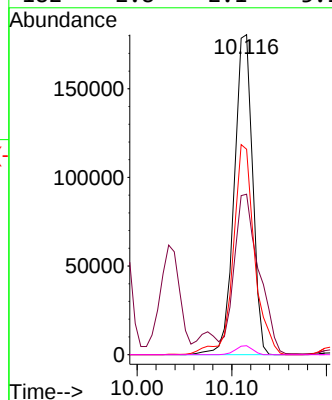
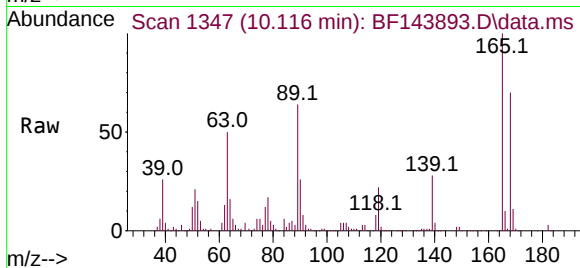
ClientSampleId :

PB170020BS

Tgt Ion:165 Resp: 244150
Ion Ratio Lower Upper
165 100
63 50.1 37.2 55.8
89 64.2 49.4 74.2
182 2.8 2.1 3.1

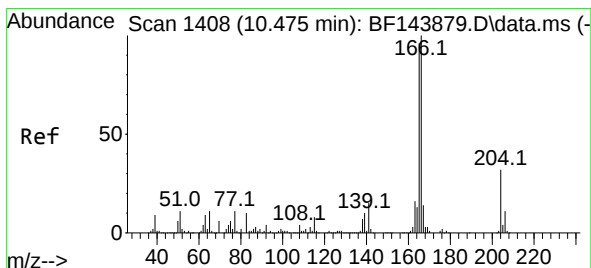
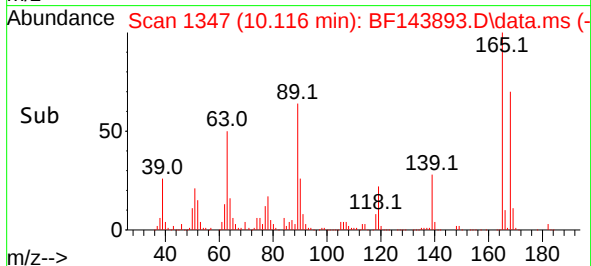
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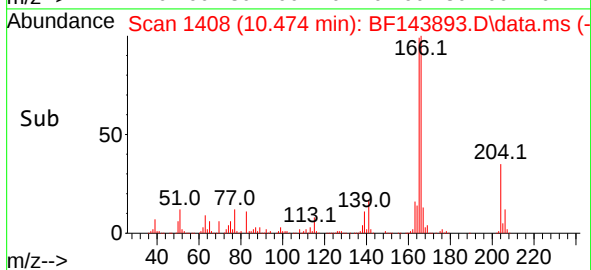
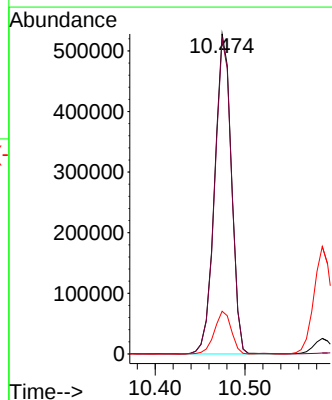
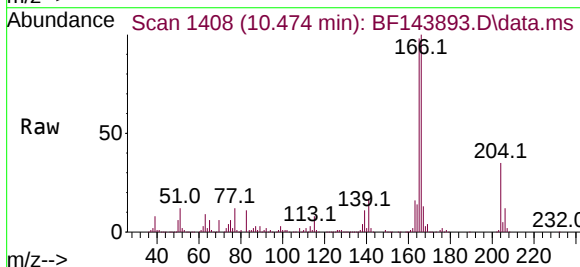
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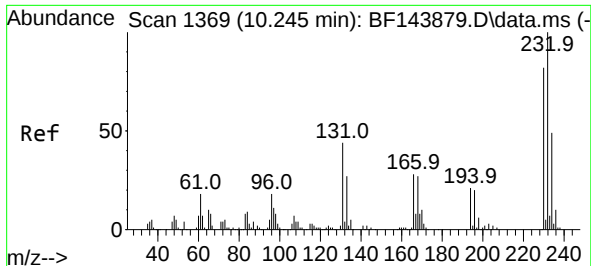
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#58
Fluorene
Concen: 41.885 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Tgt Ion:166 Resp: 690695
Ion Ratio Lower Upper
166 100
165 98.5 77.0 115.6
167 13.3 11.1 16.7





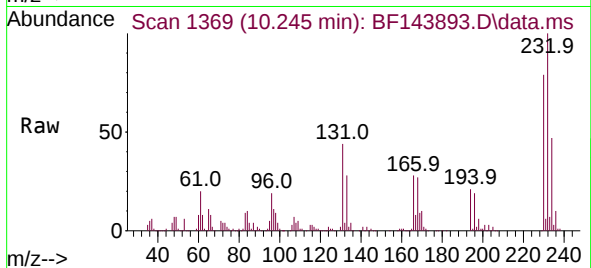
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.809 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

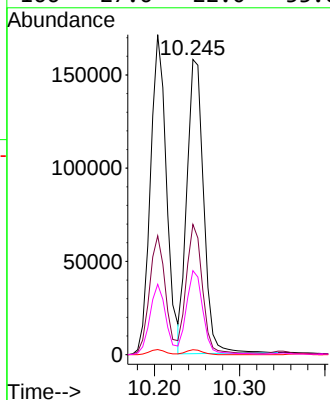
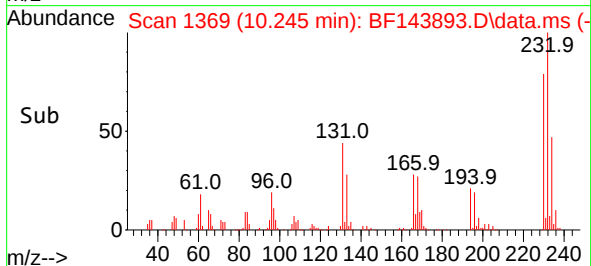
PB170020BS



Tgt Ion:232 Resp: 215280
Ion Ratio Lower Upper
232 100
131 43.2 34.9 52.3
130 1.6 1.6 2.4
166 27.6 22.0 33.0

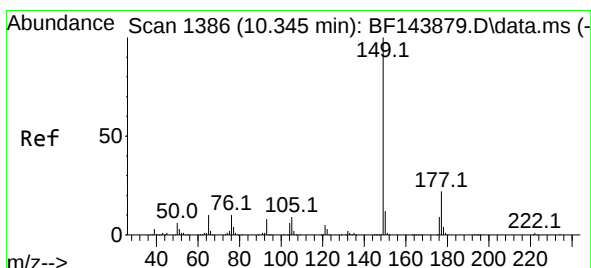
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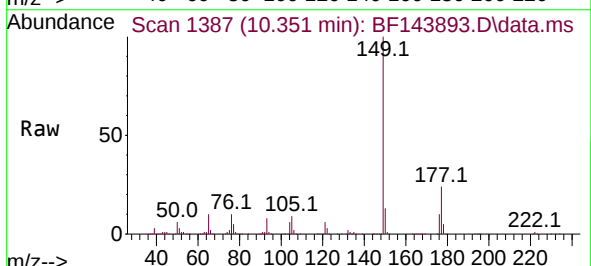


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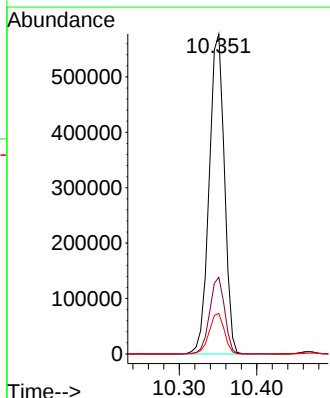
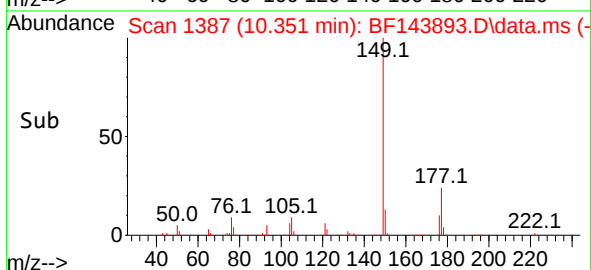
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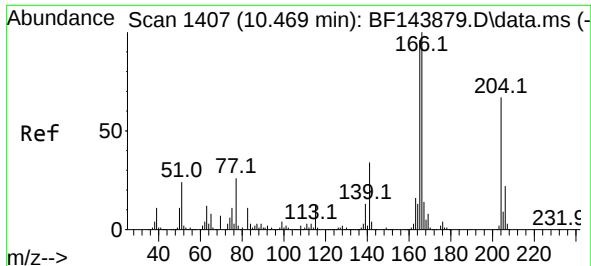


#60
Diethylphthalate
Concen: 43.790 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



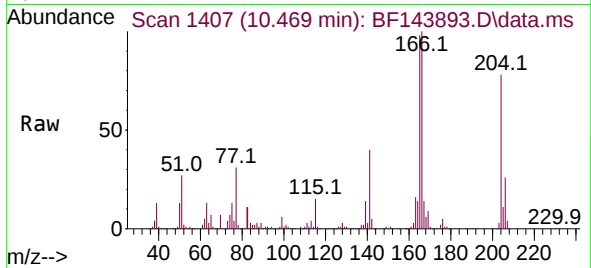
Tgt Ion:149 Resp: 786500
Ion Ratio Lower Upper
149 100
177 23.9 17.9 26.9
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.094 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

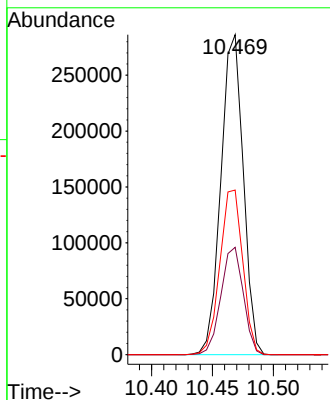
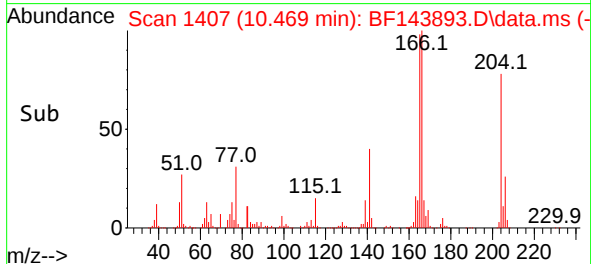
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:204 Resp: 366988
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 51.4 40.4 60.6

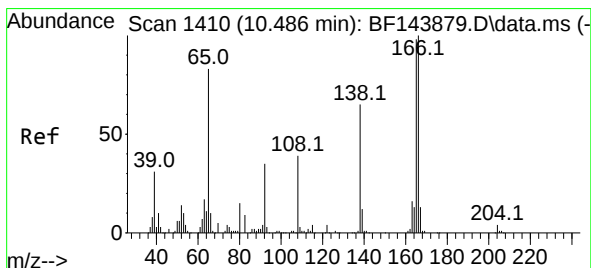
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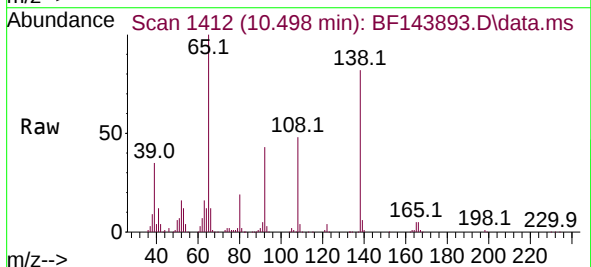


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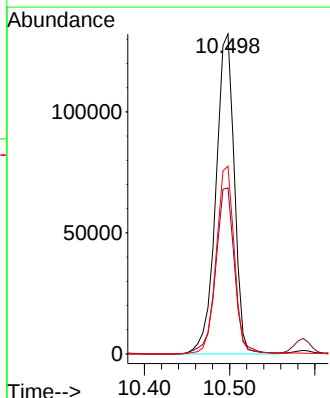
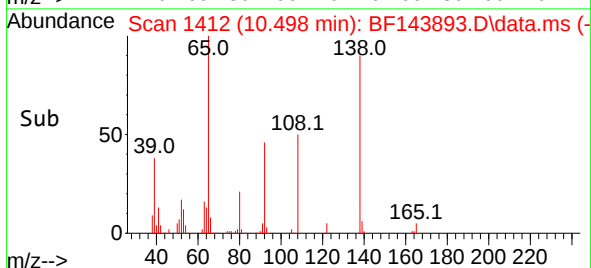
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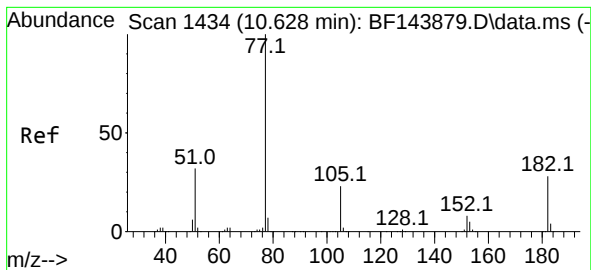


#62
4-Nitroaniline
Concen: 47.094 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:138 Resp: 198794
Ion Ratio Lower Upper
138 100
92 51.9 33.9 73.9
108 58.7 40.2 80.2





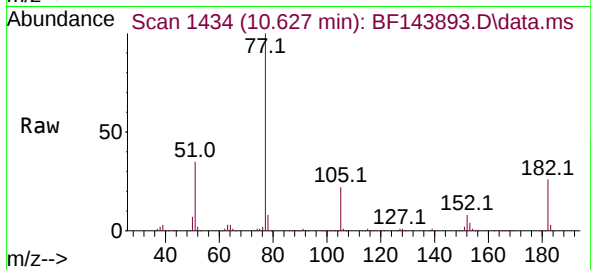
#63
Azobenzene
Concen: 44.343 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

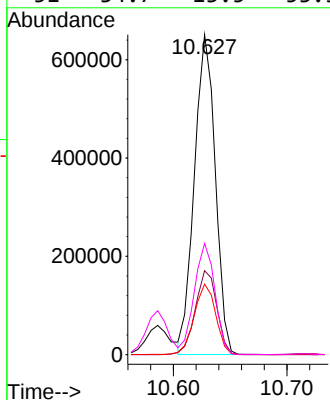
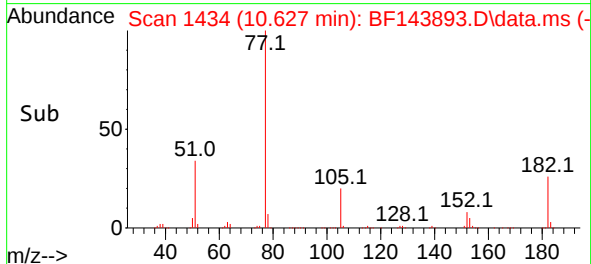
PB170020BS



Tgt Ion: 77 Resp: 832392
Ion Ratio Lower Upper
77 100
182 26.2 7.3 47.3
105 22.0 3.0 43.0
51 34.7 13.5 53.5

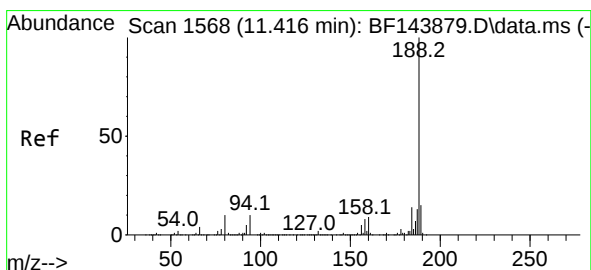
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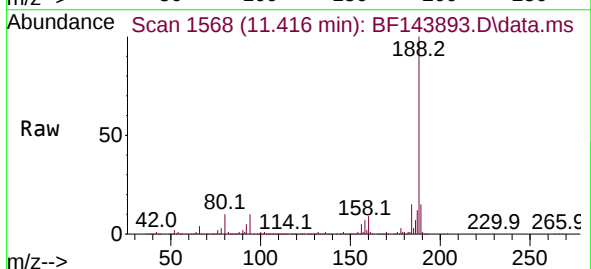


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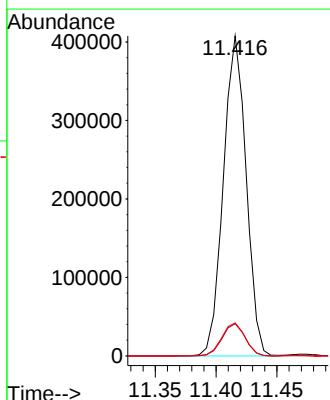
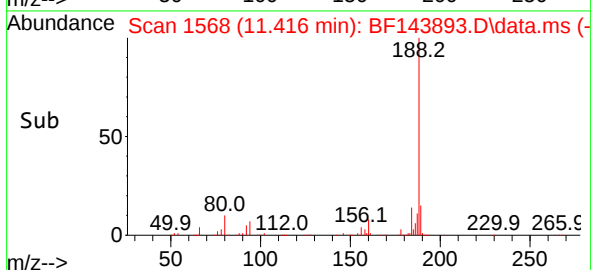
10/09/2025

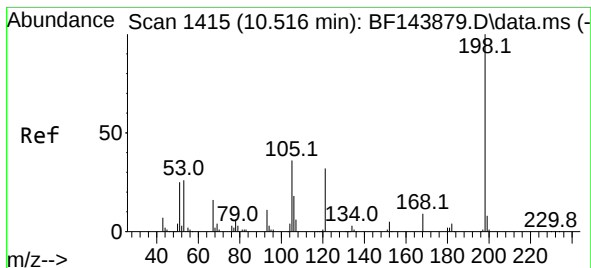


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



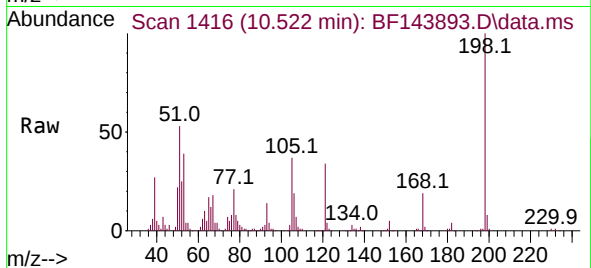
Tgt Ion:188 Resp: 530990
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 50.887 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

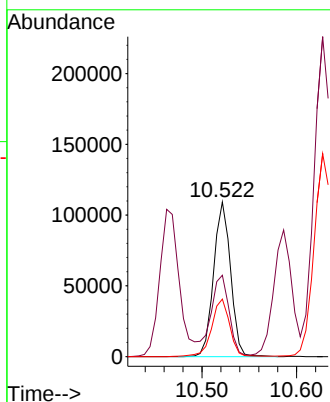
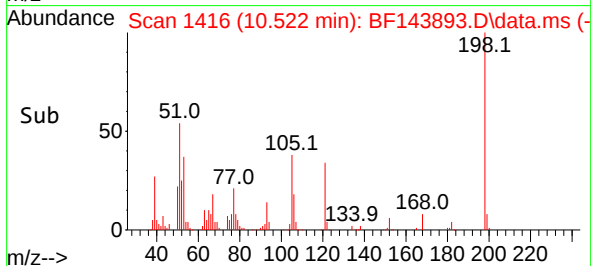
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:198 Resp: 135784
Ion Ratio Lower Upper
198 100
51 52.6 33.8 73.8
105 37.2 17.0 57.0

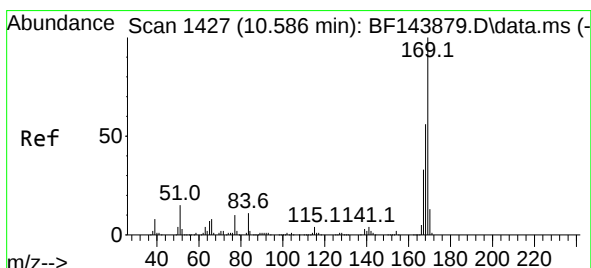
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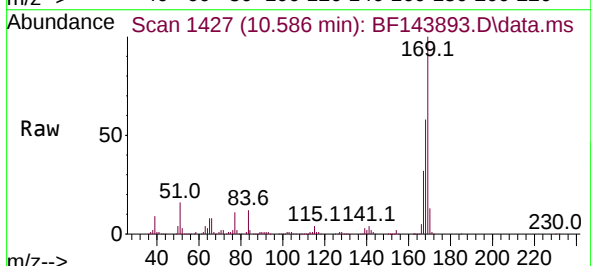


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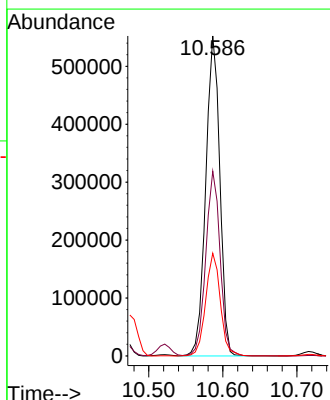
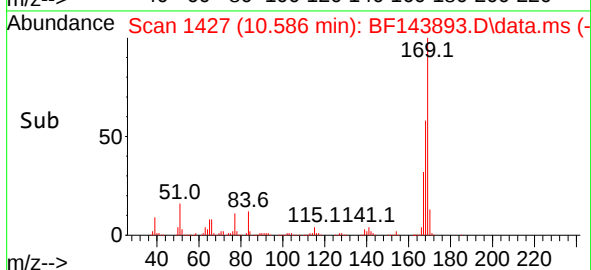
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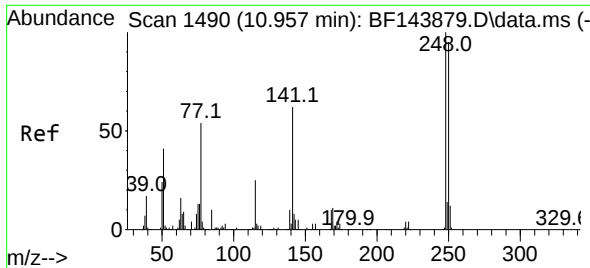


#66
n-Nitrosodiphenylamine
Concen: 43.628 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



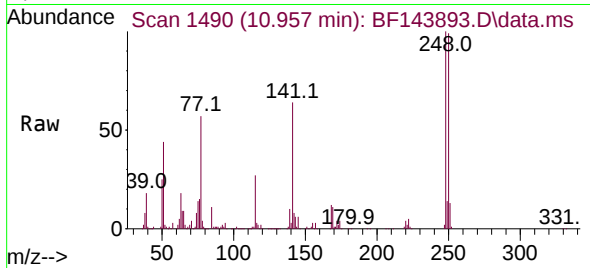
Tgt Ion:169 Resp: 727400
Ion Ratio Lower Upper
169 100
168 57.7 44.9 67.3
167 32.1 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 41.906 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

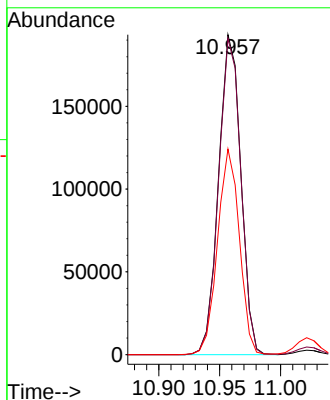
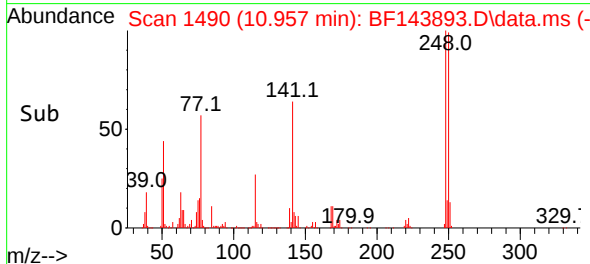
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:248 Resp: 245913
Ion Ratio Lower Upper
248 100
250 98.8 76.3 114.5
141 64.3 49.7 74.5

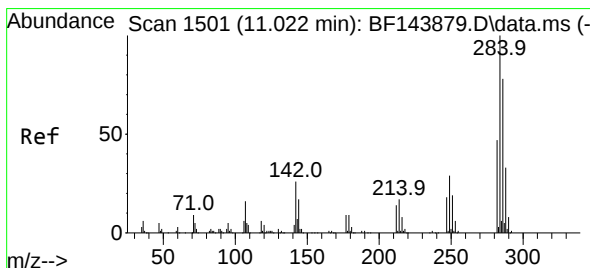
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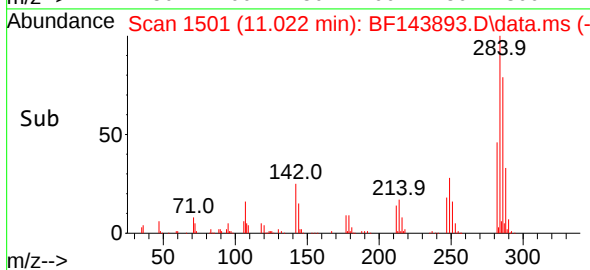
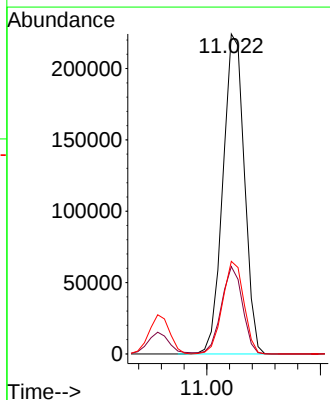
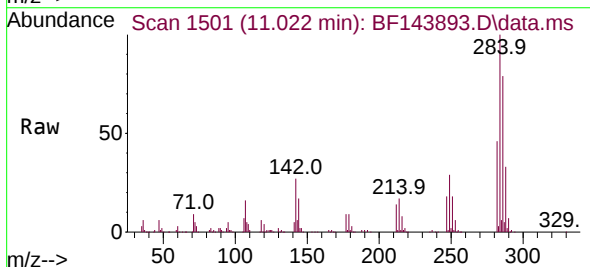
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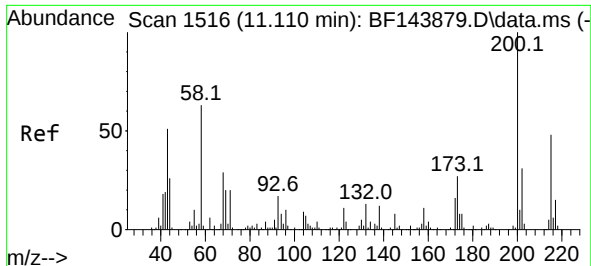
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#68
Hexachlorobenzene
Concen: 43.214 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

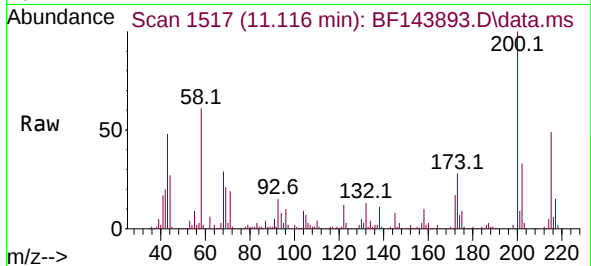
Tgt Ion:284 Resp: 293587
Ion Ratio Lower Upper
284 100
142 27.3 20.6 30.8
249 28.9 23.2 34.8





#69
Atrazine
Concen: 42.930 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

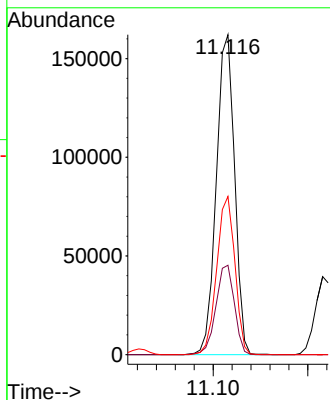
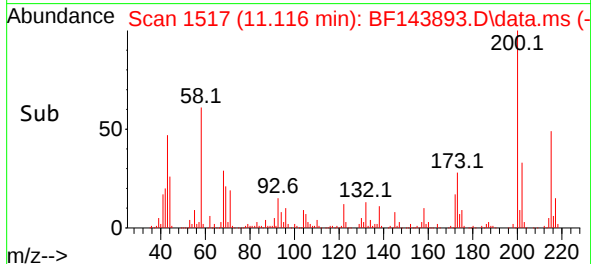
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:200 Resp: 216942
Ion Ratio Lower Upper
200 100
173 27.9 7.0 47.0
215 49.4 27.8 67.8

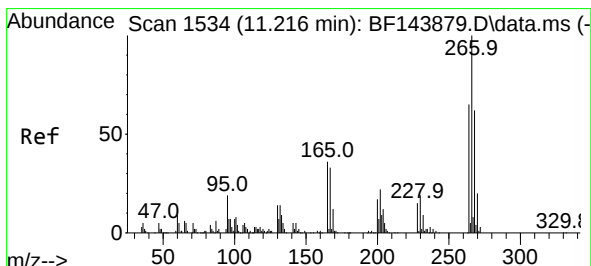
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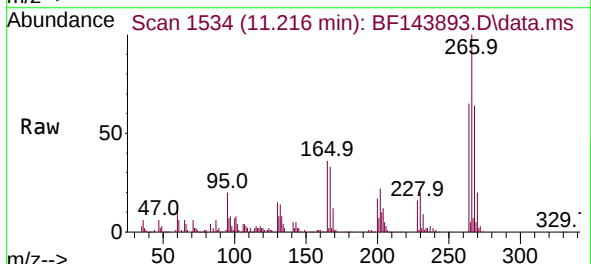


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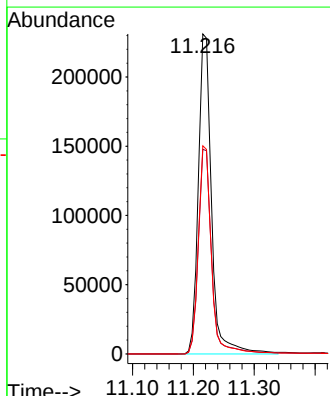
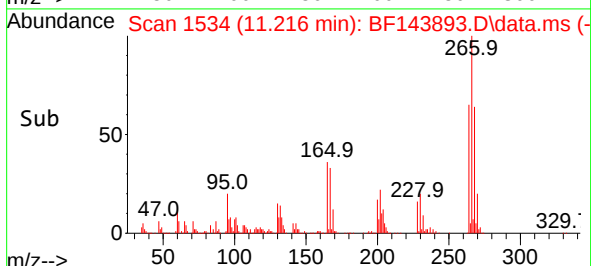
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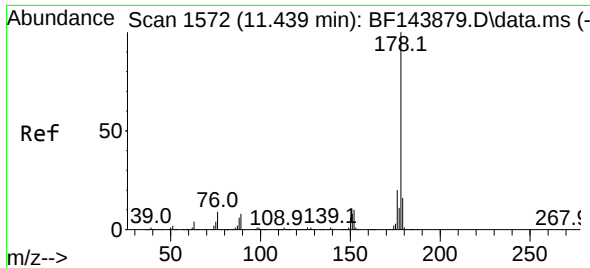


#70
Pentachlorophenol
Concen: 89.041 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:266 Resp: 347423
Ion Ratio Lower Upper
266 100
268 63.9 49.4 74.0
264 65.0 51.8 77.6





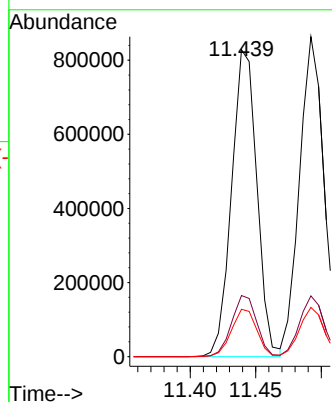
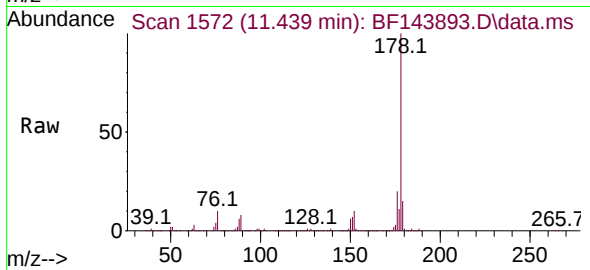
#71
Phenanthrene
Concen: 43.199 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :
BNA_F
ClientSampleId :
PB170020BS

Tgt Ion:178 Resp: 1112043
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.4 12.4 18.6

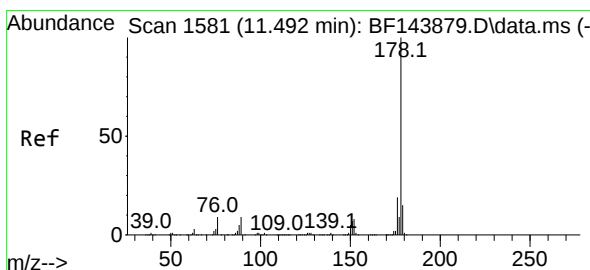
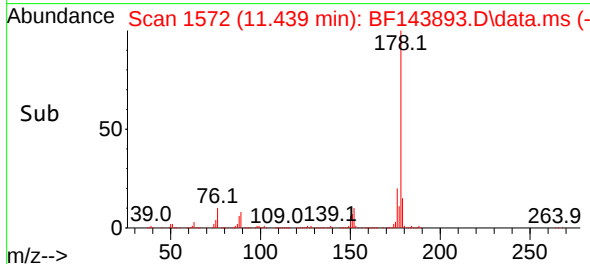
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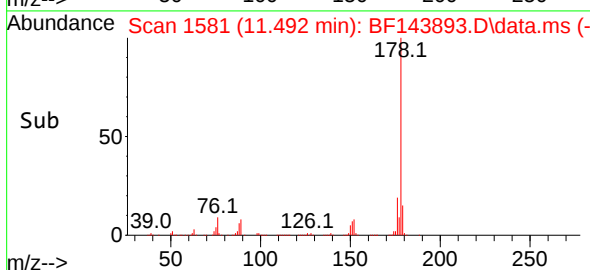
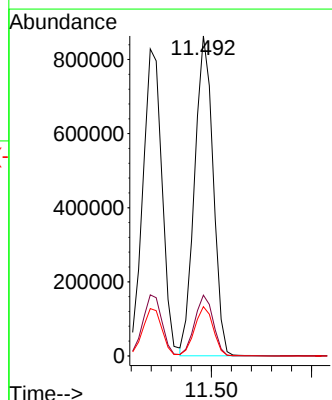
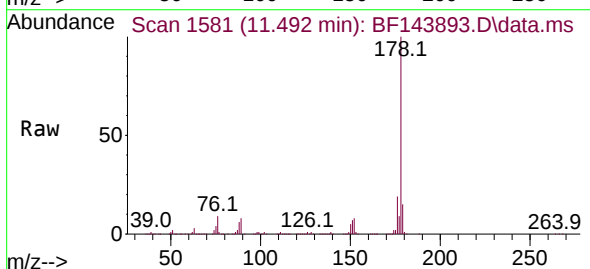
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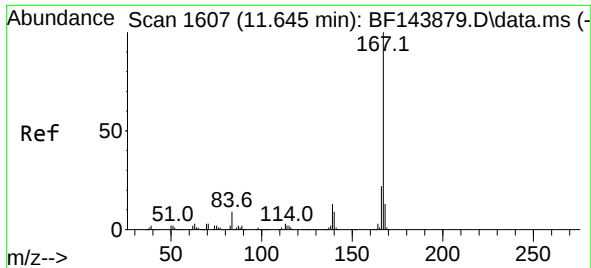
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#72
Anthracene
Concen: 42.529 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

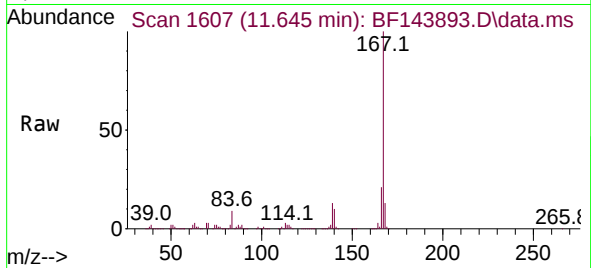
Tgt Ion:178 Resp: 1106009
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 43.557 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143893.D
 Acq: 08 Oct 2025 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB170020BS

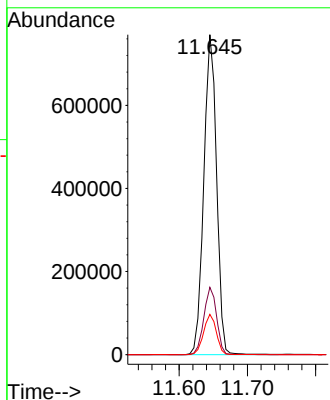
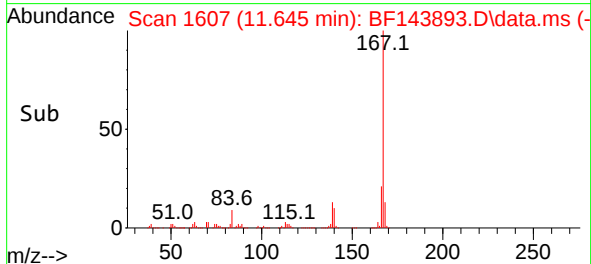


Tgt Ion:167 Resp: 1003240

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.6	10.1	15.1

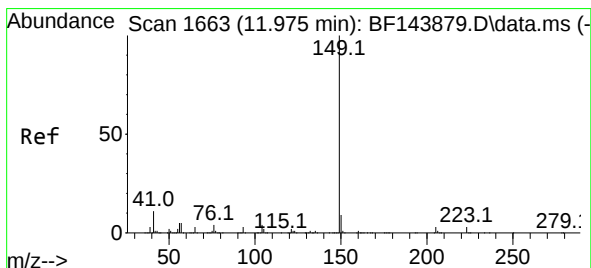
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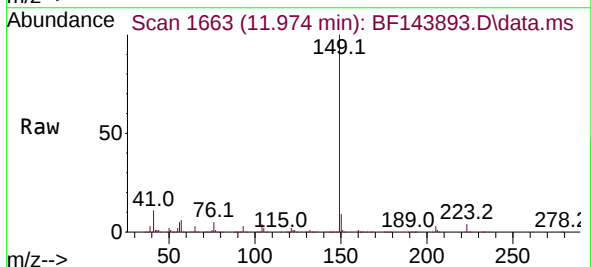


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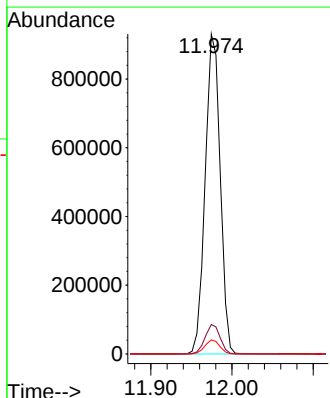
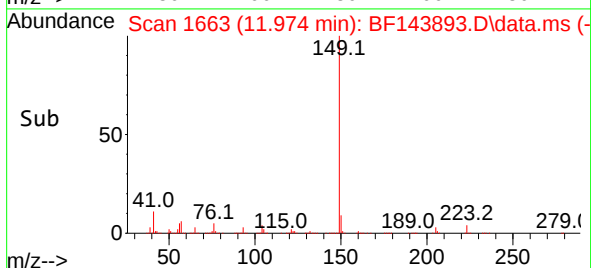


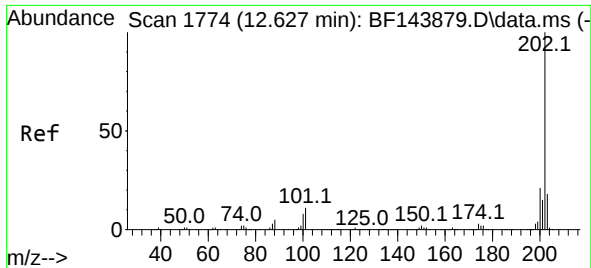
#74
 Di-n-butylphthalate
 Concen: 44.919 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143893.D
 Acq: 08 Oct 2025 14:09



Tgt Ion:149 Resp: 1199086

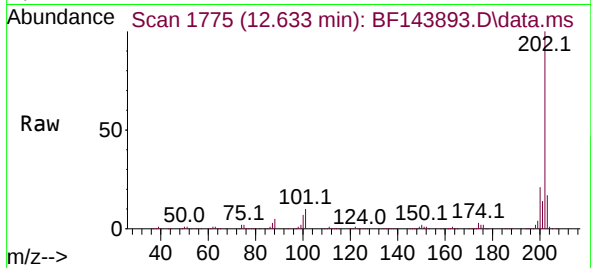
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.4	3.4	5.2





#75
Fluoranthene
Concen: 45.102 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

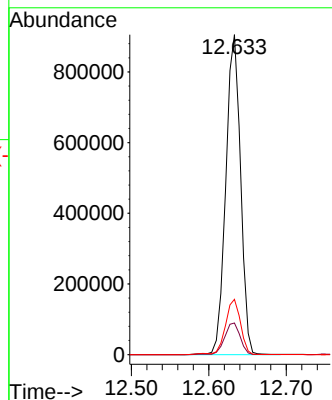
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:202 Resp: 119927
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.3 0.0 37.8

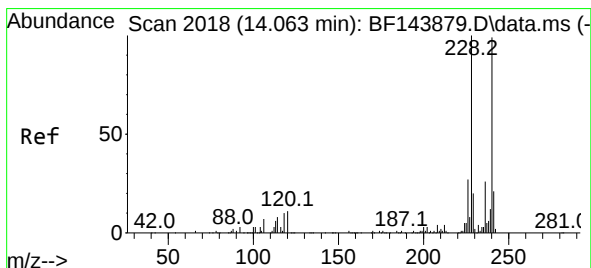
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APPROVED

Reviewed By :Rahul
Chavli



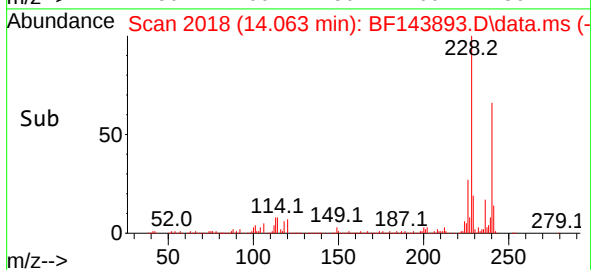
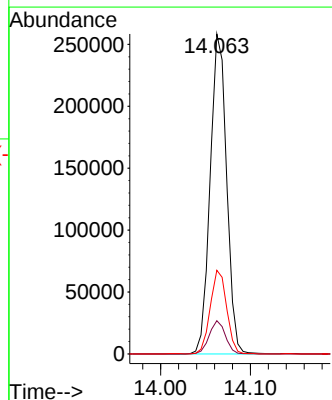
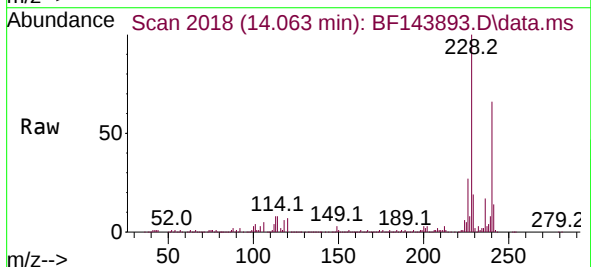
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Supervised By :Jagrut
Upadhyay

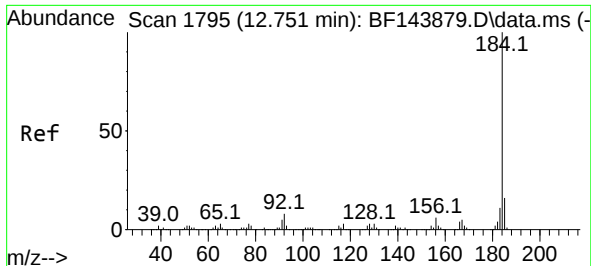
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

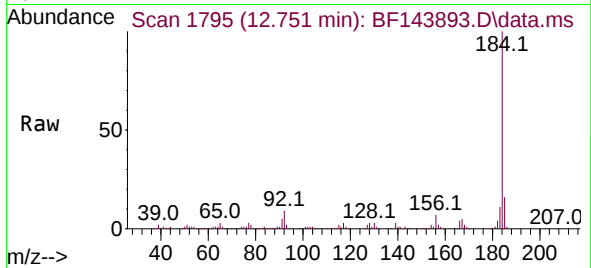
Tgt Ion:240 Resp: 331142
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 26.1 21.1 31.7





#77
Benzidine
Concen: 23.687 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

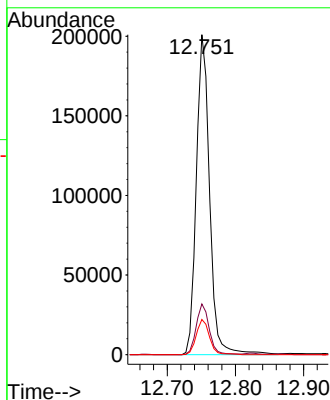
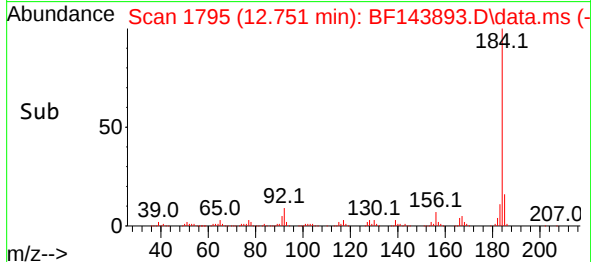
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:184 Resp: 272359
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 11.0 8.8 13.2

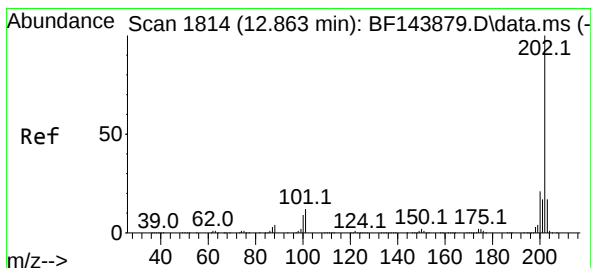
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

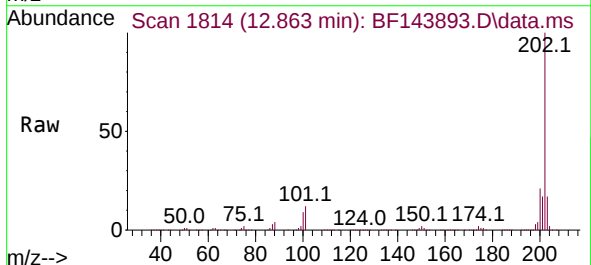


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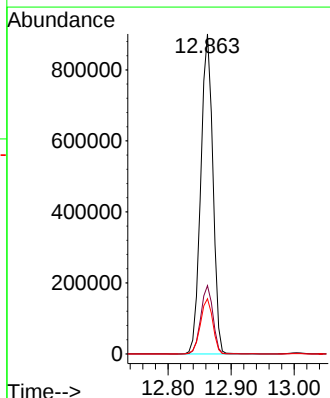
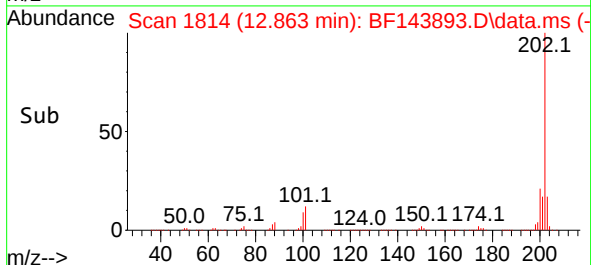
10/09/2025

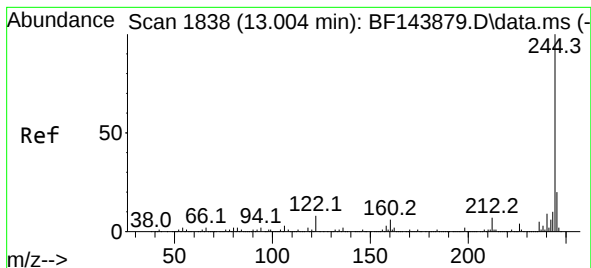


#78
Pyrene
Concen: 43.355 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:202 Resp: 1196891
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.3 13.8 20.6





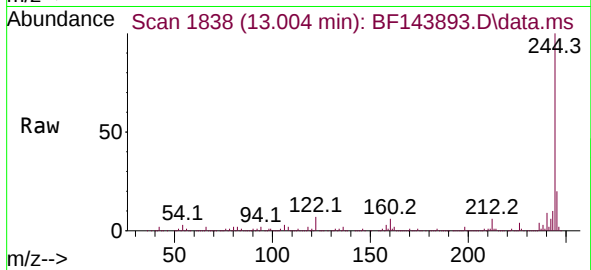
#79
Terphenyl-d14
Concen: 86.353 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

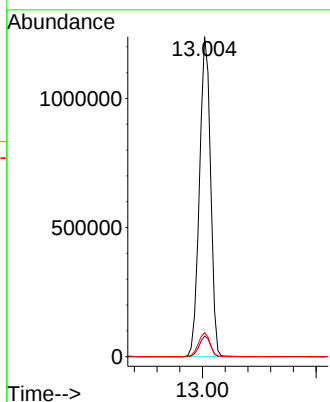
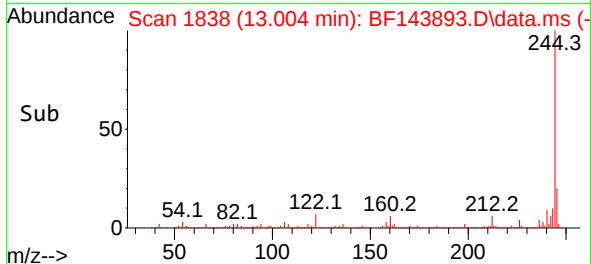
PB170020BS



Tgt Ion:244 Resp: 167313
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 7.5 6.4 9.6

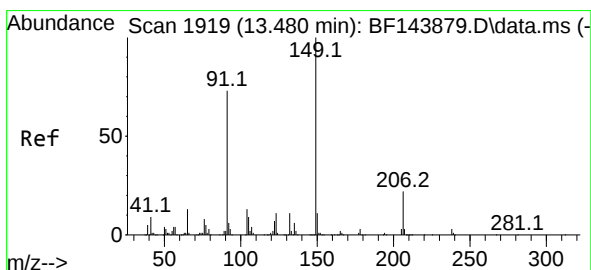
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

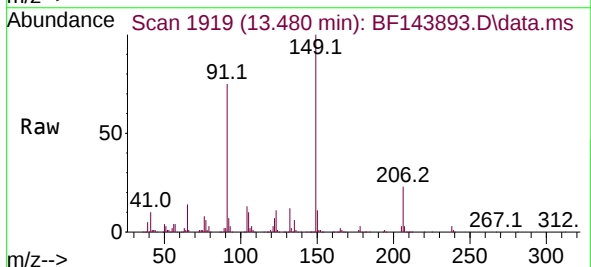


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Supervised By :Jagrut
Upadhyay

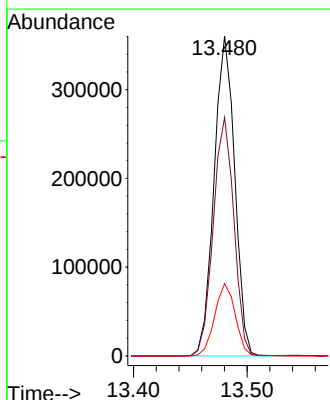
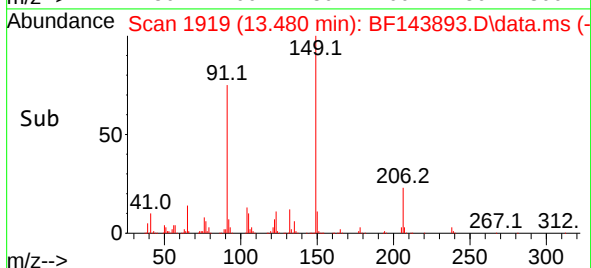
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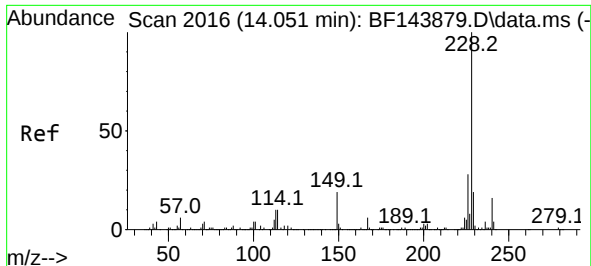


#80
Butylbenzylphthalate
Concen: 50.736 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



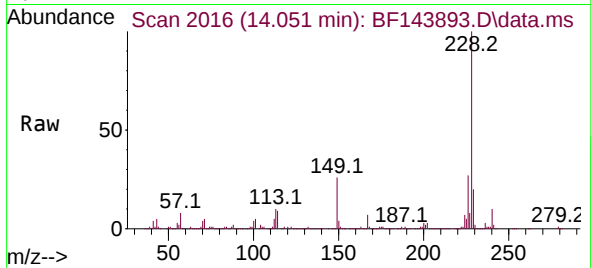
Tgt Ion:149 Resp: 454892
Ion Ratio Lower Upper
149 100
91 74.5 58.2 87.2
206 22.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 46.111 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

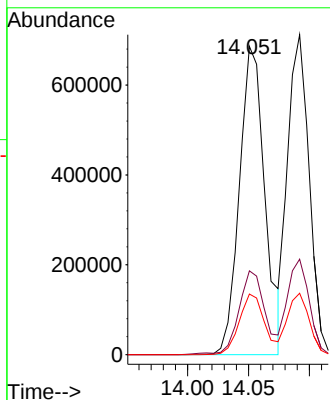
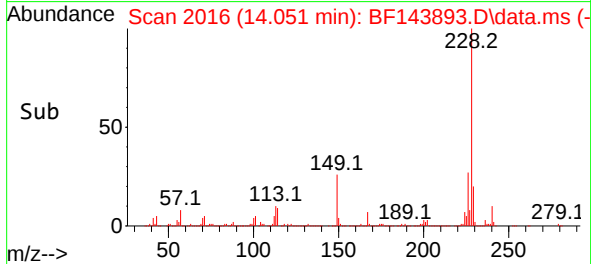
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:228 Resp: 999220
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.6 15.6 23.4

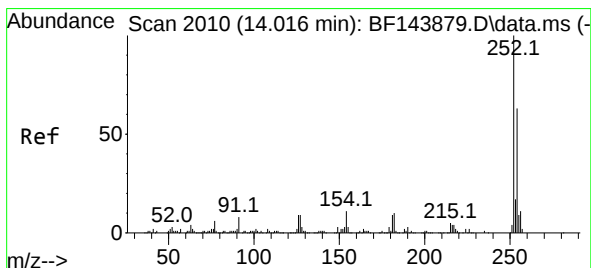
Manual Integrations
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Reviewed By :Rahul
Chavli

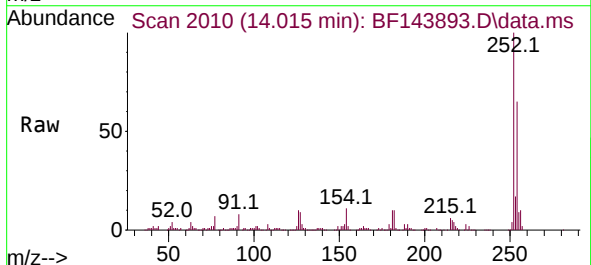


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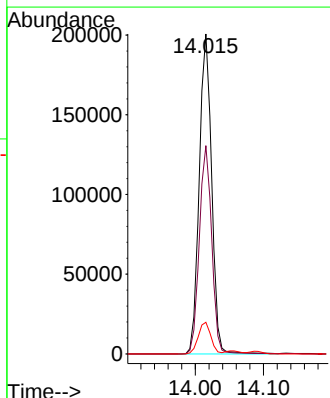
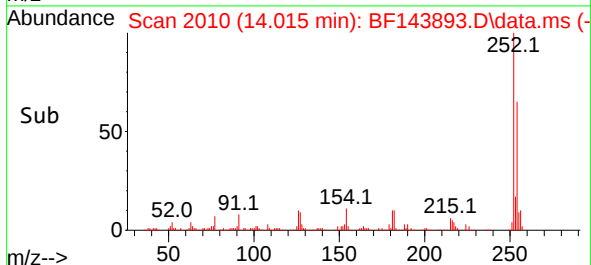
10/09/2025

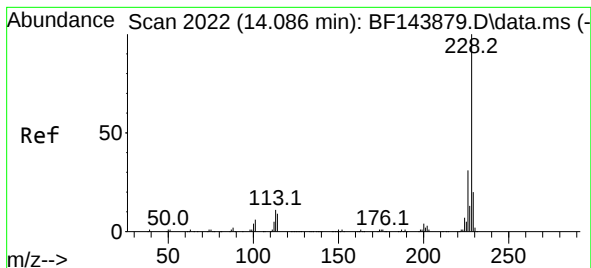


#82
3,3'-Dichlorobenzidine
Concen: 38.440 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:252 Resp: 253858
Ion Ratio Lower Upper
252 100
254 65.1 50.6 76.0
126 9.9 7.0 10.6





#83

Chrysene

Concen: 43.749 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

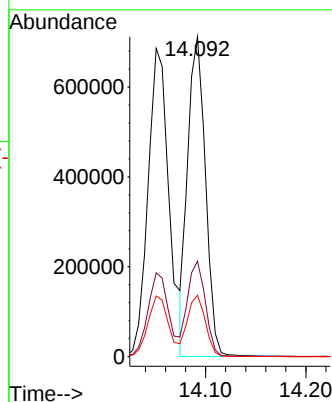
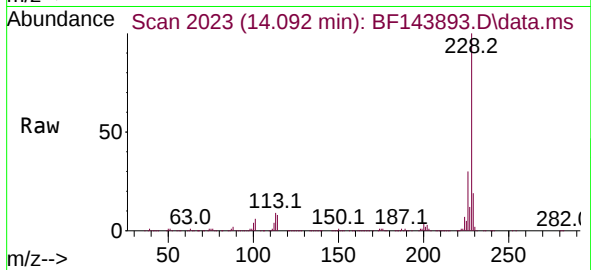
ClientSampleId :

PB170020BS

Tgt Ion:	228	Resp:	87744
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	19.2	15.9	23.9

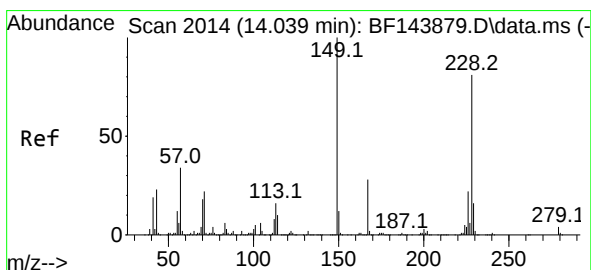
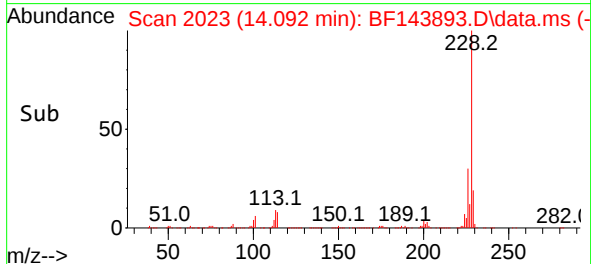
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



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Supervised By :Jagrut
Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.150 ng

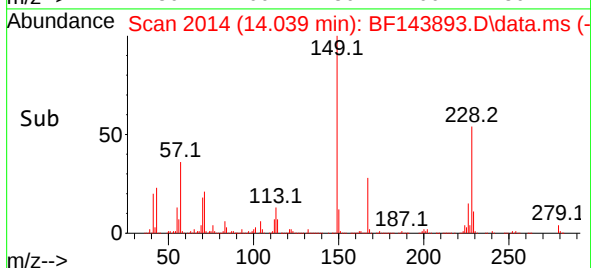
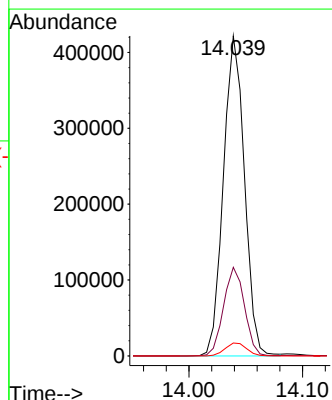
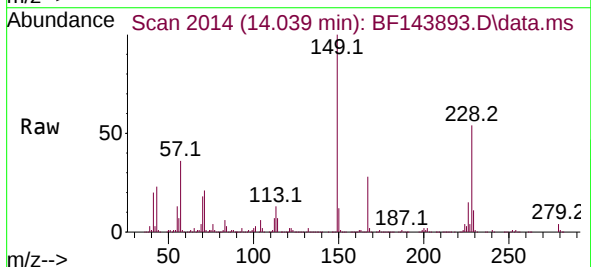
RT: 14.039 min Scan# 2014

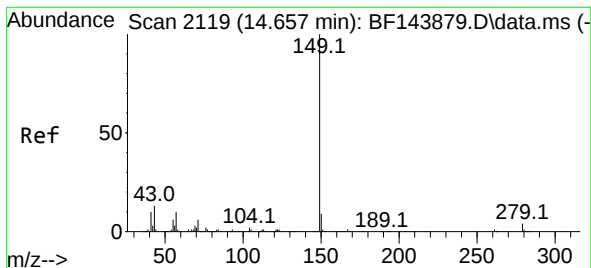
Delta R.T. 0.000 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Tgt Ion:	149	Resp:	542011
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.4
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 47.581 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

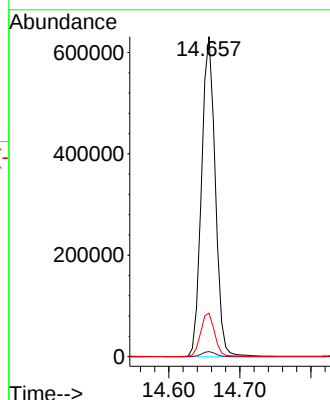
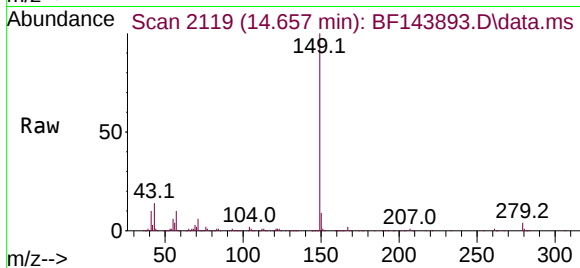
ClientSampleId :

PB170020BS

Tgt Ion:	149	Resp:	844614
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	13.8	11.0	16.4

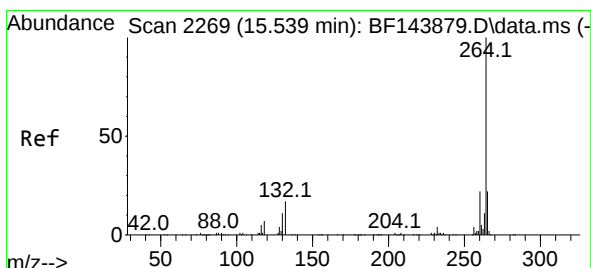
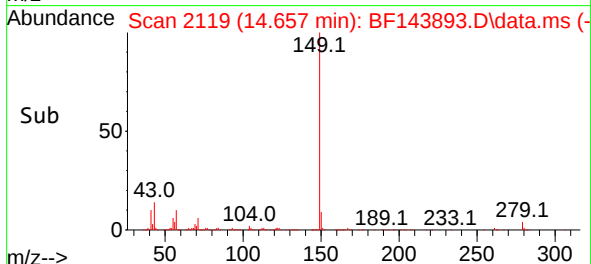
Manual Integrations
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Reviewed By :Rahul
Chavli



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Supervised By :Jagrut
Upadhyay

10/09/2025



#86

Perylene-d12

Concen: 20.000 ng

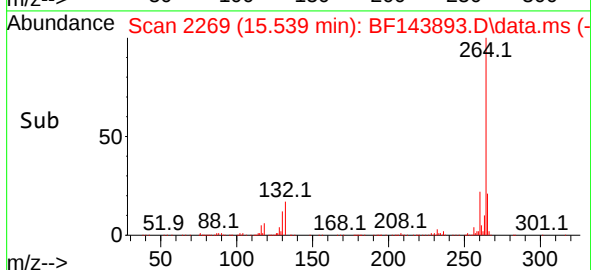
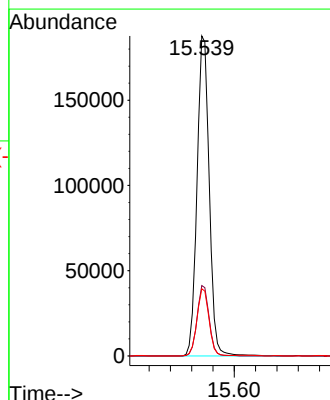
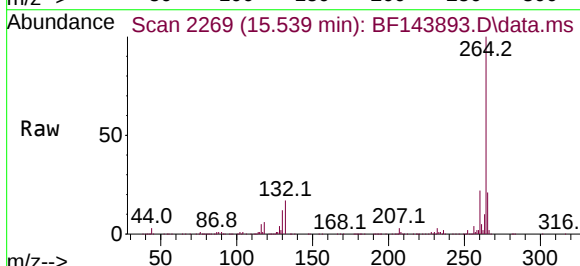
RT: 15.539 min Scan# 2269

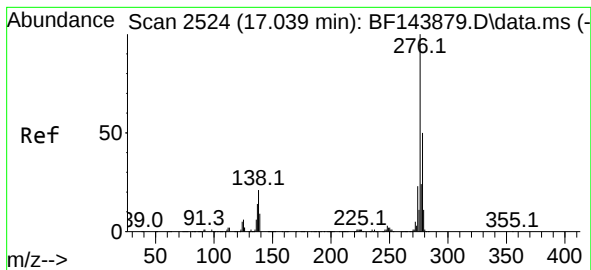
Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Tgt Ion:	264	Resp:	297474
Ion Ratio	Lower	Upper	
264	100		
260	22.0	17.8	26.8
265	21.0	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.308 ng

RT: 17.045 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

PB170020BS

Tgt Ion:276 Resp: 862301

Ion Ratio Lower Upper

276 100

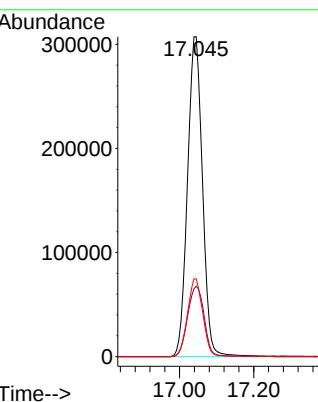
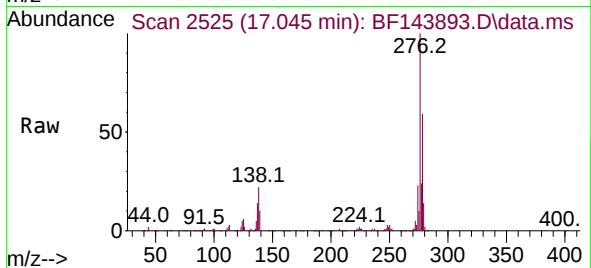
138 24.2 18.2 27.2

277 24.8 19.8 29.6

Manual Integrations

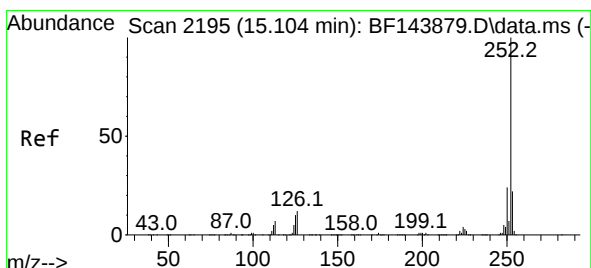
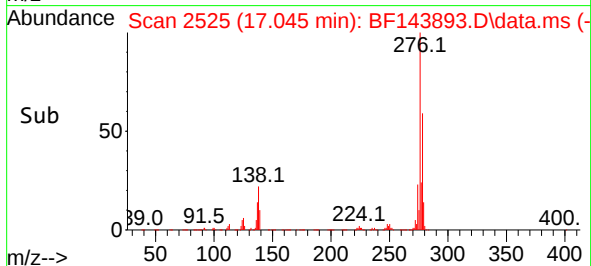
APPROVED

Reviewed By :Rahul
Chavli



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Supervised By :Jagrut
Upadhyay

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#88

Benzo(b)fluoranthene

Concen: 47.584 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

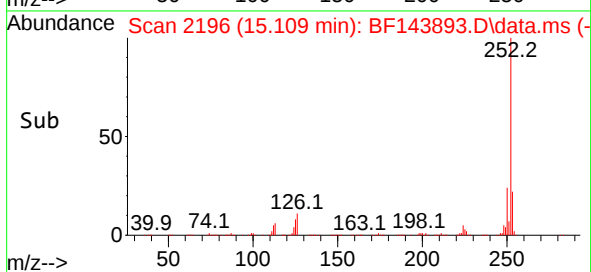
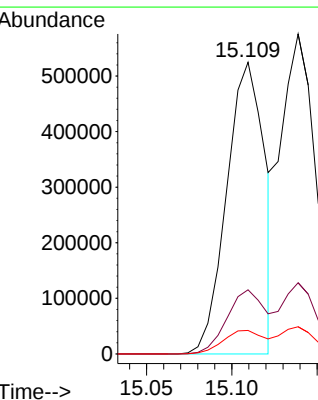
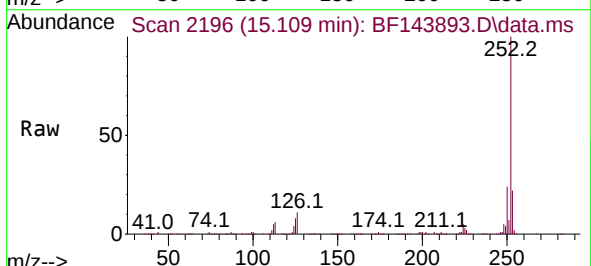
Tgt Ion:252 Resp: 813114

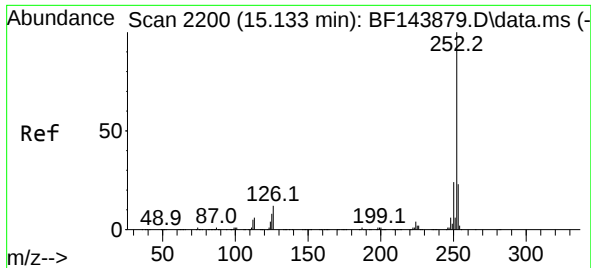
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 51.654 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

Instrument :

BNA_F

ClientSampleId :

PB170020BS

Tgt Ion:252 Resp: 816736

Ion Ratio Lower Upper

252 100

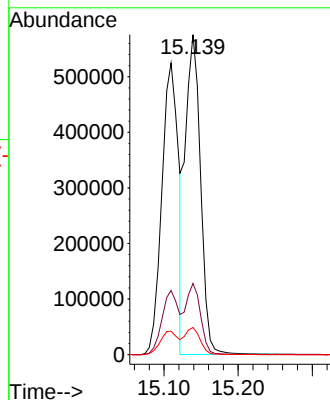
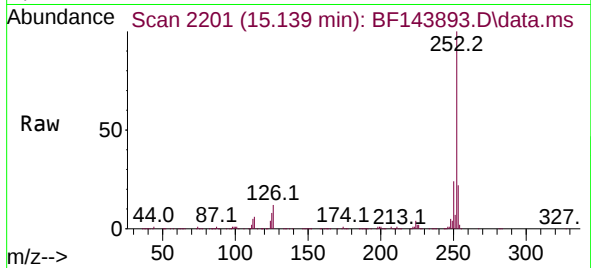
253 22.2 17.8 26.8

125 8.5 7.4 11.2

Manual Integrations

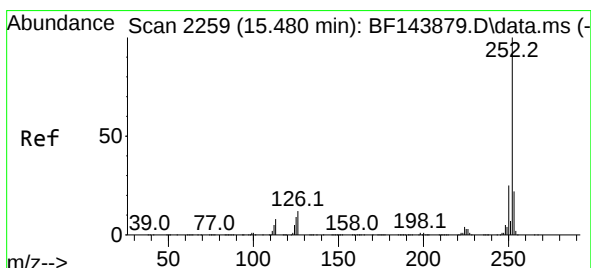
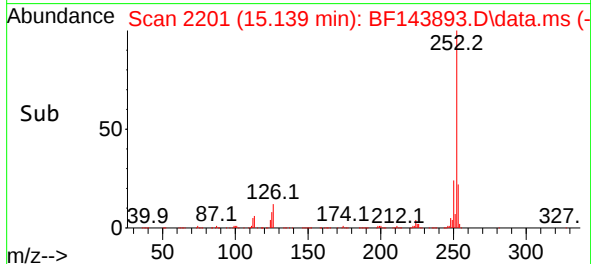
APPROVED

Reviewed By :Rahul
Chavli



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Supervised By :Jagrut
Upadhyay

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#90

Benzo(a)pyrene

Concen: 51.292 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143893.D

Acq: 08 Oct 2025 14:09

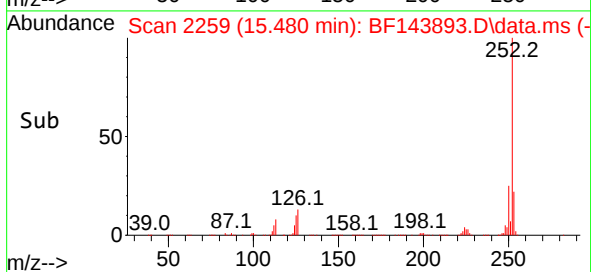
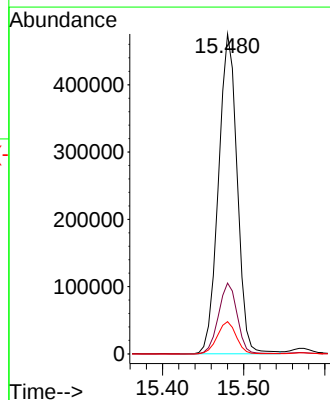
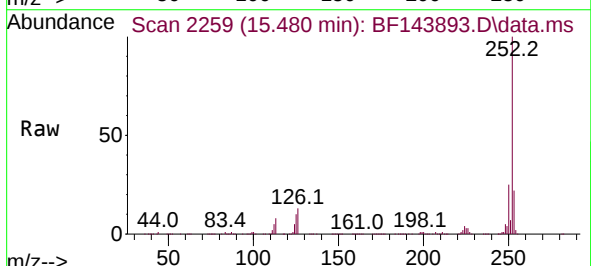
Tgt Ion:252 Resp: 759986

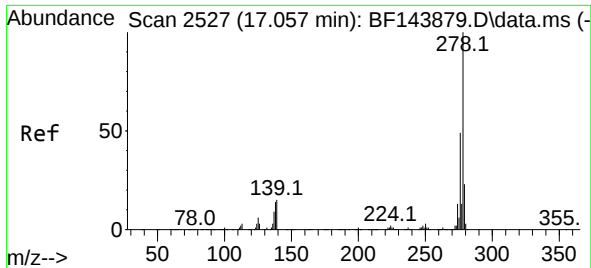
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

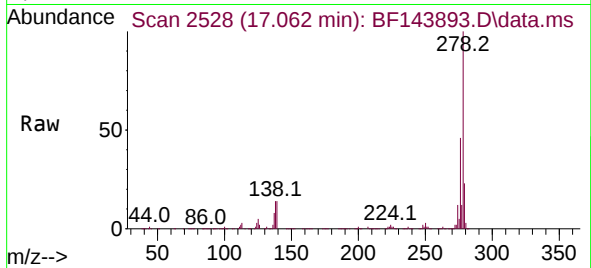
125 10.1 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 48.971 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.018 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09

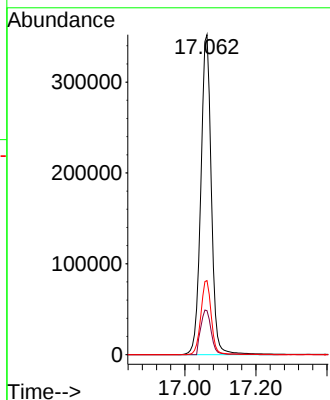
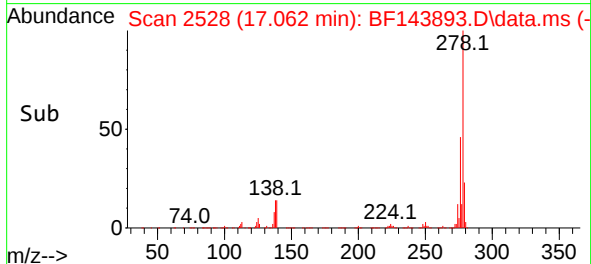
Instrument :
BNA_F
ClientSampleId :
PB170020BS



Tgt Ion:278 Resp: 717899
Ion Ratio Lower Upper
278 100
139 13.7 11.7 17.5
279 23.1 18.4 27.6

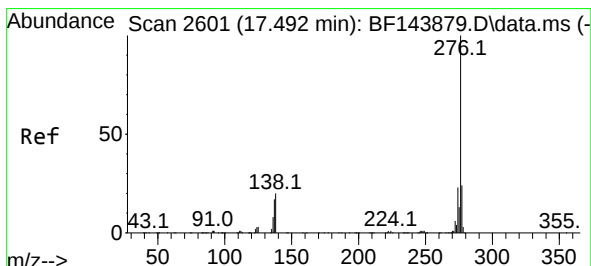
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

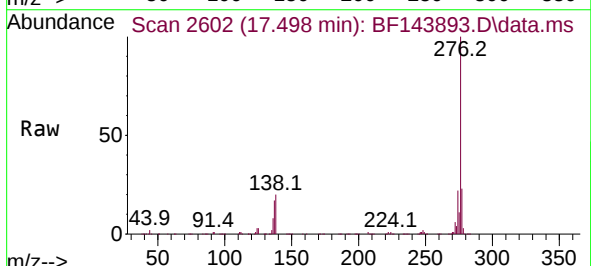


10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#92
Benzo(g,h,i)perylene
Concen: 48.926 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF143893.D
Acq: 08 Oct 2025 14:09



Tgt Ion:276 Resp: 717250
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 20.0 16.1 24.1

