

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102225\  
 Data File : BF144034.D  
 Acq On : 22 Oct 2025 11:23  
 Operator : RC/JU  
 Sample : PB170180BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Quant Time: Oct 22 12:19:49 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	119718	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	459704	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	246572	20.000 ng	0.00
64) Phenanthrene-d10	11.416	188	409864	20.000 ng	0.00
76) Chrysene-d12	14.062	240	219056	20.000 ng	0.00
86) Perylene-d12	15.545	264	213561	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.510	112	877798	116.435 ng	0.01
7) Phenol-d6	6.510	99	1064752	118.488 ng	0.00
23) Nitrobenzene-d5	7.445	82	658921	87.083 ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311869	126.987 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1236577	79.576 ng	-0.01
79) Terphenyl-d14	13.004	244	1229329	95.912 ng	0.00
Target Compounds					
2) 1,4-Dioxane	2.734	88	135824	38.933 ng	96
3) Pyridine	3.493	79	383553	37.766 ng	97
4) n-Nitrosodimethylamine	3.446	42	231413	43.315 ng	96
6) Aniline	6.545	93	463085	34.390 ng	97
8) 2-Chlorophenol	6.669	128	323383	43.882 ng	98
9) Benzaldehyde	6.434	77	184183	26.570 ng	100
10) Phenol	6.528	94	465127	43.295 ng	96
11) bis(2-Chloroethyl)ether	6.616	93	363582	43.811 ng	98
12) 1,3-Dichlorobenzene	6.822	146	385966	43.754 ng	98
13) 1,4-Dichlorobenzene	6.898	146	391013	44.937 ng	99
14) 1,2-Dichlorobenzene	7.051	146	376415	45.163 ng	99
15) Benzyl Alcohol	7.022	79	308936	45.884 ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	836420	44.278 ng	99
17) 2-Methylphenol	7.134	107	270072	44.345 ng	98
18) Hexachloroethane	7.392	117	129818	44.736 ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	259383	42.169 ng	95
20) 3+4-Methylphenols	7.286	107	299684	42.457 ng	# 74
22) Acetophenone	7.292	105	465580	47.899 ng	98
24) Nitrobenzene	7.463	77	380006	45.224 ng	98
25) Isophorone	7.704	82	695716	43.606 ng	98
26) 2-Nitrophenol	7.781	139	191765	53.231 ng	95
27) 2,4-Dimethylphenol	7.816	122	311248	48.029 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	446575	44.311 ng	99
29) 2,4-Dichlorophenol	8.022	162	293698	43.509 ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	300150	45.212 ng	98
31) Naphthalene	8.186	128	900753	43.074 ng	99
32) Benzoic acid	7.945	122	210289	46.887 ng	95
33) 4-Chloroaniline	8.233	127	184345	23.505 ng	98
34) Hexachlorobutadiene	8.304	225	201469	43.672 ng	99
35) Caprolactam	8.645	113	22367	10.421 ng	97
36) 4-Chloro-3-methylphenol	8.716	107	281138	43.358 ng	99
37) 2-Methylnaphthalene	8.880	142	553486	39.734 ng	100
38) 1-Methylnaphthalene	8.980	142	561229	41.537 ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	327097	47.997 ng	98
41) Hexachlorocyclopentadiene	9.033	237	280053	99.056 ng	100
43) 2,4,6-Trichlorophenol	9.157	196	221755	44.535 ng	99

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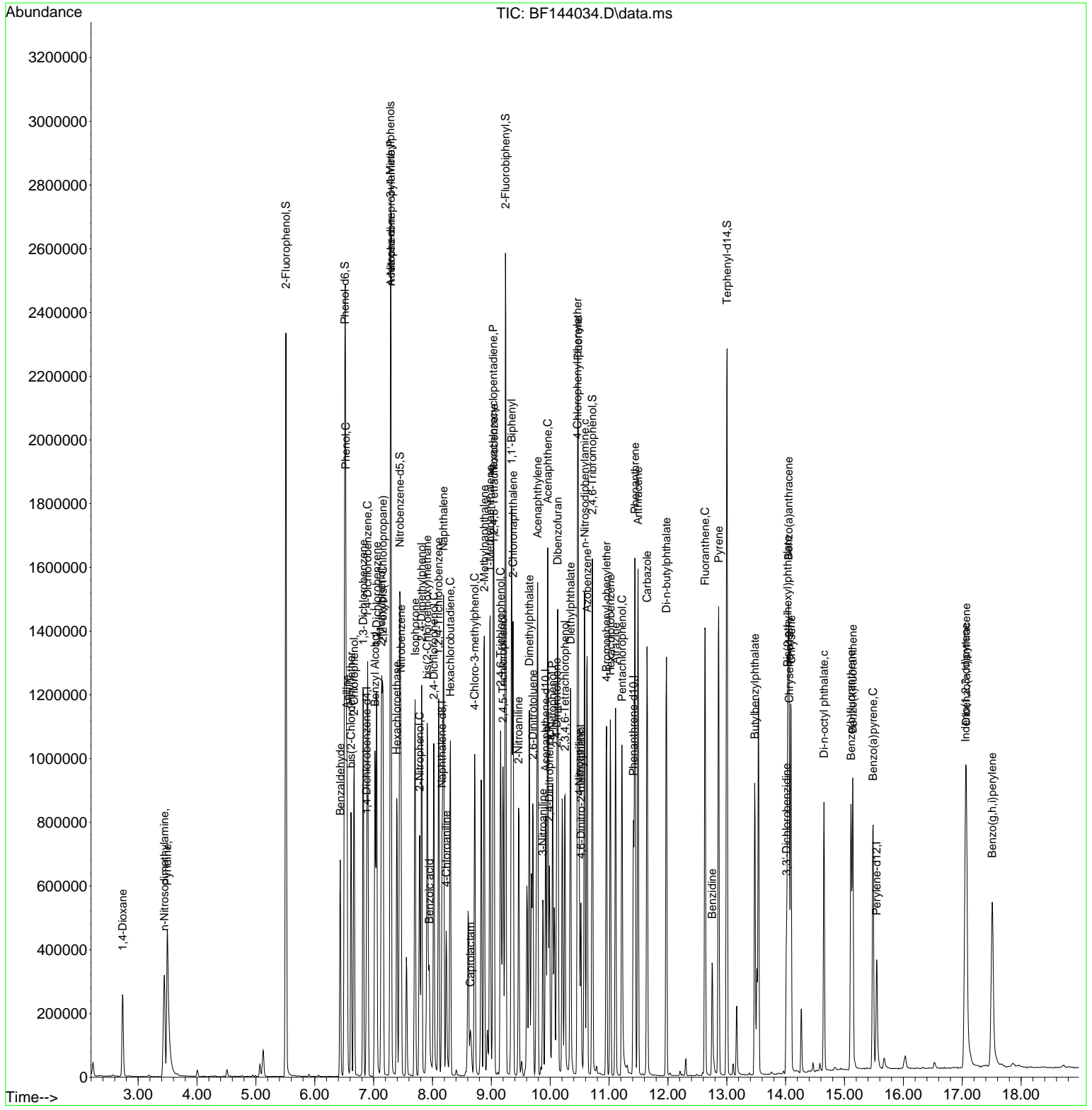
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	229126	43.543	ng	99
46) 1,1'-Biphenyl	9.345	154	773525	47.382	ng	98
47) 2-Chloronaphthalene	9.369	162	601901	44.221	ng	97
48) 2-Nitroaniline	9.463	65	208448	48.439	ng	100
49) Acenaphthylene	9.786	152	948248	49.554	ng	100
50) Dimethylphthalate	9.645	163	695536	44.420	ng	100
51) 2,6-Dinitrotoluene	9.704	165	153515	52.872	ng	97
52) Acenaphthene	9.957	154	575664	45.911	ng	98
53) 3-Nitroaniline	9.875	138	114553	32.221	ng	96
54) 2,4-Dinitrophenol	9.986	184	140703	78.686	ng	# 90
55) Dibenzofuran	10.127	168	770168	43.513	ng	99
56) 4-Nitrophenol	10.039	139	213879	79.453	ng	98
57) 2,4-Dinitrotoluene	10.110	165	203059	51.399	ng	99
58) Fluorene	10.474	166	592420	44.357	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170373	45.739	ng	98
60) Diethylphthalate	10.345	149	647831	44.534	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	311202	44.073	ng	98
62) 4-Nitroaniline	10.492	138	149396	43.698	ng	96
63) Azobenzene	10.627	77	689787	45.371	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	108273	52.568	ng	98
66) n-Nitrosodiphenylamine	10.586	169	596101	46.319	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	198082	43.730	ng	99
68) Hexachlorobenzene	11.022	284	227930	43.465	ng	99
69) Atrazine	11.110	200	184072	47.190	ng	98
70) Pentachlorophenol	11.222	266	217677	72.275	ng	99
71) Phenanthrene	11.439	178	880155	44.295	ng	99
72) Anthracene	11.492	178	890556	44.364	ng	99
73) Carbazole	11.645	167	790245	44.449	ng	99
74) Di-n-butylphthalate	11.974	149	920963	44.696	ng	100
75) Fluoranthene	12.633	202	869646	42.371	ng	99
77) Benzidine	12.751	184	232839	30.612	ng	98
78) Pyrene	12.863	202	895799	49.051	ng	99
80) Butylbenzylphthalate	13.474	149	296852	50.051	ng	96
81) Benzo(a)anthracene	14.051	228	656992	45.831	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	141998	32.504	ng	99
83) Chrysene	14.092	228	620817	46.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	348458	48.738	ng	99
85) Di-n-octyl phthalate	14.651	149	556634	47.402	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	740956	56.623	ng	98
88) Benzo(b)fluoranthene	15.109	252	500371	40.788	ng	99
89) Benzo(k)fluoranthene	15.139	252	466903	41.132	ng	100
90) Benzo(a)pyrene	15.486	252	516671	48.572	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	593880	56.429	ng	99
92) Benzo(g,h,i)perylene	17.509	276	602133	57.212	ng	97

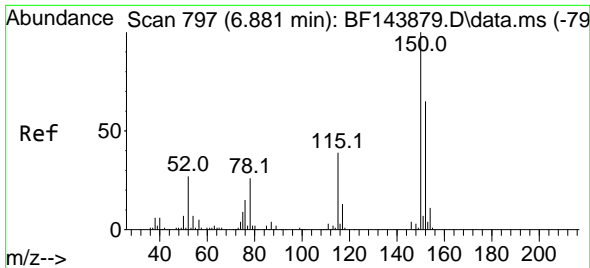
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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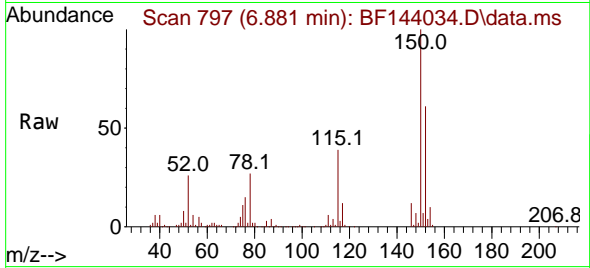
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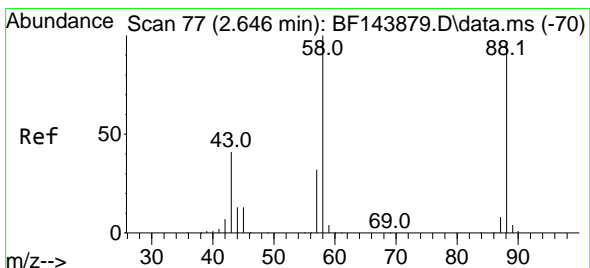
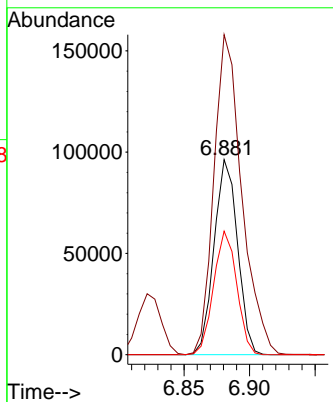
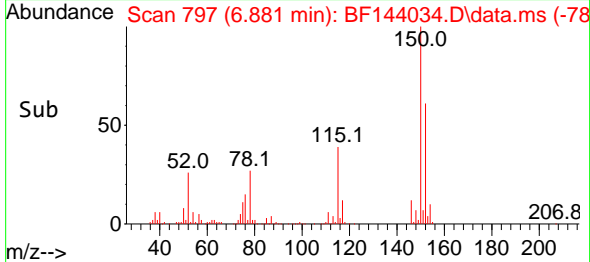


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

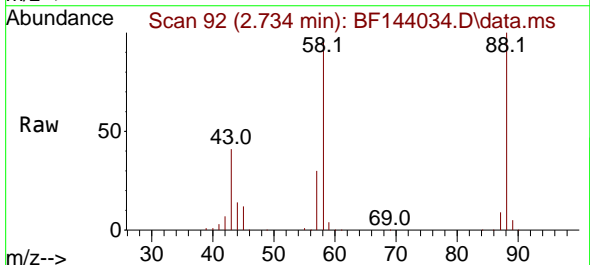
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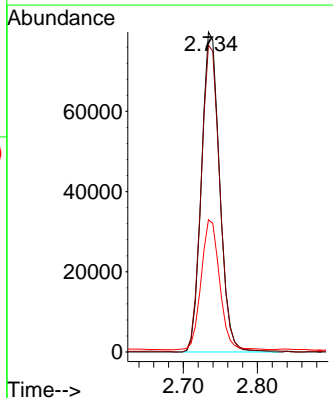
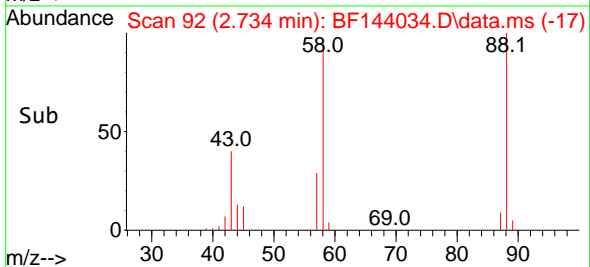
Tgt Ion:152 Resp: 119718  
 Ion Ratio Lower Upper  
 152 100  
 150 164.1 124.4 186.6  
 115 63.3 48.1 72.1

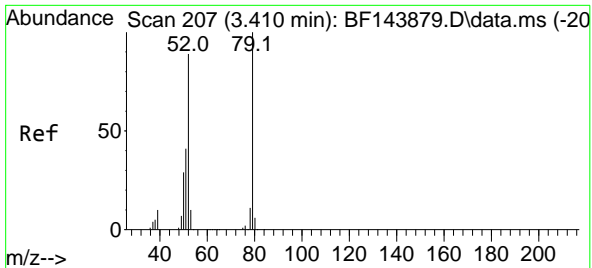


#2  
 1,4-Dioxane  
 Concen: 38.933 ng  
 RT: 2.734 min Scan# 92  
 Delta R.T. 0.088 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



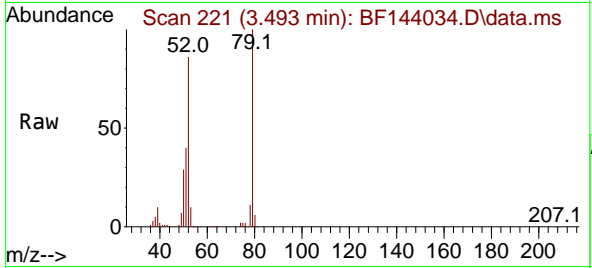
Tgt Ion: 88 Resp: 135824  
 Ion Ratio Lower Upper  
 88 100  
 58 98.7 83.0 124.6  
 43 41.3 33.9 50.9



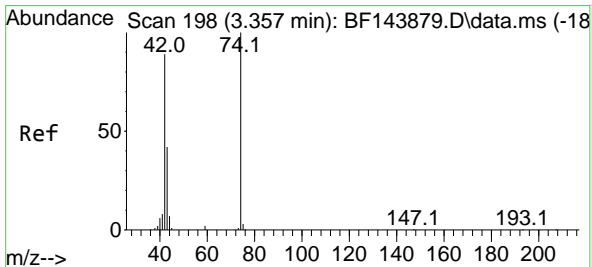
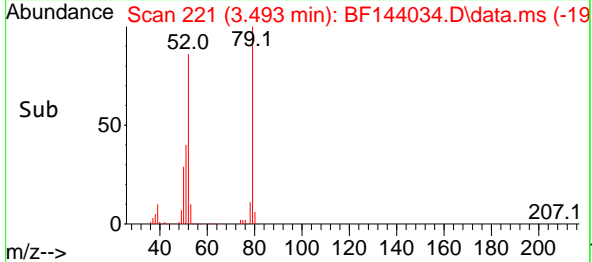
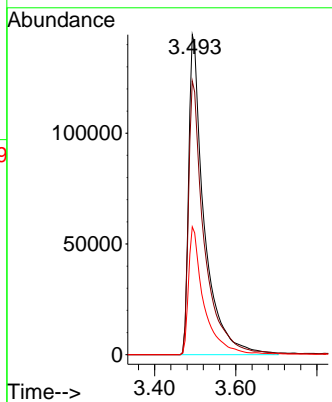


#3  
 Pyridine  
 Concen: 37.766 ng  
 RT: 3.493 min Scan# 213  
 Delta R.T. 0.076 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

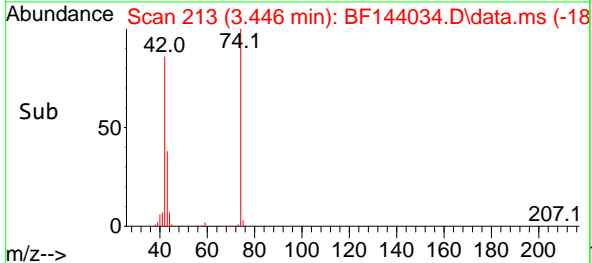
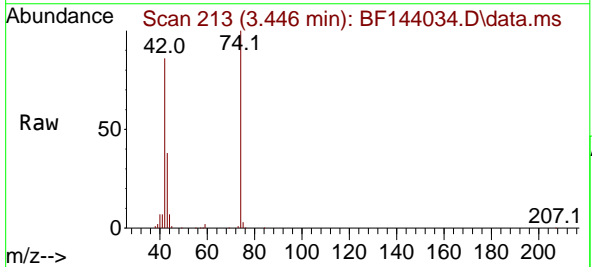
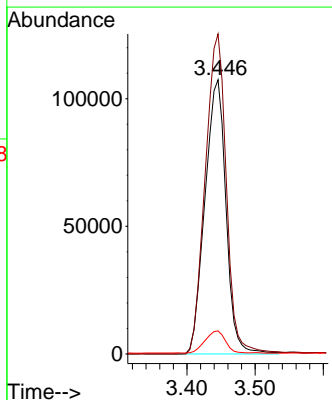


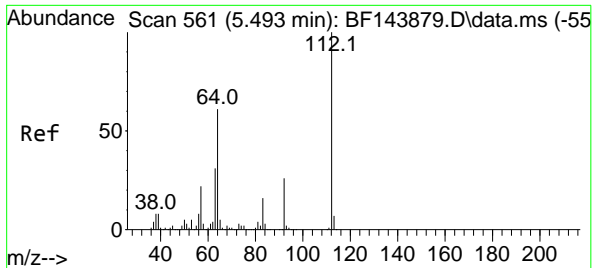
Tgt Ion: 79 Resp: 383553  
 Ion Ratio Lower Upper  
 79 100  
 52 85.5 71.5 107.3  
 51 39.9 32.9 49.3



#4  
 n-Nitrosodimethylamine  
 Concen: 43.315 ng  
 RT: 3.446 min Scan# 213  
 Delta R.T. 0.059 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 42 Resp: 231413  
 Ion Ratio Lower Upper  
 42 100  
 74 116.7 90.0 135.0  
 44 8.4 6.2 9.2





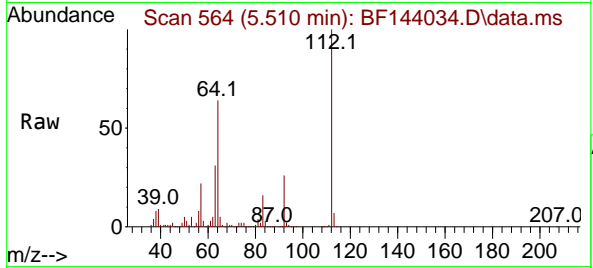
#5  
 2-Fluorophenol  
 Concen: 116.435 ng  
 RT: 5.510 min Scan# 50  
 Delta R.T. 0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :

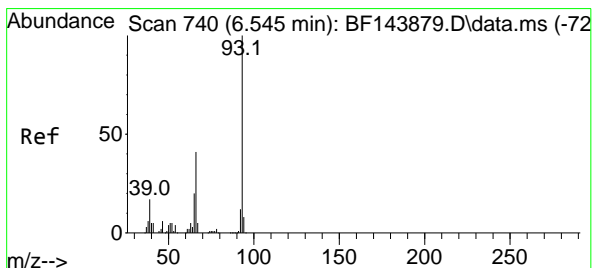
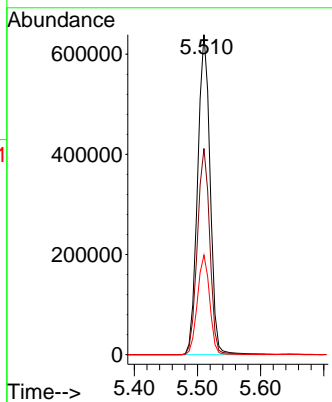
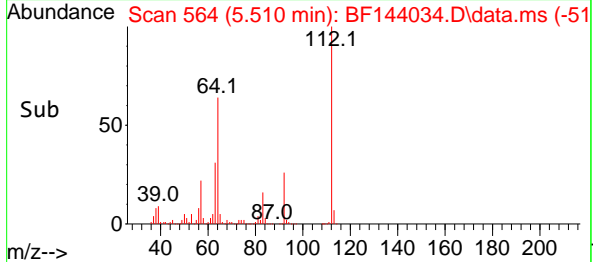
BNA\_F

Client Sample Id :

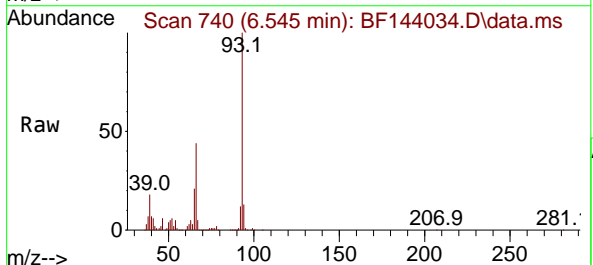
PB170180BS



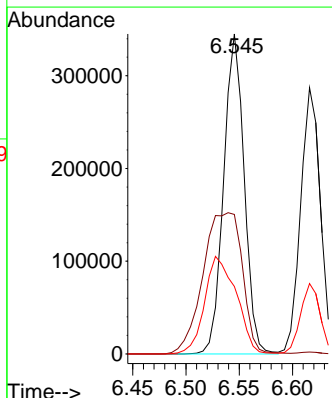
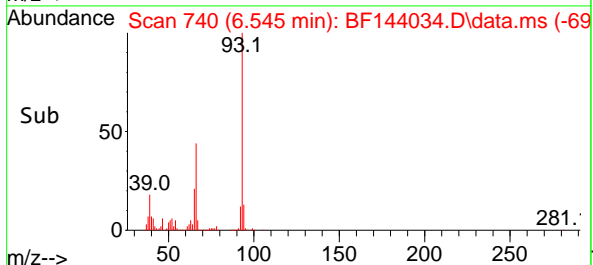
Tgt Ion: 112 Resp: 877798  
 Ion Ratio Lower Upper  
 112 100  
 64 64.5 49.1 73.7  
 63 31.1 24.5 36.7

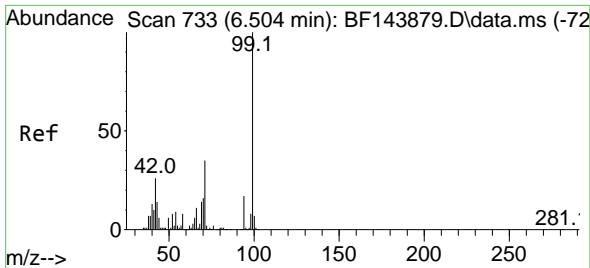


#6  
 Aniline  
 Concen: 34.390 ng  
 RT: 6.545 min Scan# 740  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
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Tgt Ion: 93 Resp: 463085  
 Ion Ratio Lower Upper  
 93 100  
 66 43.6 33.0 49.6  
 65 21.1 15.8 23.8



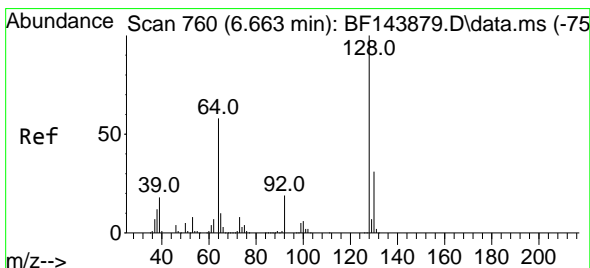
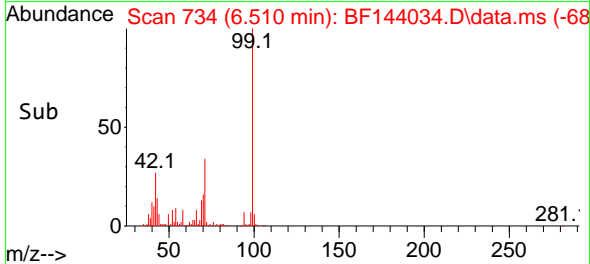
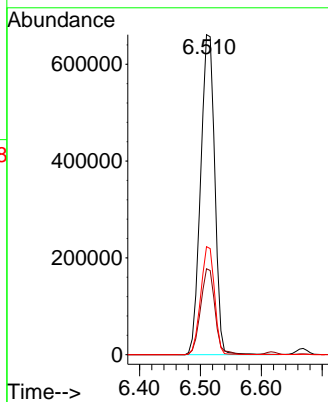
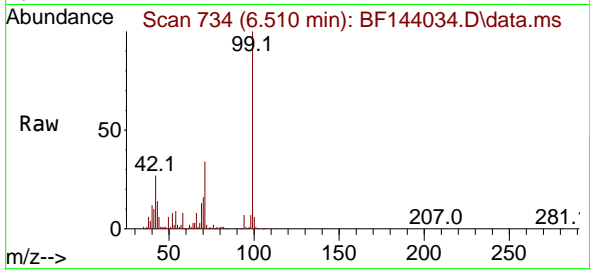


#7  
 Phenol-d6  
 Concen: 118.488 ng  
 RT: 6.510 min Scan# 710  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
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Tgt Ion: 99 Resp: 1064752

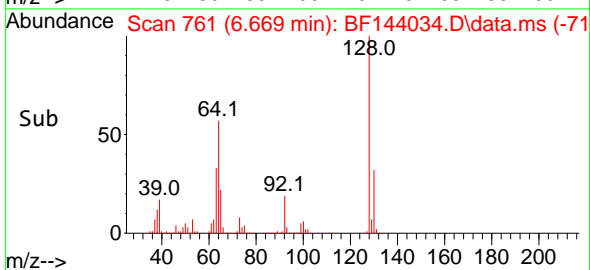
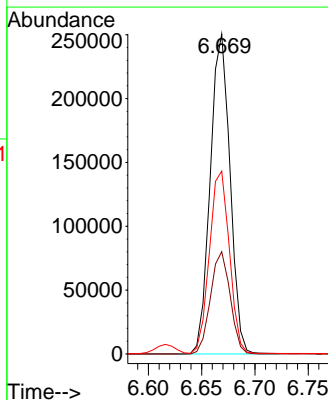
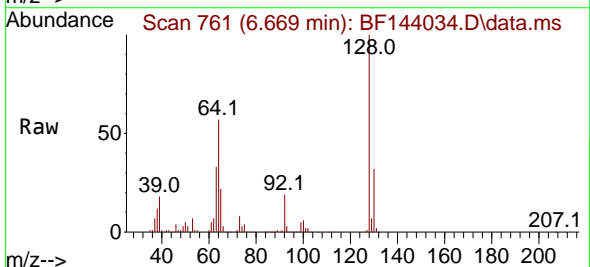
Ion	Ratio	Lower	Upper
99	100		
42	26.8	21.0	31.4
71	33.8	27.8	41.8

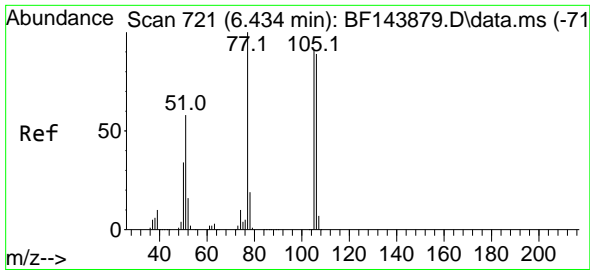


#8  
 2-Chlorophenol  
 Concen: 43.882 ng  
 RT: 6.669 min Scan# 761  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 128 Resp: 323383

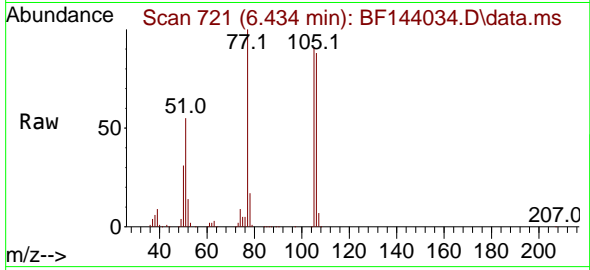
Ion	Ratio	Lower	Upper
128	100		
130	31.9	10.7	50.7
64	57.2	39.0	79.0



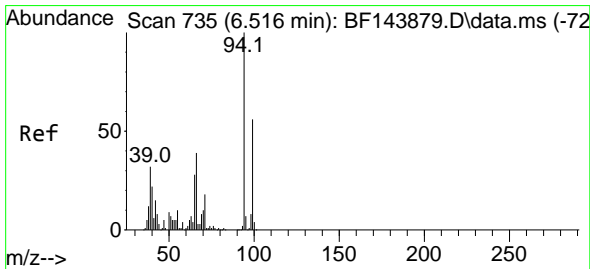
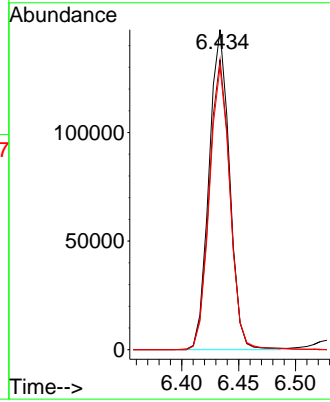
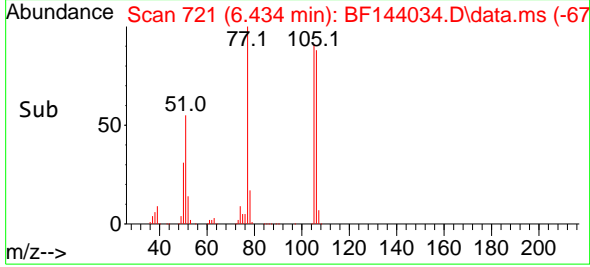


#9  
 Benzaldehyde  
 Concen: 26.570 ng  
 RT: 6.434 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
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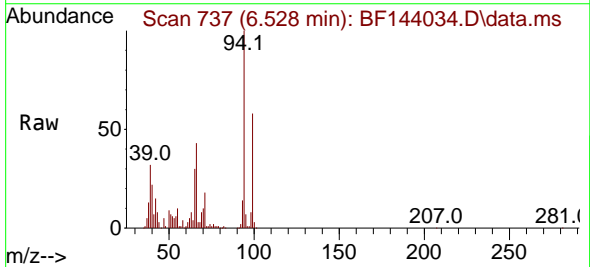
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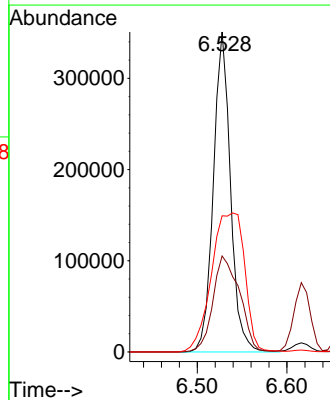
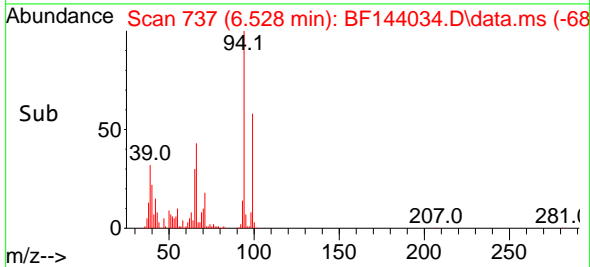
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 106 88.4 68.9 108.9



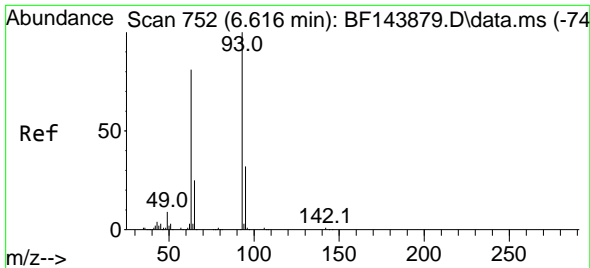
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 Phenol  
 Concen: 43.295 ng  
 RT: 6.528 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion: 94 Resp: 465127  
 Ion Ratio Lower Upper  
 94 100  
 65 30.0 8.5 48.5  
 66 42.5 19.9 59.9







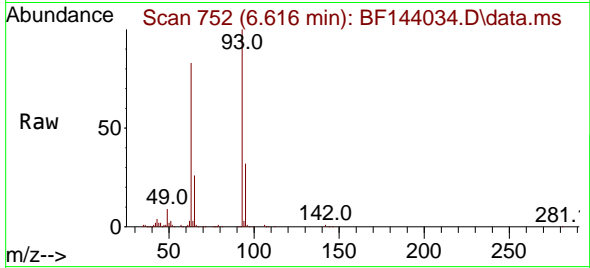
#11  
 bis(2-Chloroethyl)ether  
 Concen: 43.811 ng  
 RT: 6.616 min Scan# 711  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :

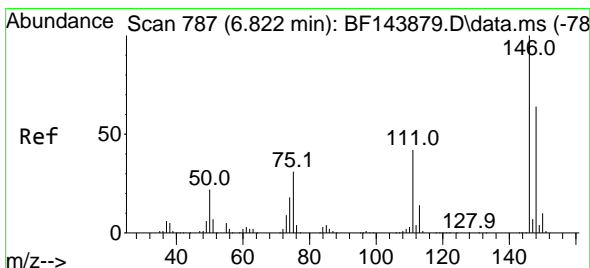
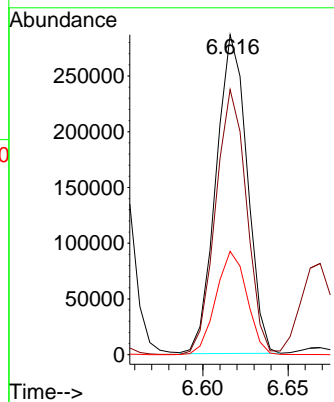
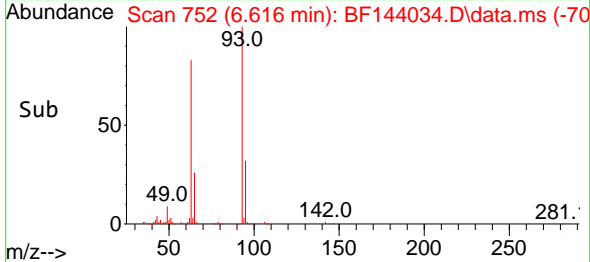
BNA\_F

ClientSampleId :

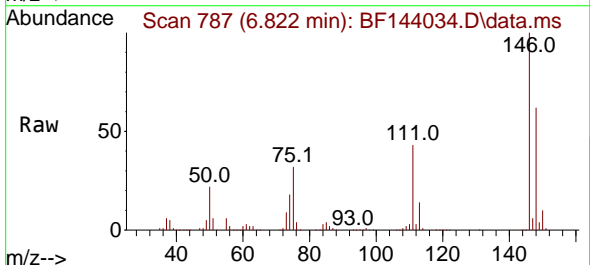
PB170180BS



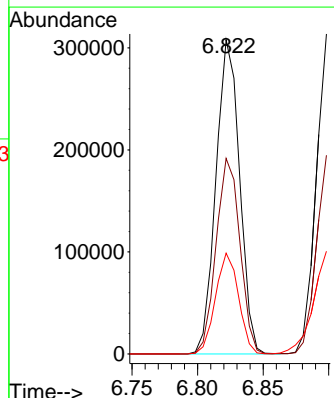
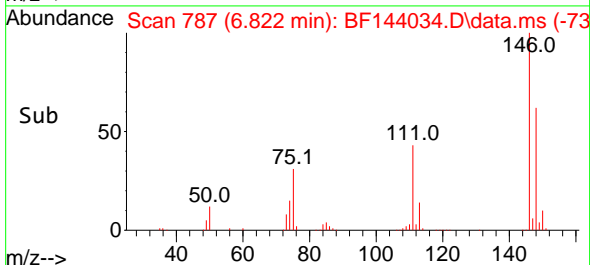
Tgt Ion: 93 Resp: 363582  
 Ion Ratio Lower Upper  
 93 100  
 63 82.9 60.9 100.9  
 95 32.3 11.5 51.5

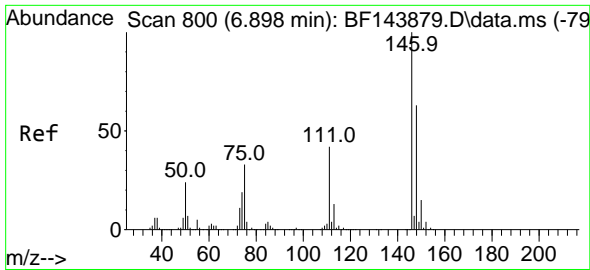


#12  
 1,3-Dichlorobenzene  
 Concen: 43.754 ng  
 RT: 6.822 min Scan# 787  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



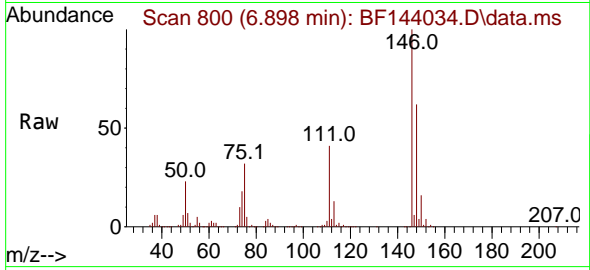
Tgt Ion:146 Resp: 385966  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 51.0 76.4  
 75 32.1 24.9 37.3



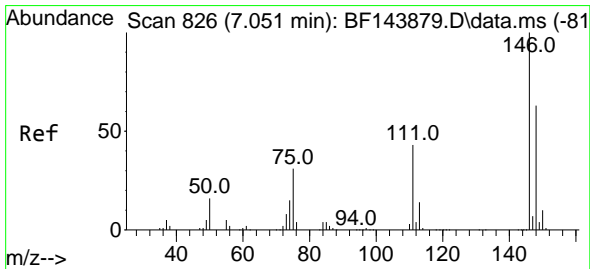
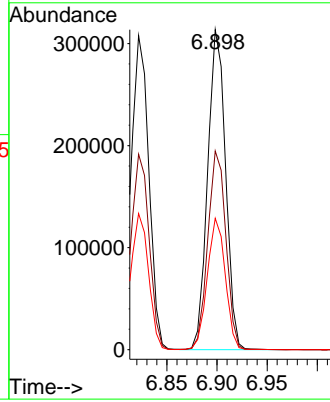
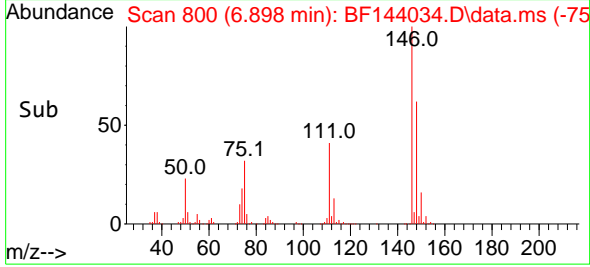


#13  
 1,4-Dichlorobenzene  
 Concen: 44.937 ng  
 RT: 6.898 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

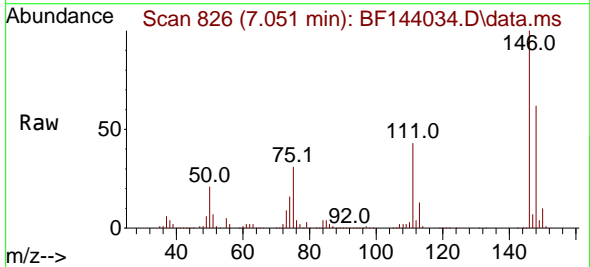
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



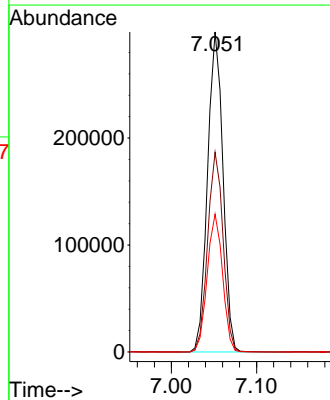
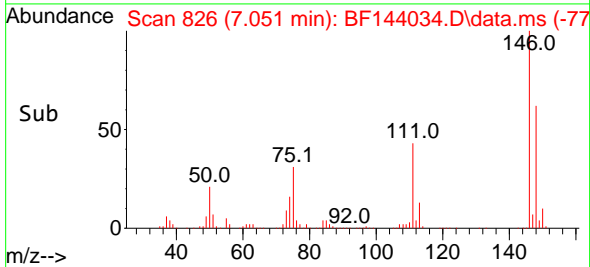
Tgt Ion:146 Resp: 391013  
 Ion Ratio Lower Upper  
 146 100  
 148 62.1 50.5 75.7  
 111 41.0 33.4 50.0

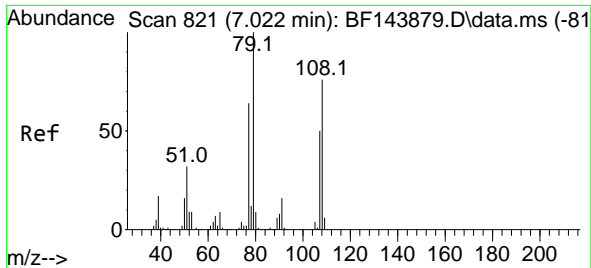


#14  
 1,2-Dichlorobenzene  
 Concen: 45.163 ng  
 RT: 7.051 min Scan# 826  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



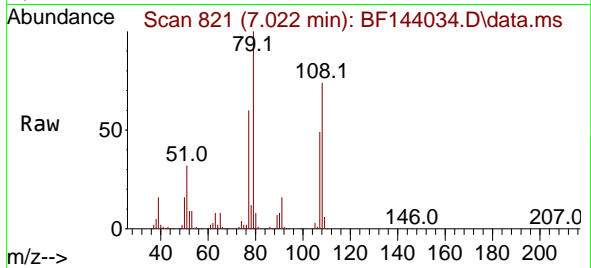
Tgt Ion:146 Resp: 376415  
 Ion Ratio Lower Upper  
 146 100  
 148 62.4 50.6 75.8  
 111 43.0 34.6 51.8



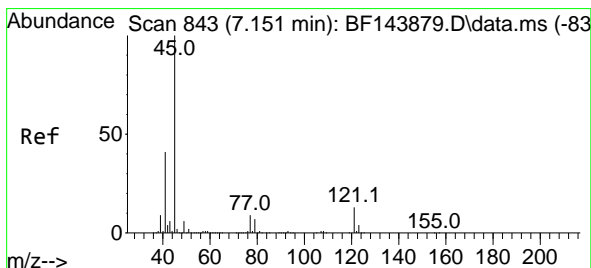
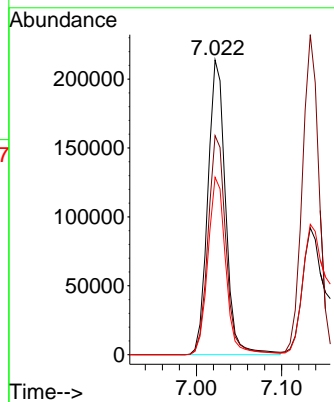
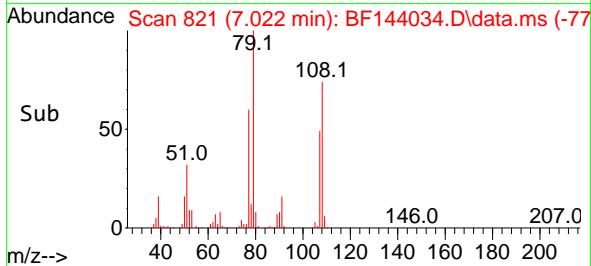


#15  
 Benzyl Alcohol  
 Concen: 45.884 ng  
 RT: 7.022 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

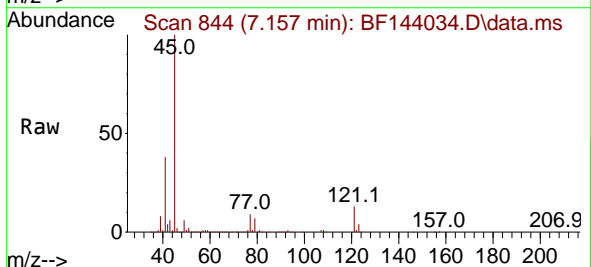
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



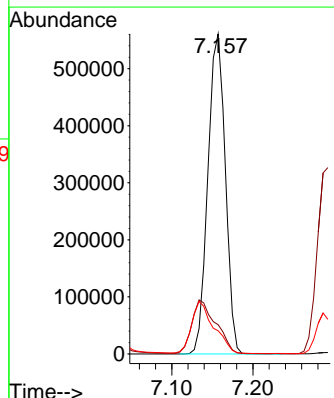
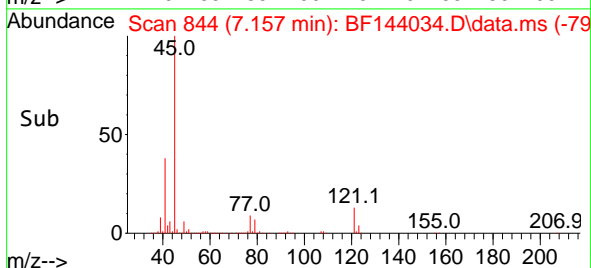
Tgt Ion: 79 Resp: 308936  
 Ion Ratio Lower Upper  
 79 100  
 108 74.3 60.8 91.2  
 77 60.2 51.0 76.6

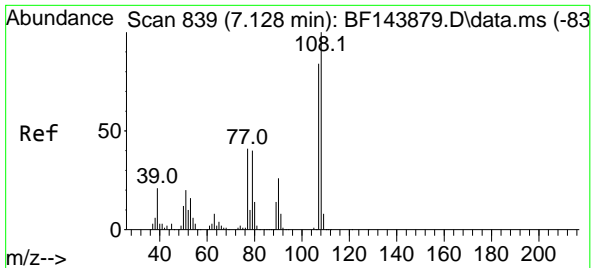


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 44.278 ng  
 RT: 7.157 min Scan# 844  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



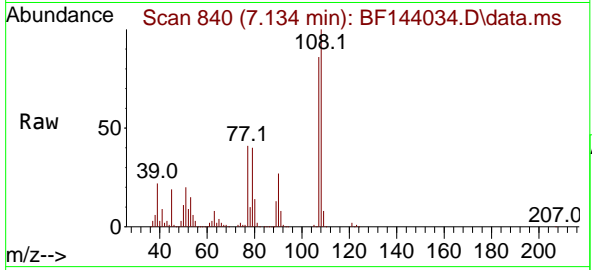
Tgt Ion: 45 Resp: 836420  
 Ion Ratio Lower Upper  
 45 100  
 77 9.1 0.0 29.0  
 79 7.3 0.0 26.8





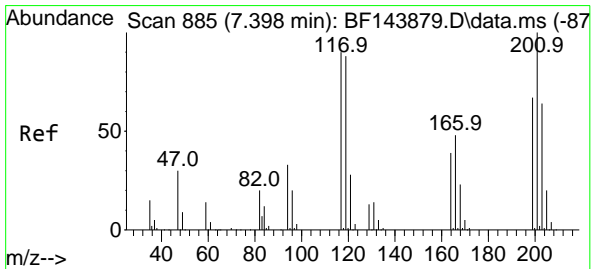
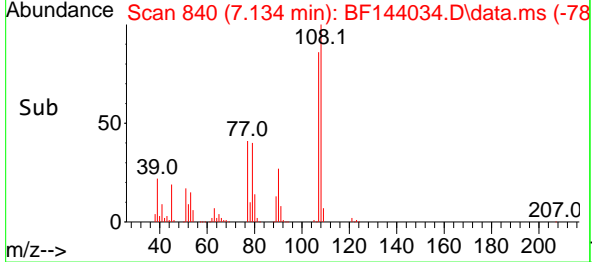
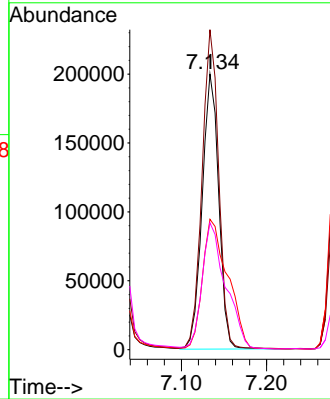
#17  
 2-Methylphenol  
 Concen: 44.345 ng  
 RT: 7.134 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



Tgt Ion:107 Resp: 270072

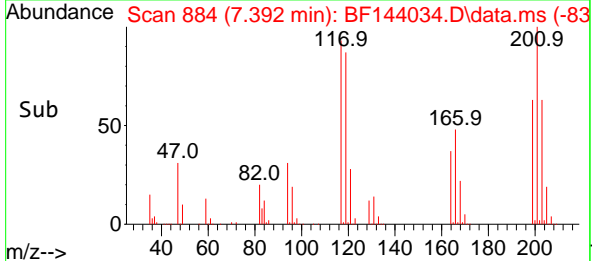
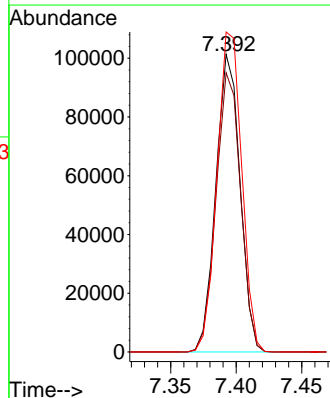
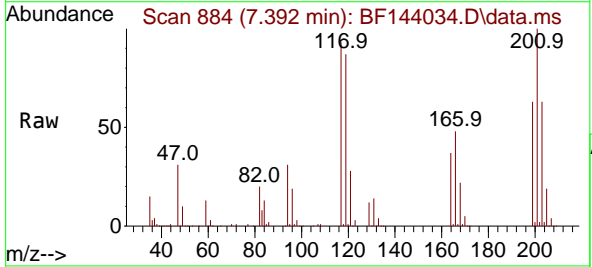
Ion	Ratio	Lower	Upper
107	100		
108	116.1	94.7	142.1
77	47.3	38.8	58.2
79	46.0	38.3	57.5

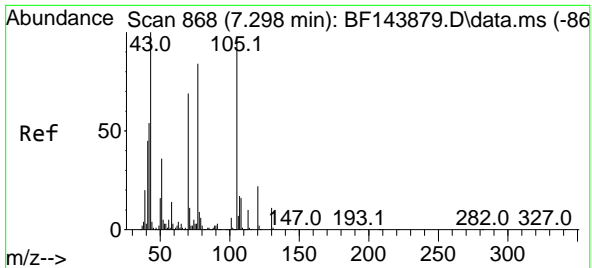


#18  
 Hexachloroethane  
 Concen: 44.736 ng  
 RT: 7.392 min Scan# 884  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:117 Resp: 129818

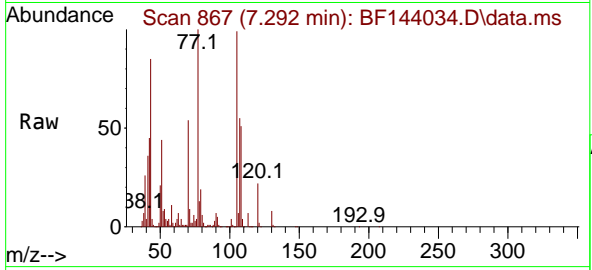
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.8	116.8
201	107.5	88.5	132.7





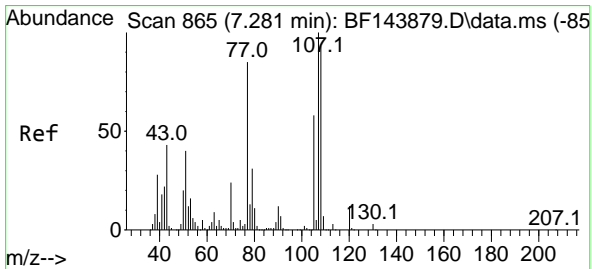
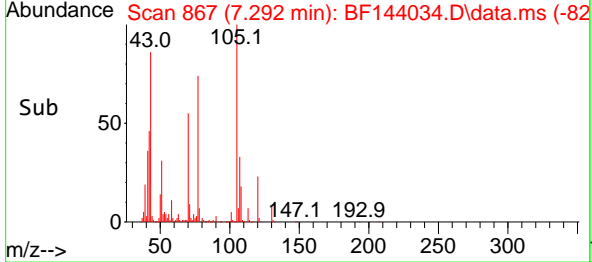
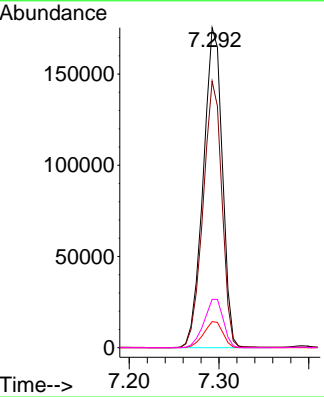
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 42.169 ng  
 RT: 7.292 min Scan# 80  
 Delta R.T. -0.024 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

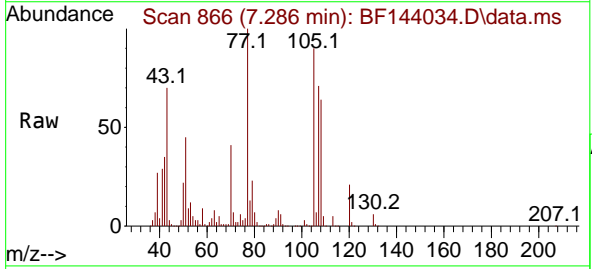


Tgt Ion: 70 Resp: 259383

Ion	Ratio	Lower	Upper
70	100		
42	83.3	62.8	94.2
101	8.2	6.7	10.1
130	15.1	13.0	19.4

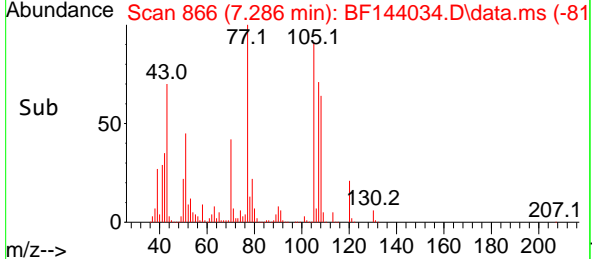
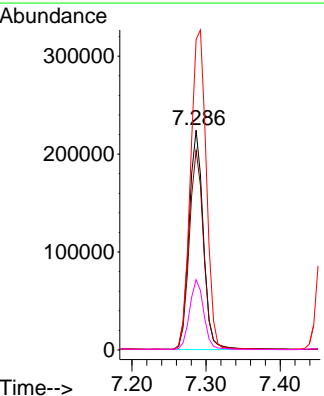


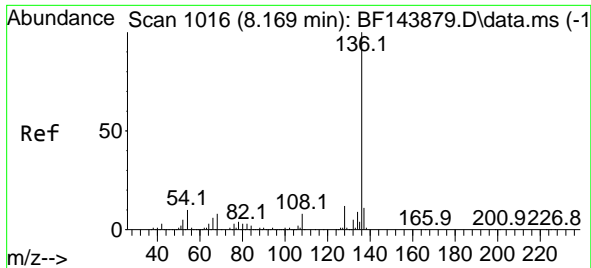
#20  
 3+4-Methylphenols  
 Concen: 42.457 ng  
 RT: 7.286 min Scan# 866  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion: 107 Resp: 299684

Ion	Ratio	Lower	Upper
107	100		
108	90.8	73.0	113.0
77	141.4	64.6	104.6#
79	32.0	11.5	51.5



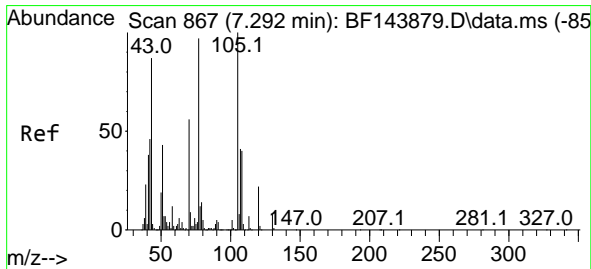
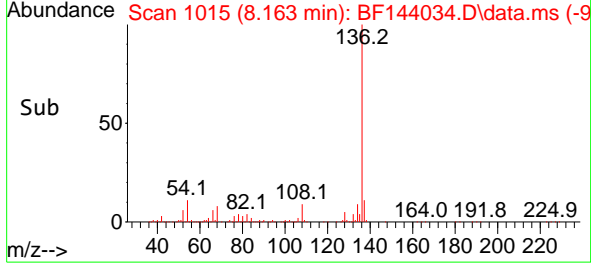
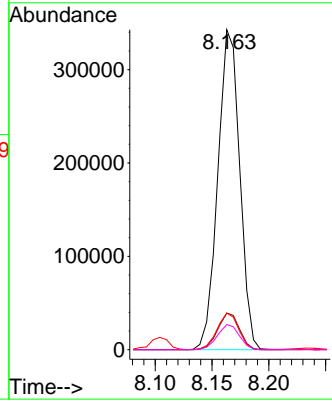
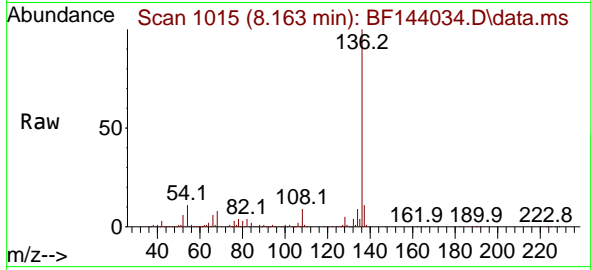


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.163 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 ClientSampleId : PB170180BS

Tgt Ion:136 Resp: 459704

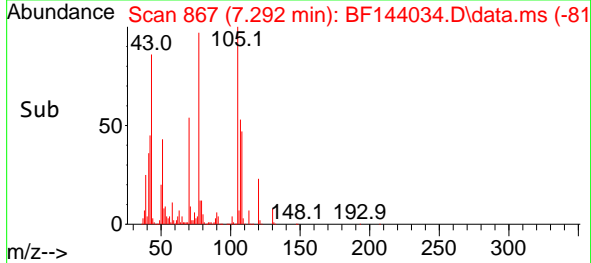
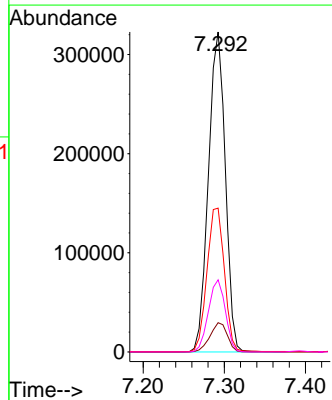
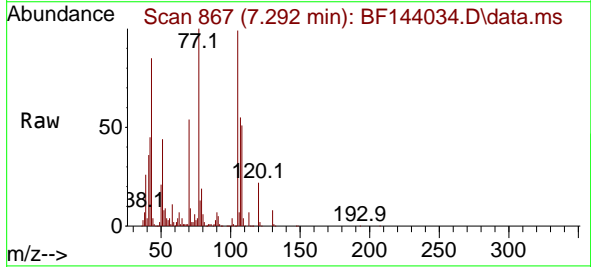
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	11.5	8.2	12.4
68	7.8	6.2	9.4

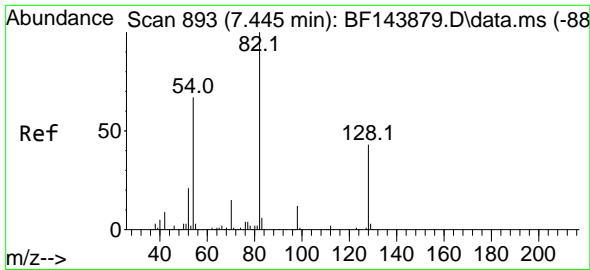


#22  
 Acetophenone  
 Concen: 47.899 ng  
 RT: 7.292 min Scan# 867  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:105 Resp: 465580

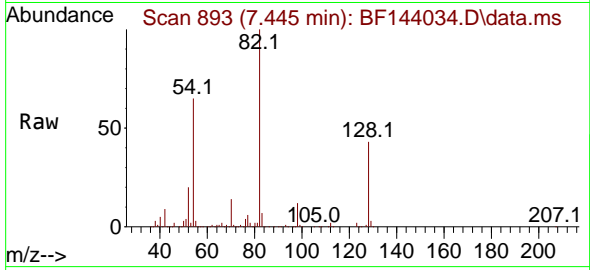
Ion	Ratio	Lower	Upper
105	100		
71	9.1	7.4	11.0
51	45.0	34.2	51.4
120	22.6	17.7	26.5



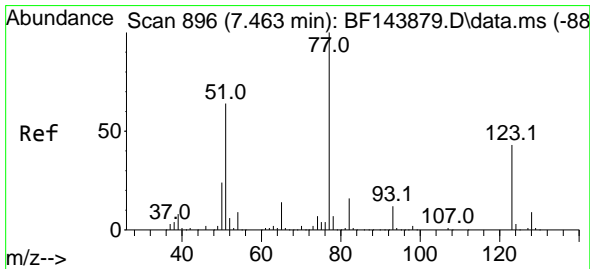
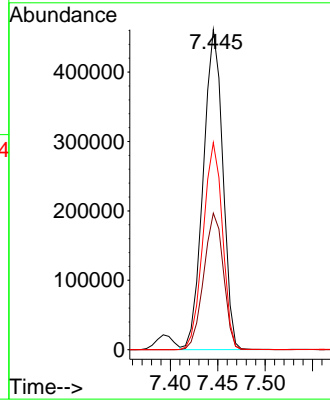
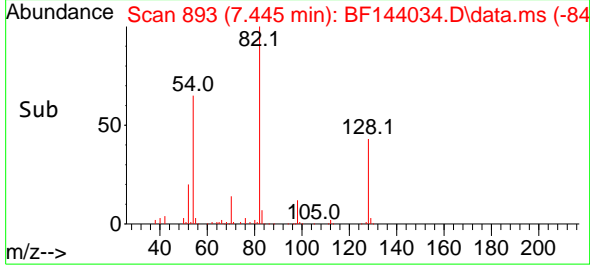


#23  
 Nitrobenzene-d5  
 Concen: 87.083 ng  
 RT: 7.445 min Scan# 893  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

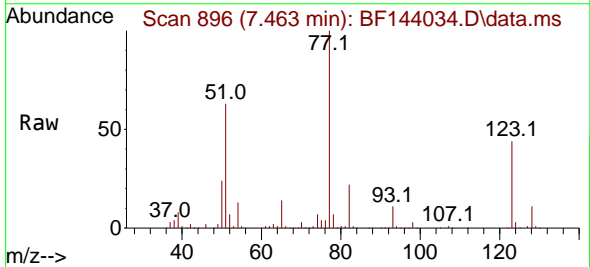
Instrument : BNA\_F  
 ClientSampleId : PB170180BS



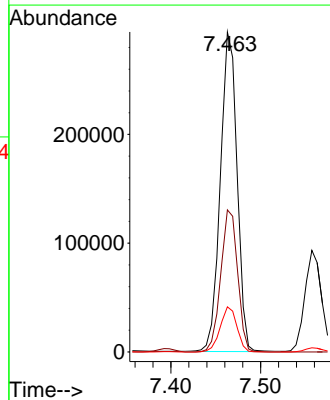
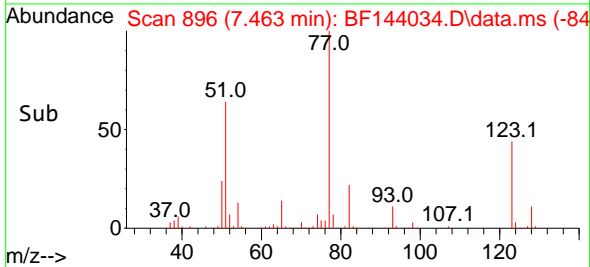
Tgt Ion: 82 Resp: 658921  
 Ion Ratio Lower Upper  
 82 100  
 128 42.7 34.0 51.0  
 54 64.7 53.2 79.8

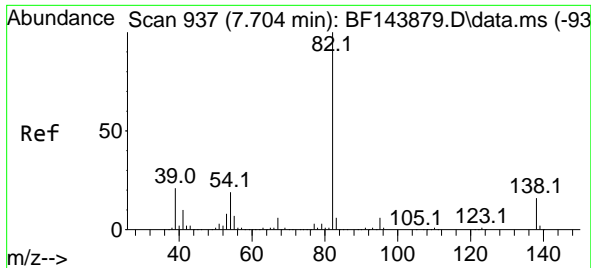


#24  
 Nitrobenzene  
 Concen: 45.224 ng  
 RT: 7.463 min Scan# 896  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion: 77 Resp: 380006  
 Ion Ratio Lower Upper  
 77 100  
 123 44.4 34.2 51.4  
 65 14.1 11.0 16.6



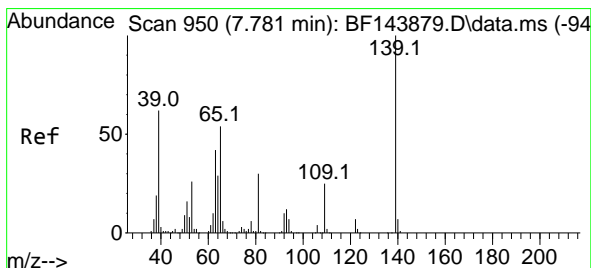
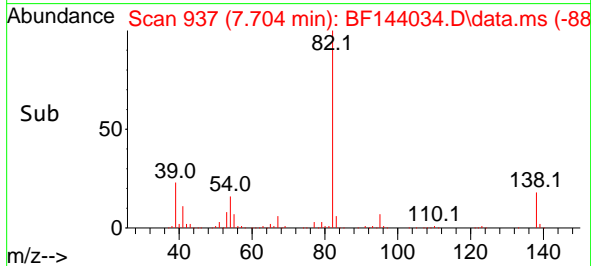
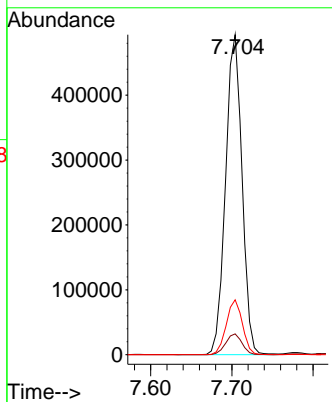
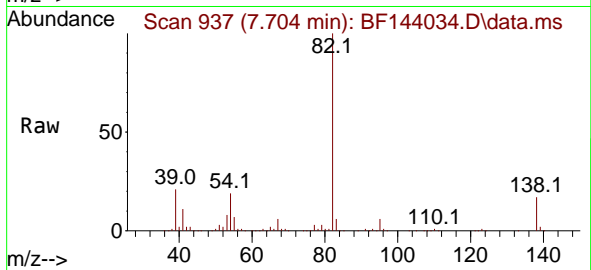


#25  
 Isophorone  
 Concen: 43.606 ng  
 RT: 7.704 min Scan# 91  
 Delta R.T. -0.018 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion: 82 Resp: 695716

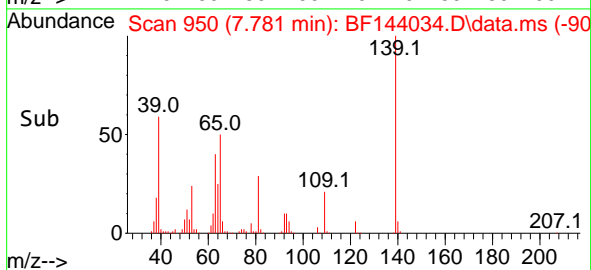
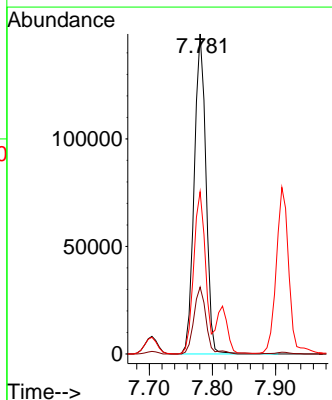
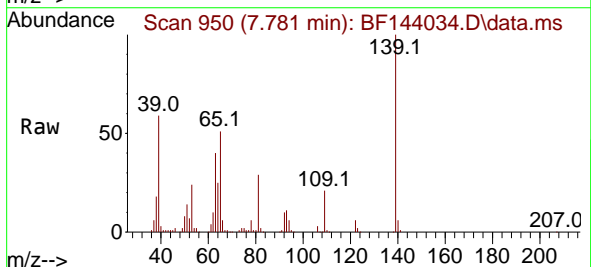
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.1	7.7
138	17.1	12.9	19.3



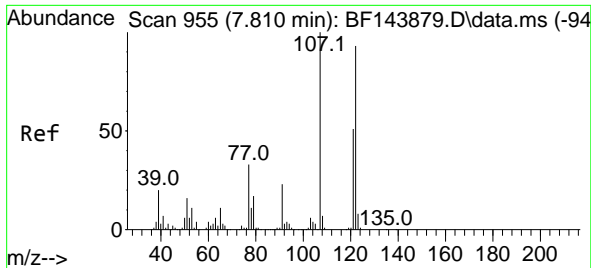
#26  
 2-Nitrophenol  
 Concen: 53.231 ng  
 RT: 7.781 min Scan# 950  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 139 Resp: 191765

Ion	Ratio	Lower	Upper
139	100		
109	20.9	19.8	29.6
65	50.7	42.9	64.3







#27  
 2,4-Dimethylphenol  
 Concen: 48.029 ng  
 RT: 7.816 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

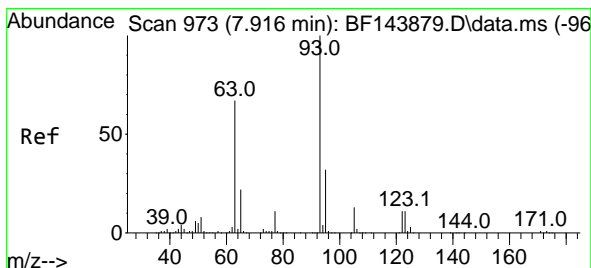
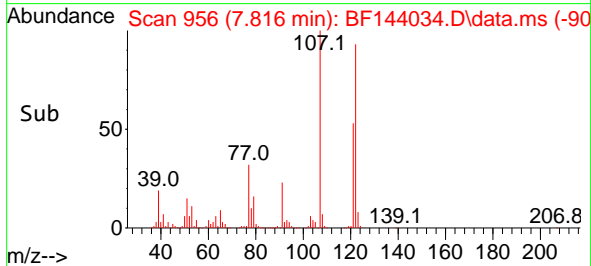
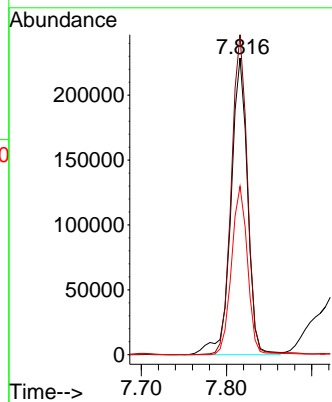
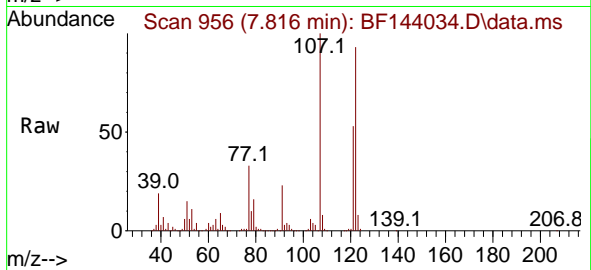
Instrument :

BNA\_F

Client SampleId :

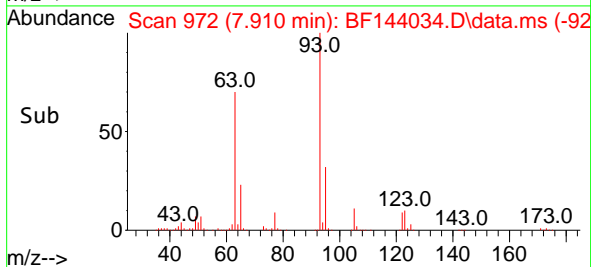
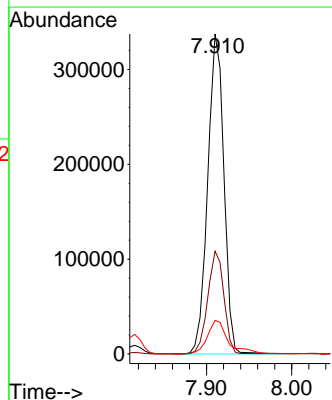
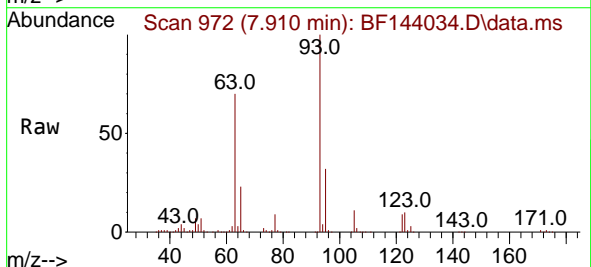
PB170180BS

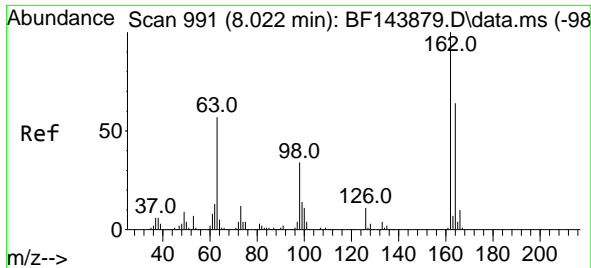
Tgt Ion:122 Resp: 311248  
 Ion Ratio Lower Upper  
 122 100  
 107 107.9 86.1 129.1  
 121 56.8 43.8 65.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.311 ng  
 RT: 7.910 min Scan# 972  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 93 Resp: 446575  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 25.9 38.9  
 123 10.5 9.4 14.0



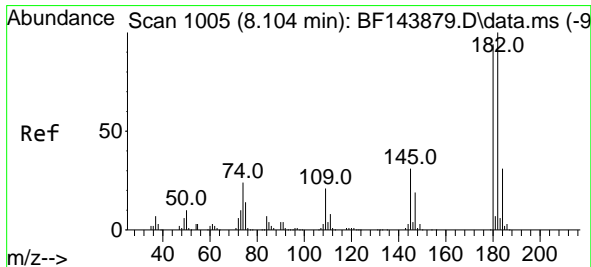
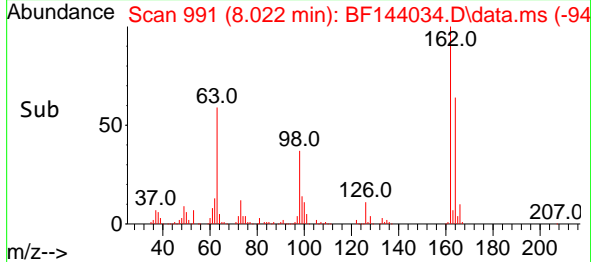
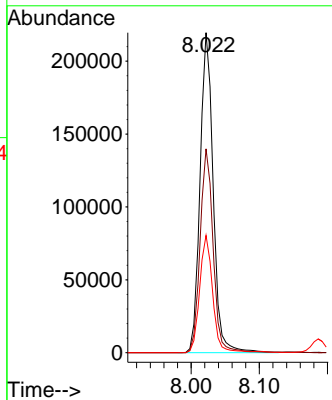
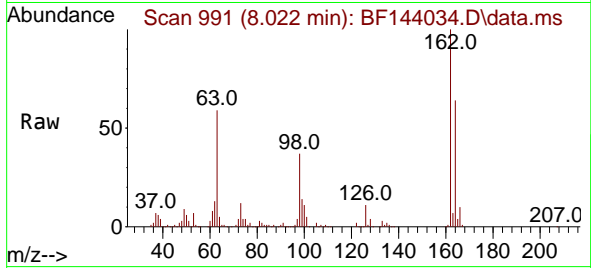


#29  
 2,4-Dichlorophenol  
 Concen: 43.509 ng  
 RT: 8.022 min Scan# 991  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS

Tgt Ion:162 Resp: 293698

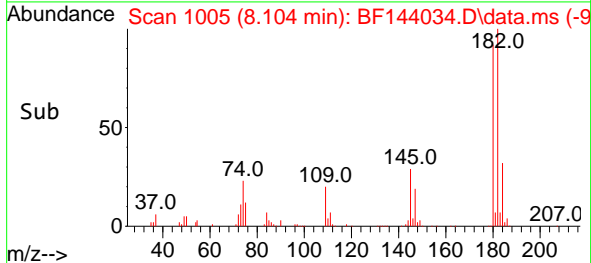
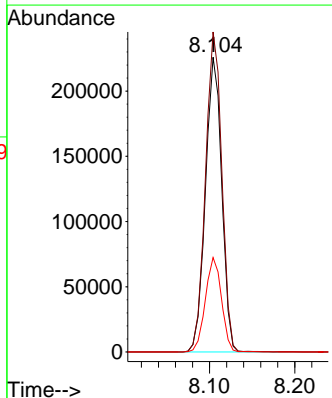
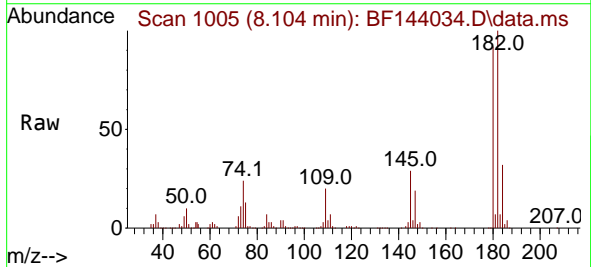
Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	36.7	14.4	54.4

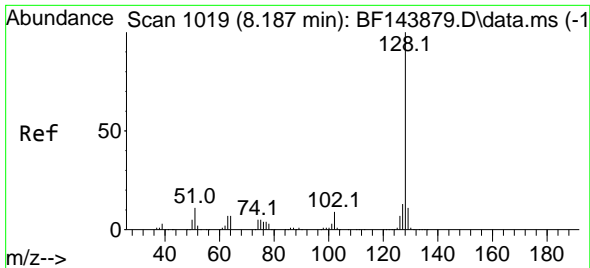


#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.212 ng  
 RT: 8.104 min Scan# 1005  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:180 Resp: 300150

Ion	Ratio	Lower	Upper
180	100		
182	108.6	85.4	128.0
145	32.0	26.3	39.5



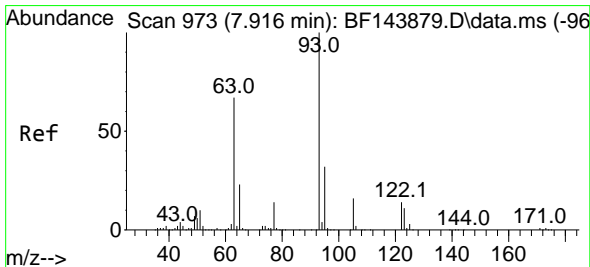
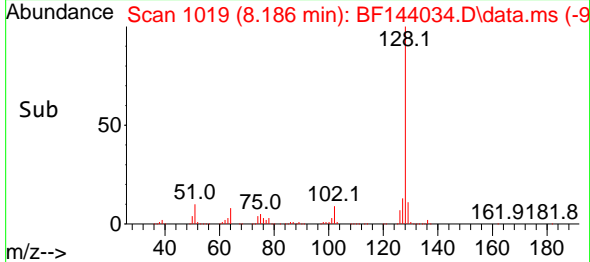
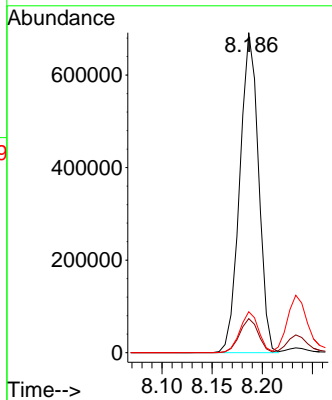
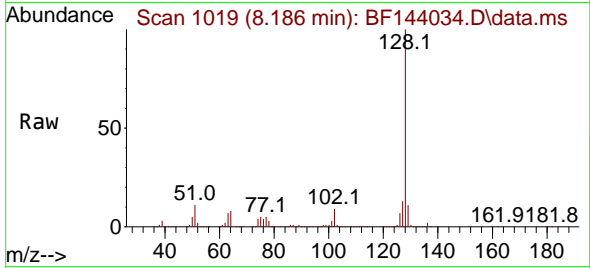


#31  
 Naphthalene  
 Concen: 43.074 ng  
 RT: 8.186 min Scan# 1019  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS

Tgt Ion:128 Resp: 900753

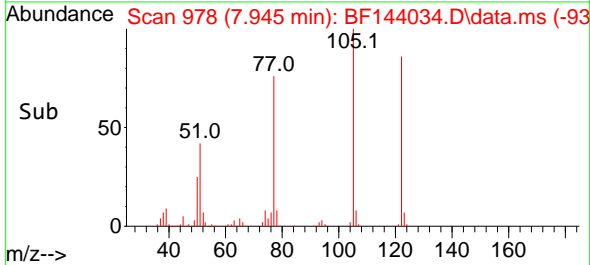
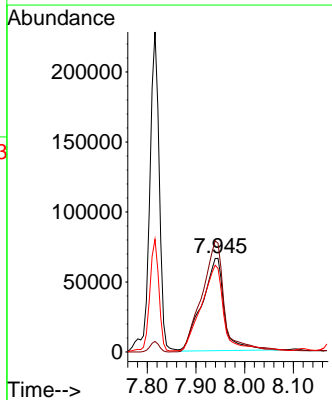
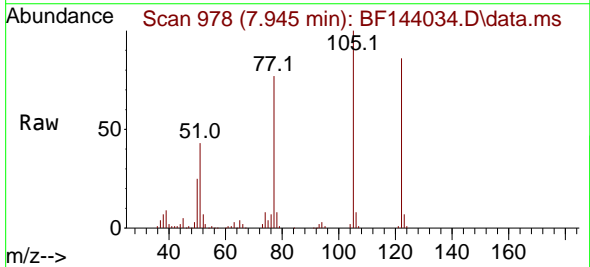
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.8	10.0	15.0

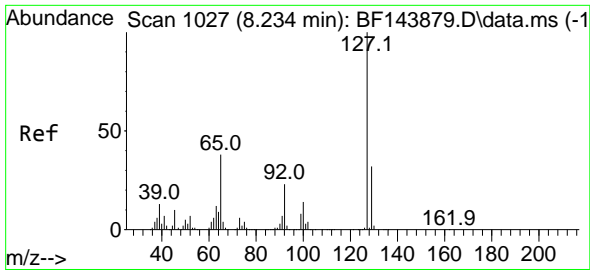


#32  
 Benzoic acid  
 Concen: 46.887 ng  
 RT: 7.945 min Scan# 978  
 Delta R.T. -0.018 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:122 Resp: 210289

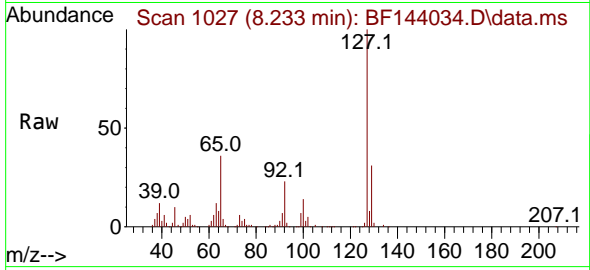
Ion	Ratio	Lower	Upper
122	100		
105	116.2	93.5	133.5
77	89.2	76.3	116.3





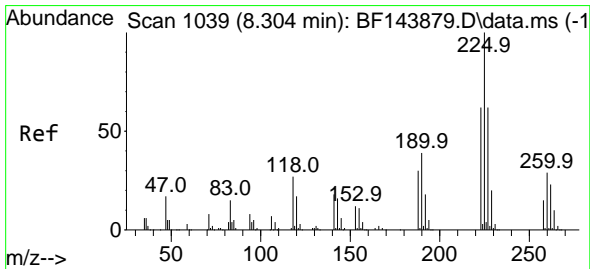
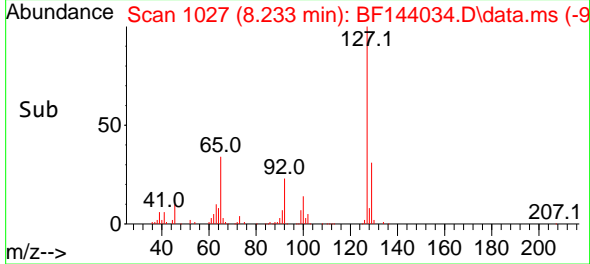
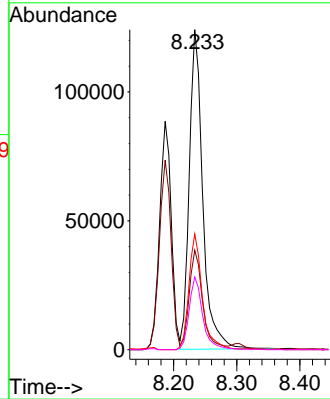
#33  
 4-Chloroaniline  
 Concen: 23.505 ng  
 RT: 8.233 min Scan# 1027  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS



Tgt Ion:127 Resp: 184345

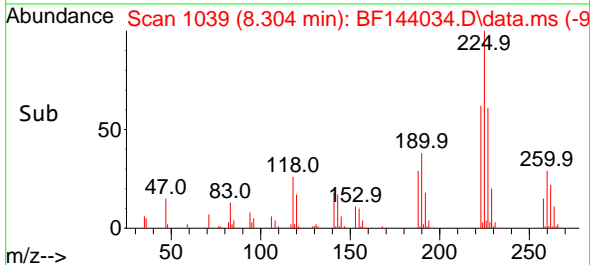
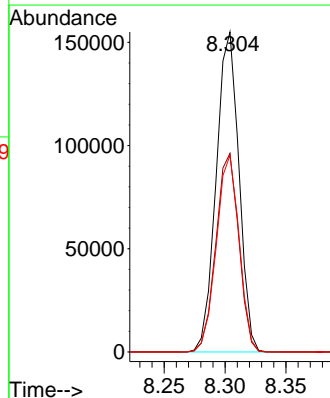
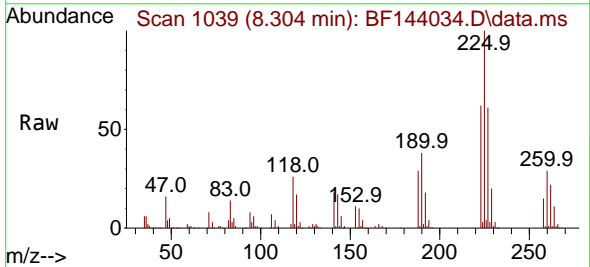
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.8
65	36.2	30.0	45.0
92	22.7	18.2	27.2

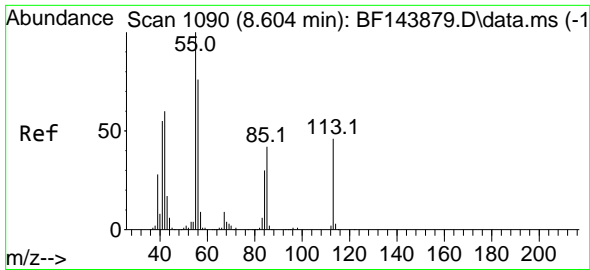


#34  
 Hexachlorobutadiene  
 Concen: 43.672 ng  
 RT: 8.304 min Scan# 1039  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:225 Resp: 201469

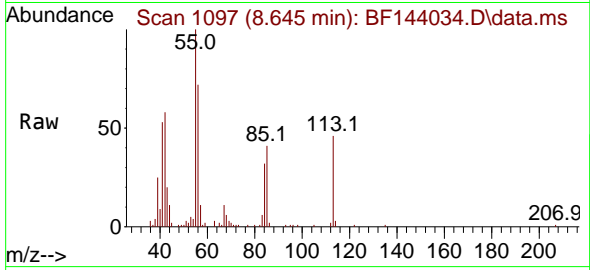
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	61.5	49.7	74.5



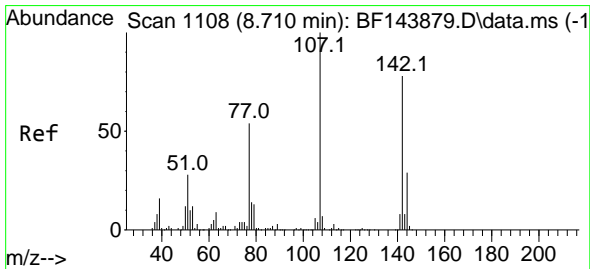
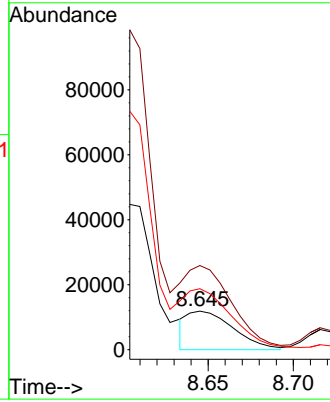
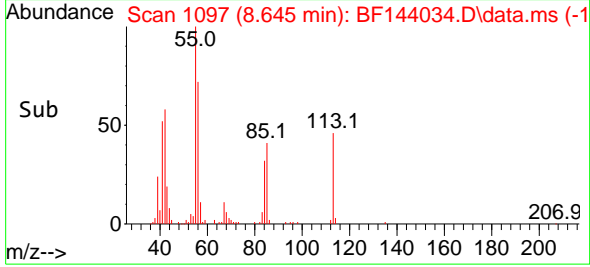


#35  
 Caprolactam  
 Concen: 10.421 ng  
 RT: 8.645 min Scan# 1097  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

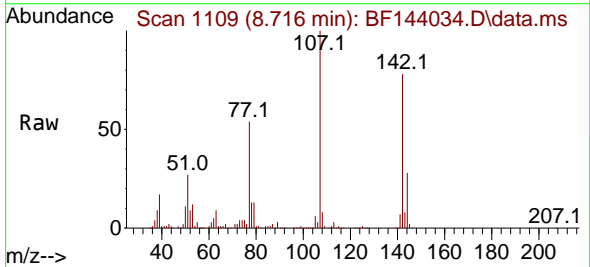
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



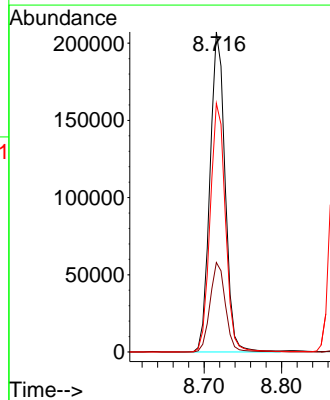
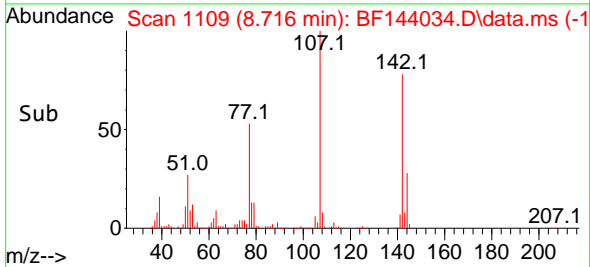
Tgt Ion:113 Resp: 22367  
 Ion Ratio Lower Upper  
 113 100  
 55 218.3 199.6 239.6  
 56 158.0 146.0 186.0

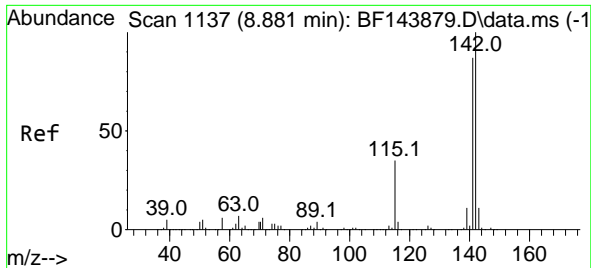


#36  
 4-Chloro-3-methylphenol  
 Concen: 43.358 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:107 Resp: 281138  
 Ion Ratio Lower Upper  
 107 100  
 144 28.0 23.1 34.7  
 142 77.7 62.6 94.0

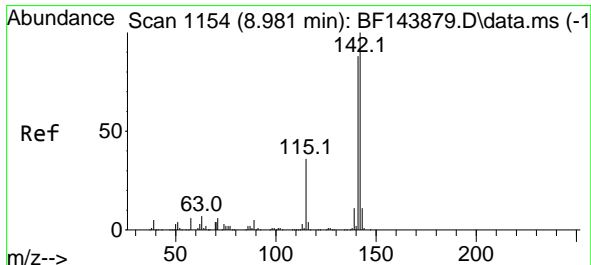
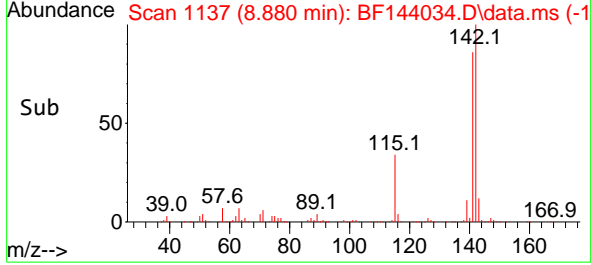
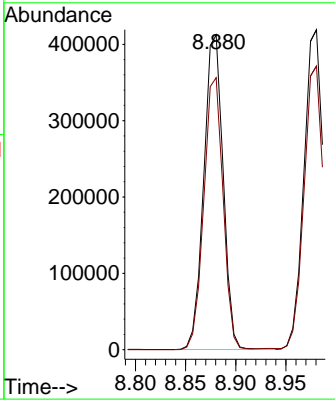
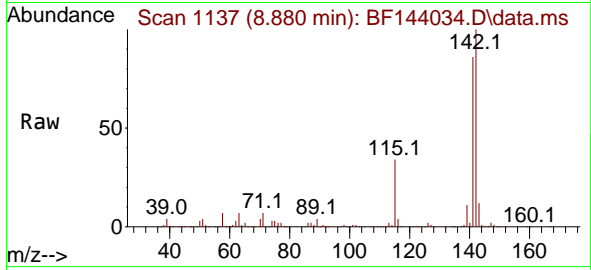




#37  
 2-Methylnaphthalene  
 Concen: 39.734 ng  
 RT: 8.880 min Scan# 1113  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

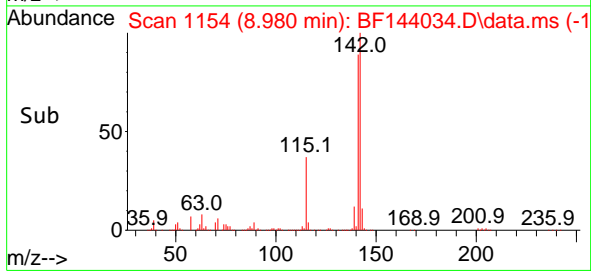
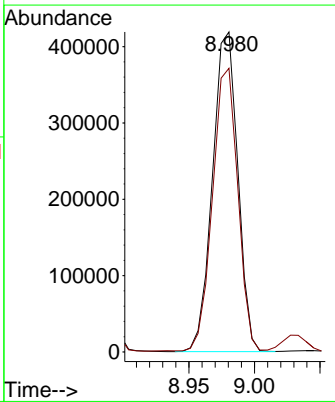
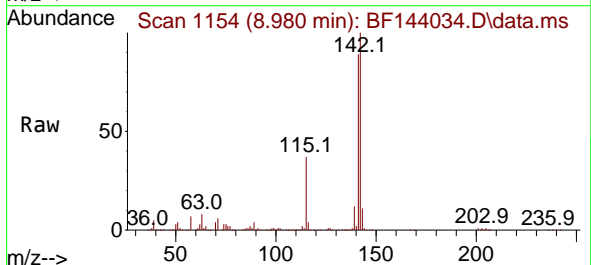
Instrument : BNA\_F  
 Client Sample Id : PB170180BS

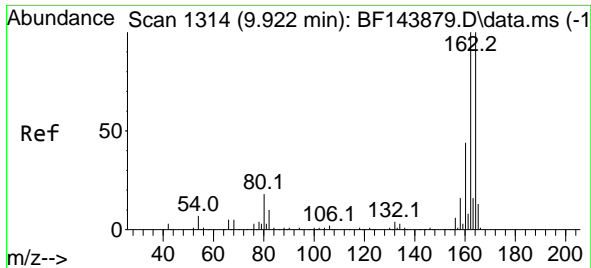
Tgt Ion:142 Resp: 553486  
 Ion Ratio Lower Upper  
 142 100  
 141 86.4 69.2 103.8



#38  
 1-Methylnaphthalene  
 Concen: 41.537 ng  
 RT: 8.980 min Scan# 1154  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:142 Resp: 561229  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 70.8 106.2





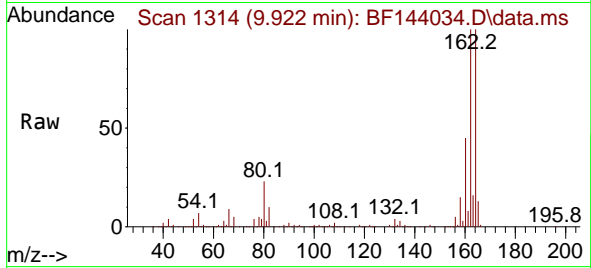
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.922 min Scan# 1115  
 Delta R.T. -0.005 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :

BNA\_F

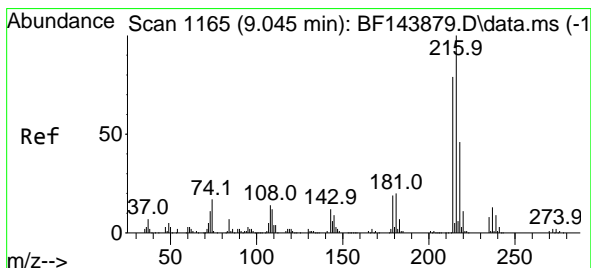
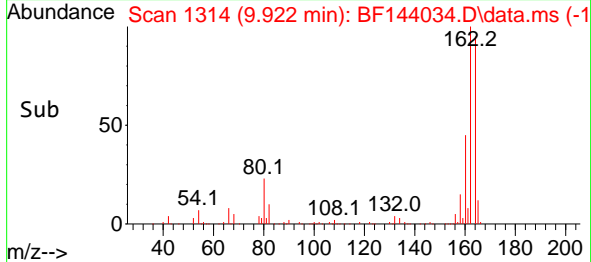
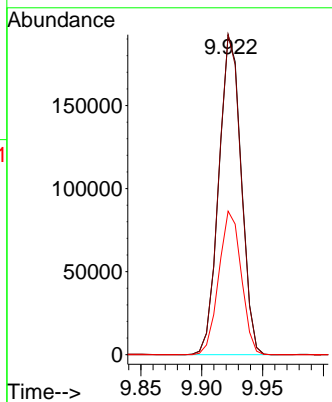
ClientSampleId :

PB170180BS



Tgt Ion:164 Resp: 246572

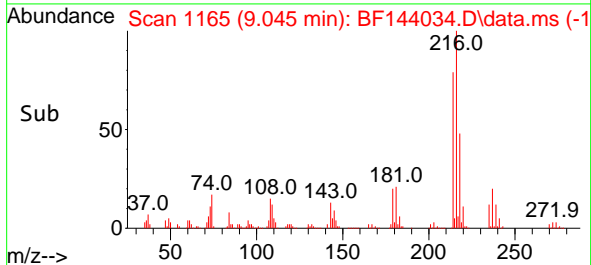
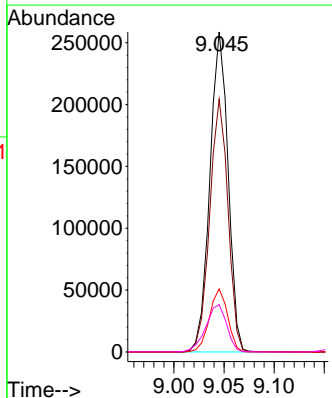
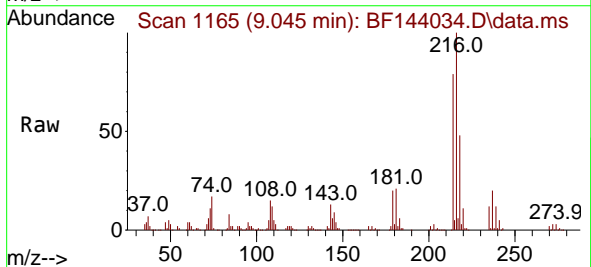
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.8	35.4	53.0

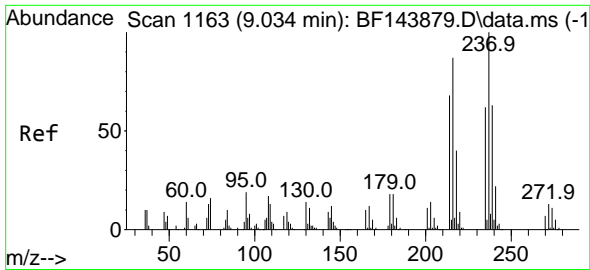


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.997 ng  
 RT: 9.045 min Scan# 1165  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:216 Resp: 327097

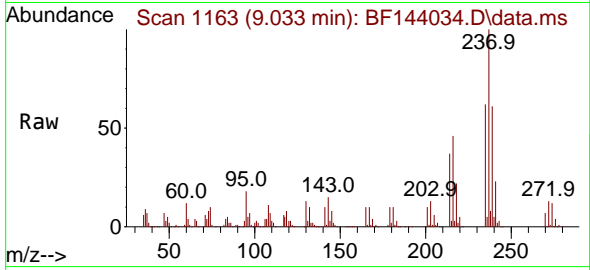
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	94.0
179	19.8	15.4	23.0
108	17.0	12.0	18.0



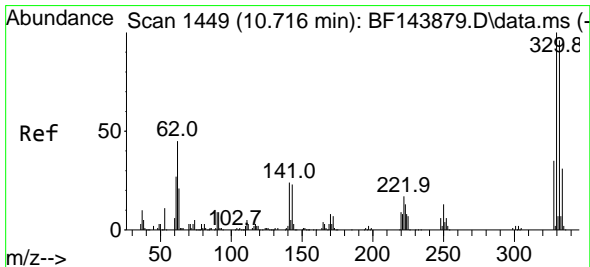
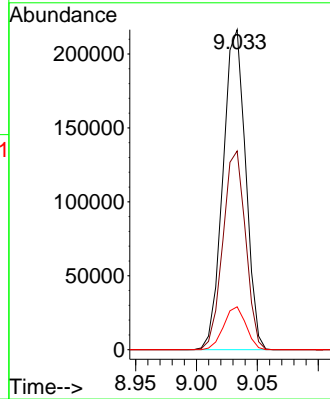
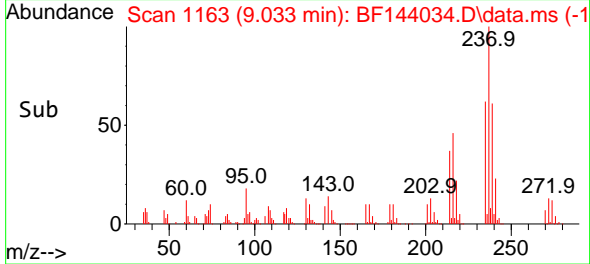


#41  
 Hexachlorocyclopentadiene  
 Concen: 99.056 ng  
 RT: 9.033 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

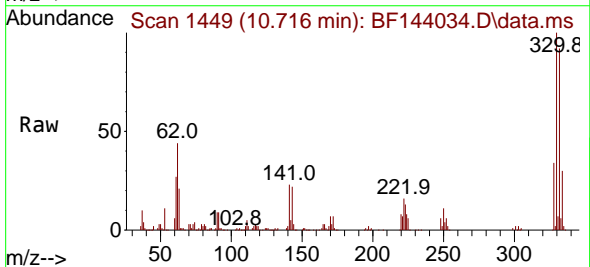
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



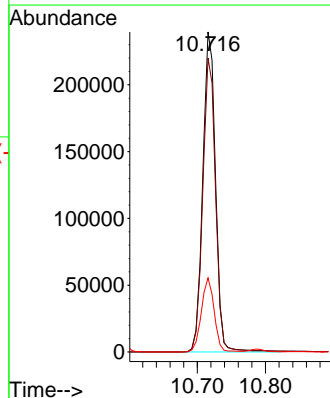
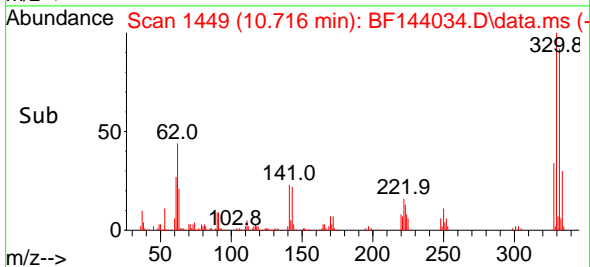
Tgt Ion:237 Resp: 280053  
 Ion Ratio Lower Upper  
 237 100  
 235 62.1 42.3 82.3  
 272 13.4 0.0 33.1



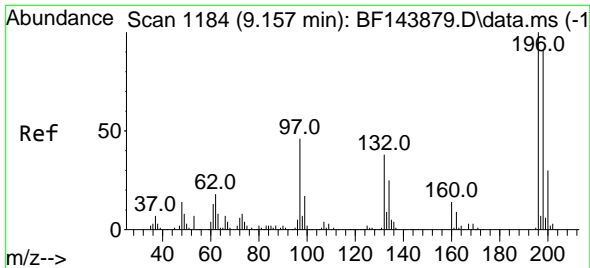
#42  
 2,4,6-Tribromophenol  
 Concen: 126.987 ng  
 RT: 10.716 min Scan# 1449  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:330 Resp: 311869  
 Ion Ratio Lower Upper  
 330 100  
 332 92.5 76.9 115.3  
 141 23.2 20.2 30.4

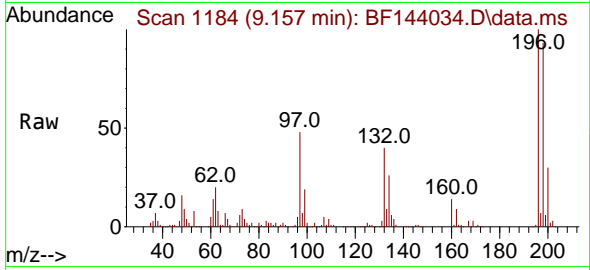




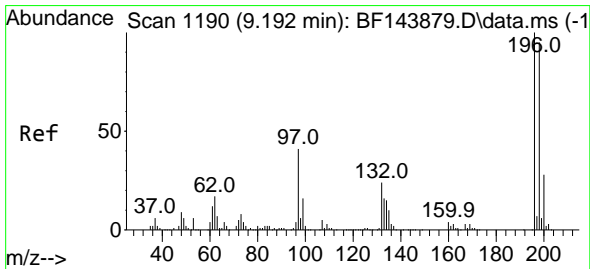
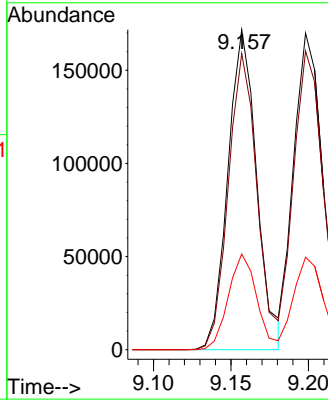
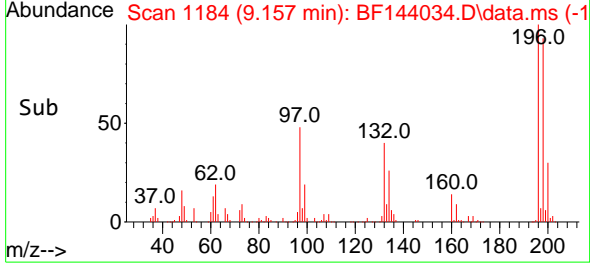


#43  
 2,4,6-Trichlorophenol  
 Concen: 44.535 ng  
 RT: 9.157 min Scan# 1118  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

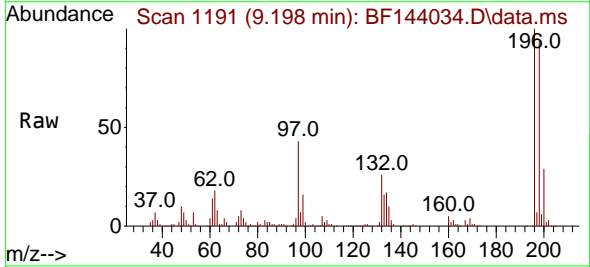
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



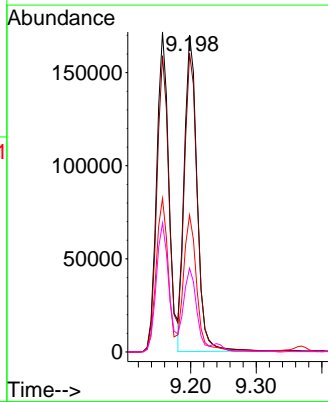
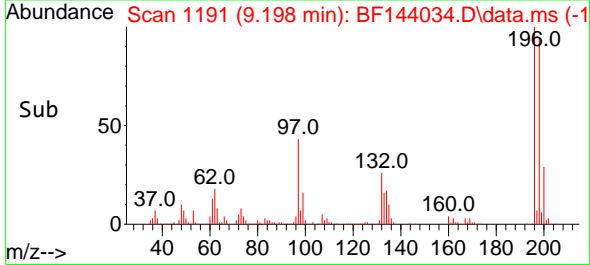
Tgt Ion:196 Resp: 221755  
 Ion Ratio Lower Upper  
 196 100  
 198 92.6 72.8 109.2  
 200 29.9 24.0 36.0

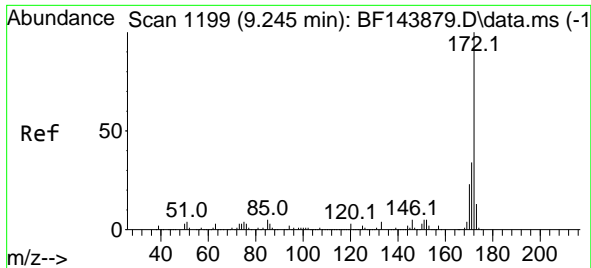


#44  
 2,4,5-Trichlorophenol  
 Concen: 43.543 ng  
 RT: 9.198 min Scan# 1191  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:196 Resp: 229126  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 75.5 113.3  
 97 43.2 33.9 50.9  
 132 26.4 20.0 30.0



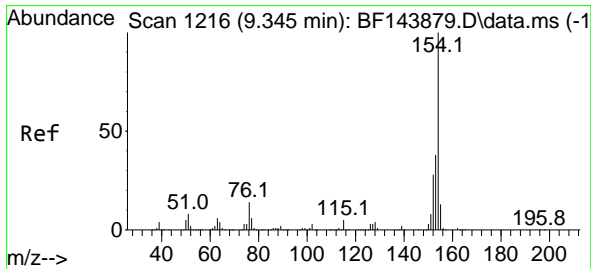
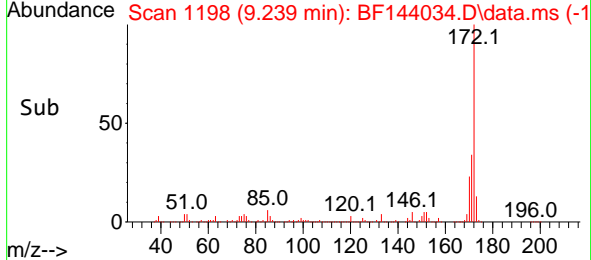
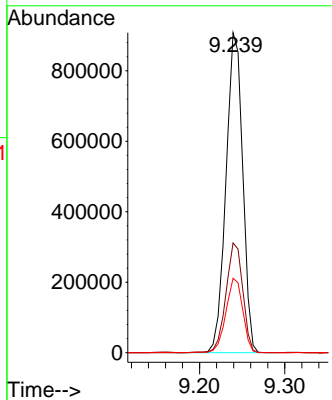
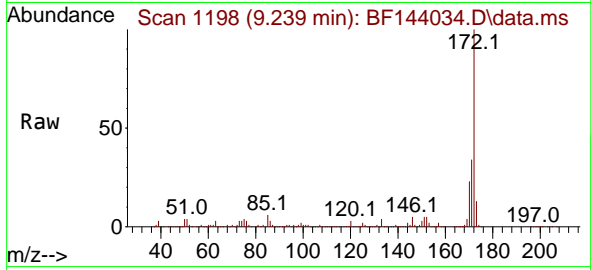


#45  
 2-Fluorobiphenyl  
 Concen: 79.576 ng  
 RT: 9.239 min Scan# 1198  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS

Tgt Ion:172 Resp: 1236577

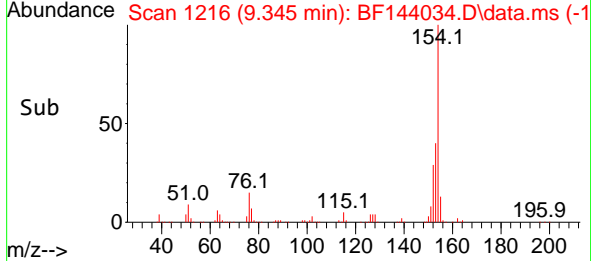
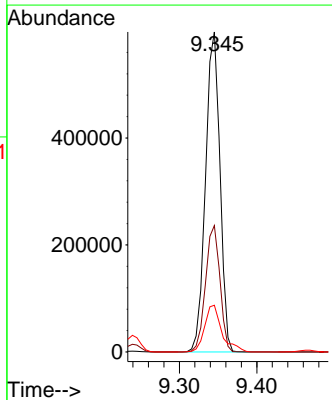
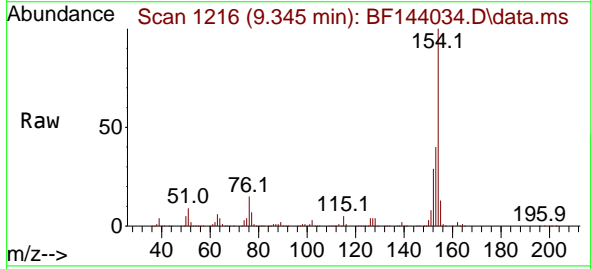
Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.3	18.6	28.0

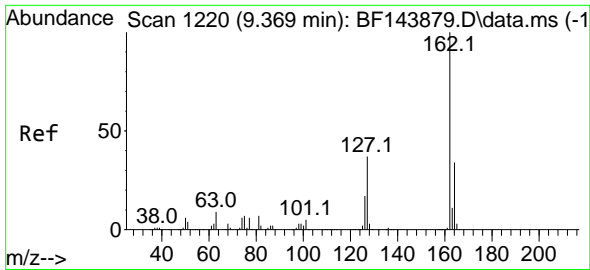


#46  
 1,1'-Biphenyl  
 Concen: 47.382 ng  
 RT: 9.345 min Scan# 1216  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:154 Resp: 773525

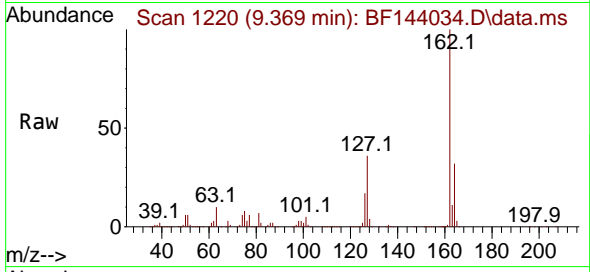
Ion	Ratio	Lower	Upper
154	100		
153	39.5	18.4	58.4
76	14.6	0.0	34.0



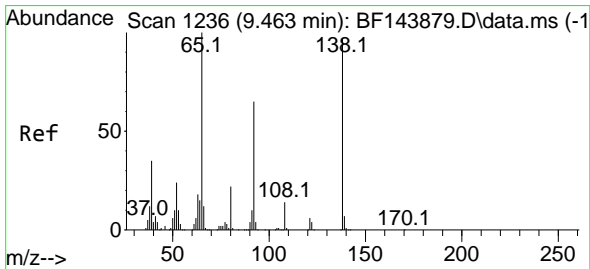
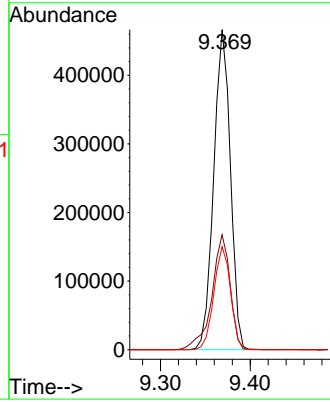
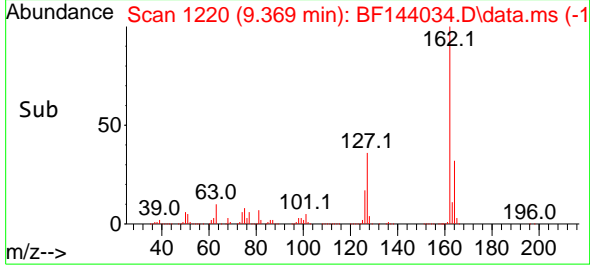


#47  
 2-Chloronaphthalene  
 Concen: 44.221 ng  
 RT: 9.369 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

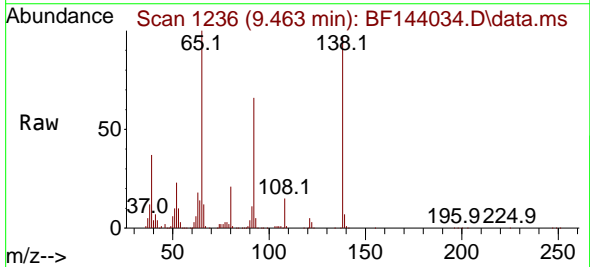
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



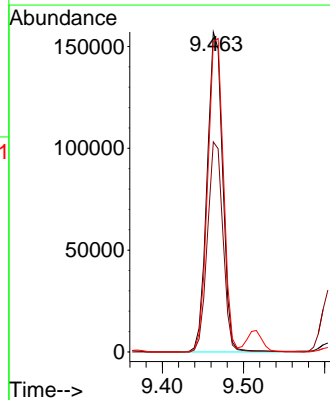
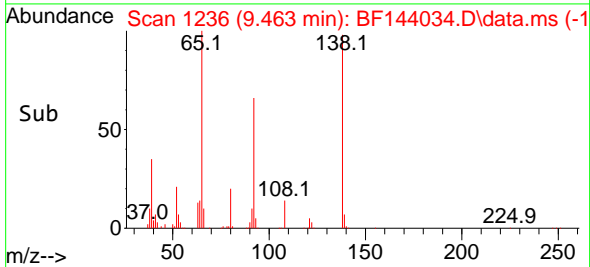
Tgt Ion:162 Resp: 601901  
 Ion Ratio Lower Upper  
 162 100  
 127 35.9 30.2 45.2  
 164 32.2 26.9 40.3

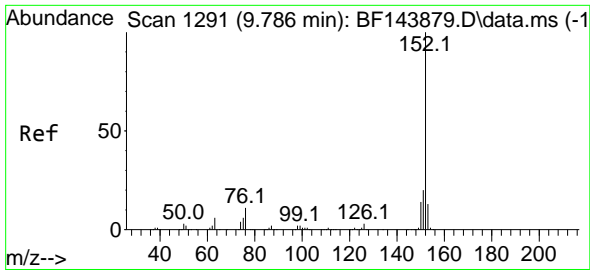


#48  
 2-Nitroaniline  
 Concen: 48.439 ng  
 RT: 9.463 min Scan# 1236  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion: 65 Resp: 208448  
 Ion Ratio Lower Upper  
 65 100  
 92 65.6 52.1 78.1  
 138 97.0 77.4 116.2



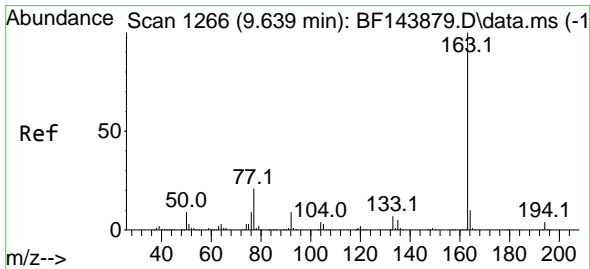
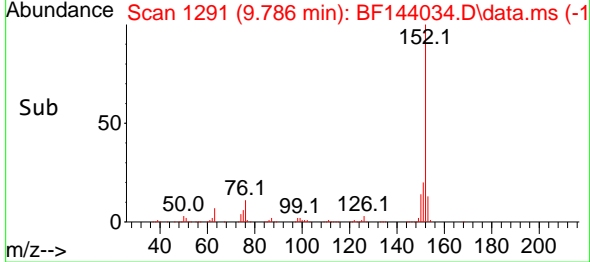
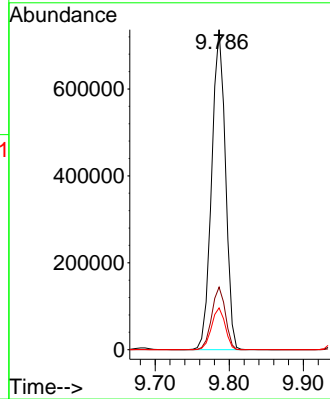
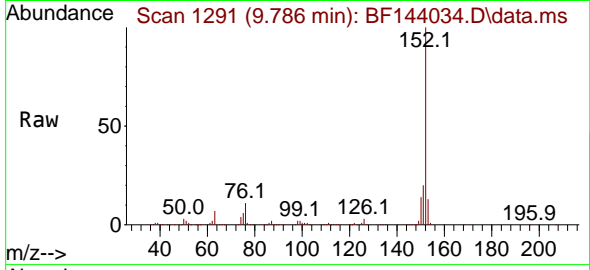


#49  
 Acenaphthylene  
 Concen: 49.554 ng  
 RT: 9.786 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion:152 Resp: 948248

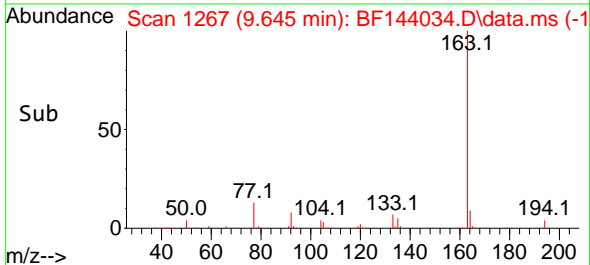
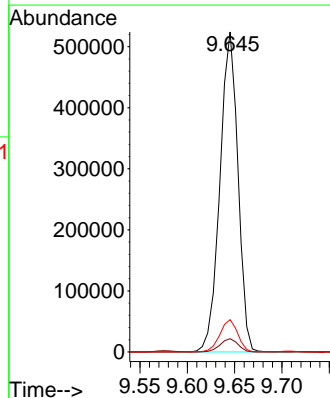
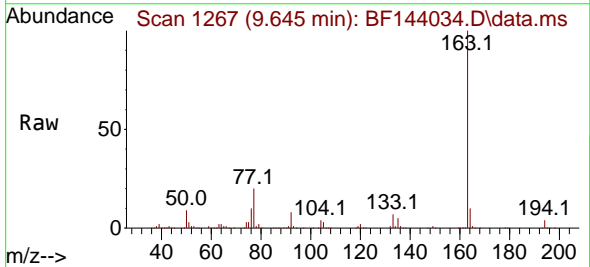
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.5	15.7

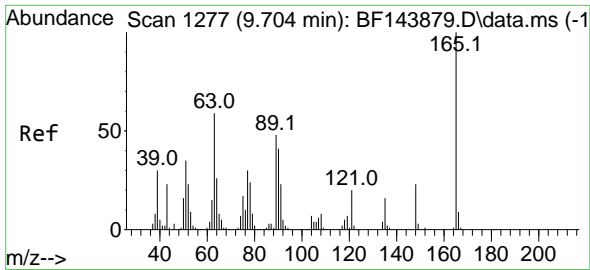


#50  
 Dimethylphthalate  
 Concen: 44.420 ng  
 RT: 9.645 min Scan# 1267  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:163 Resp: 695536

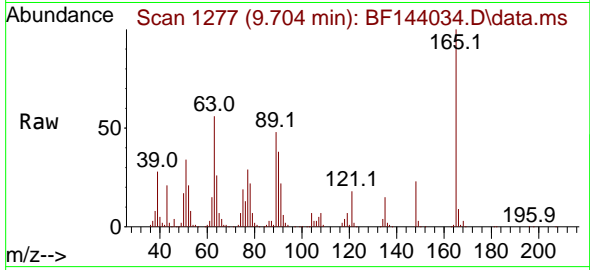
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.1	12.1



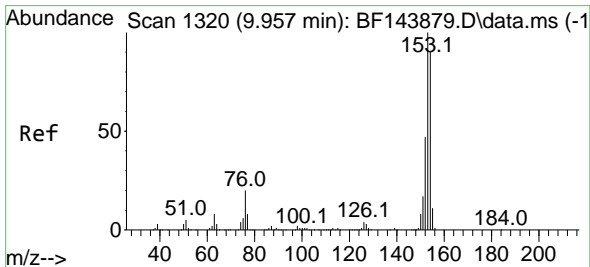
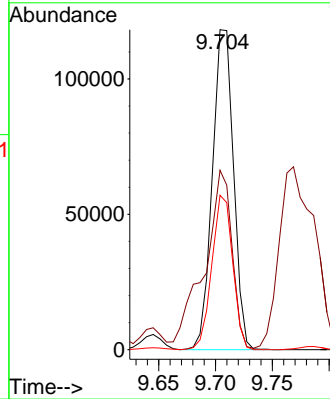
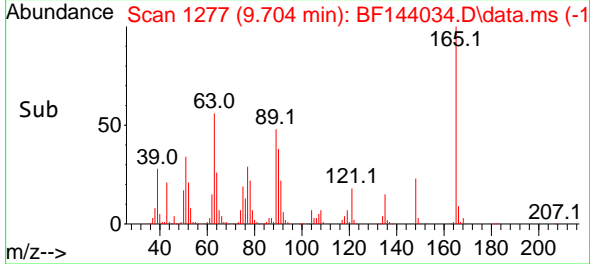


#51  
 2,6-Dinitrotoluene  
 Concen: 52.872 ng  
 RT: 9.704 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

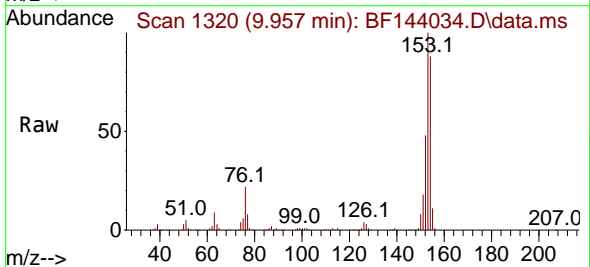
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



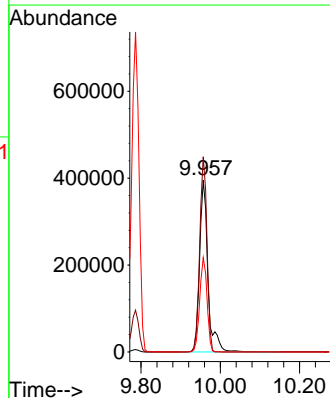
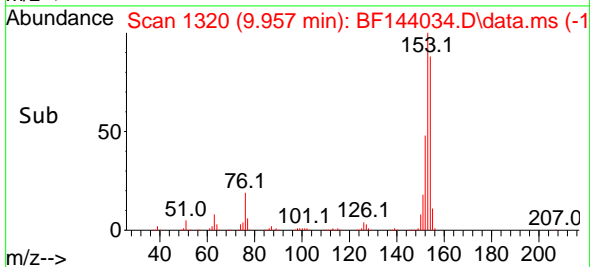
Tgt Ion:165 Resp: 153515  
 Ion Ratio Lower Upper  
 165 100  
 63 56.0 47.3 70.9  
 89 48.3 38.2 57.4

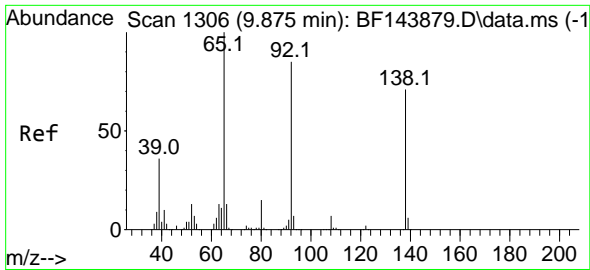


#52  
 Acenaphthene  
 Concen: 45.911 ng  
 RT: 9.957 min Scan# 1320  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



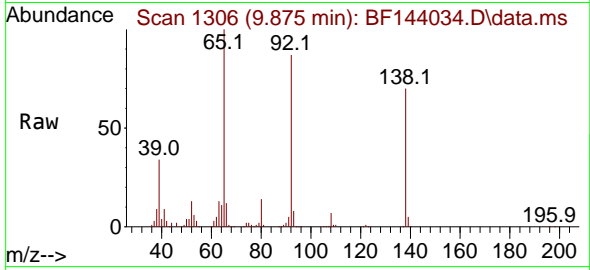
Tgt Ion:154 Resp: 575664  
 Ion Ratio Lower Upper  
 154 100  
 153 113.6 89.3 133.9  
 152 54.8 42.2 63.2



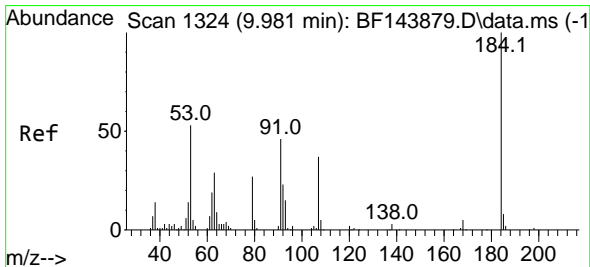
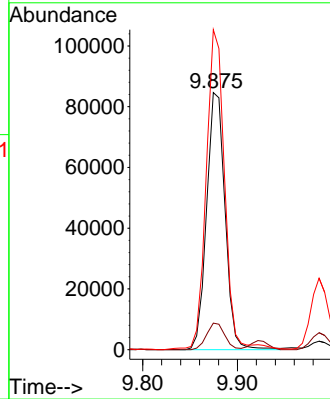
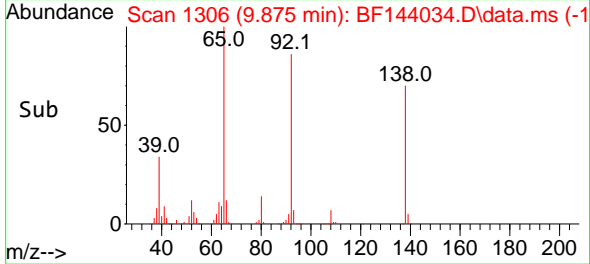


#53  
 3-Nitroaniline  
 Concen: 32.221 ng  
 RT: 9.875 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

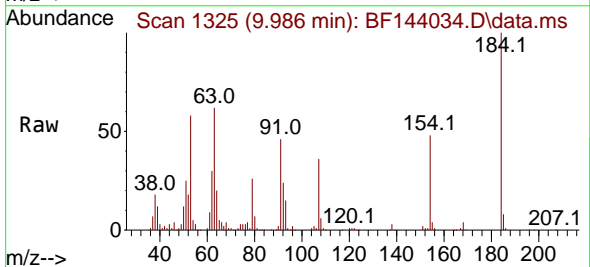
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS



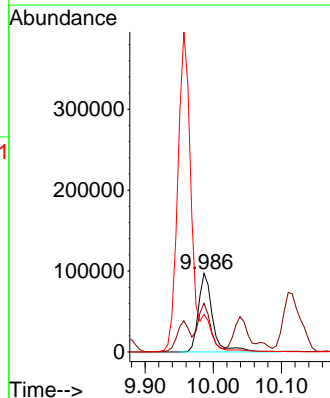
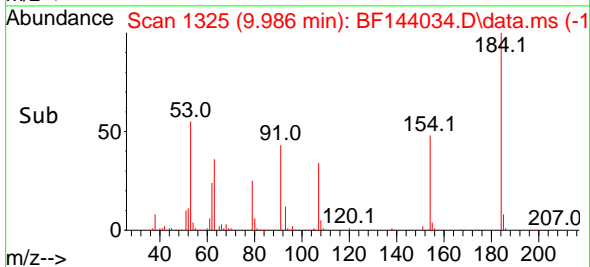
Tgt Ion:138 Resp: 114553  
 Ion Ratio Lower Upper  
 138 100  
 108 10.4 8.3 12.5  
 92 124.5 96.2 144.2

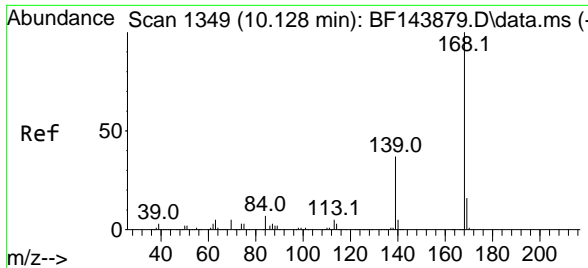


#54  
 2,4-Dinitrophenol  
 Concen: 78.686 ng  
 RT: 9.986 min Scan# 1325  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:184 Resp: 140703  
 Ion Ratio Lower Upper  
 184 100  
 63 62.0 48.2 72.4  
 154 47.9 49.2 73.8#



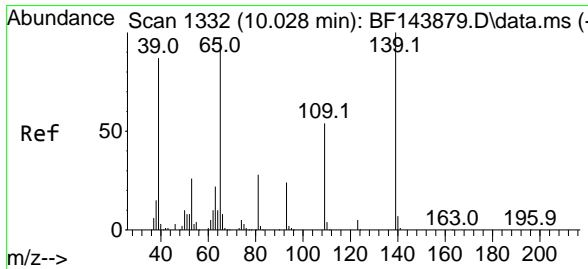
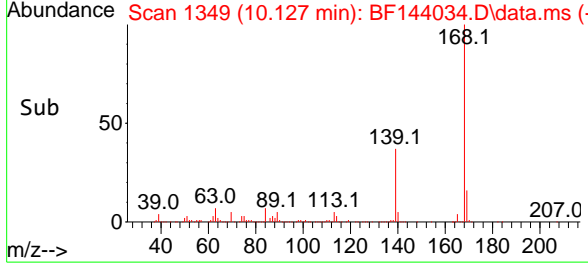
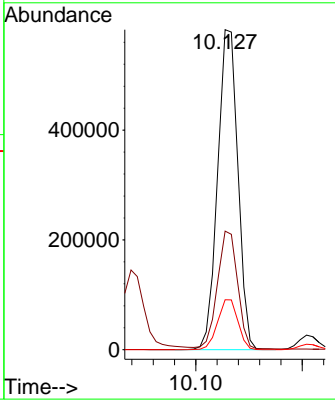
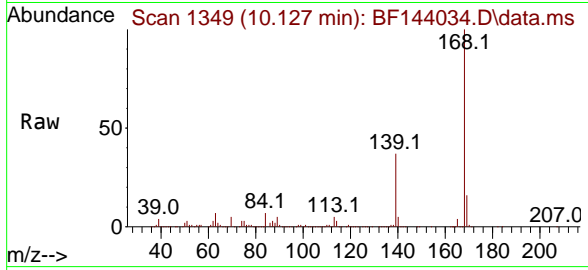


#55  
 Dibenzofuran  
 Concen: 43.513 ng  
 RT: 10.127 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 ClientSampleId : PB170180BS

Tgt Ion:168 Resp: 770168

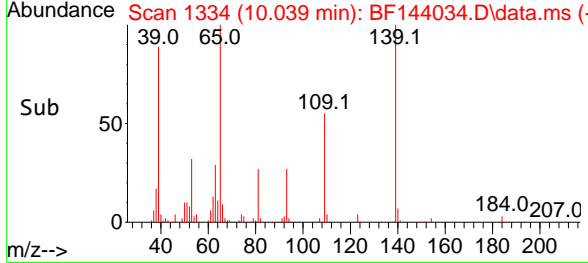
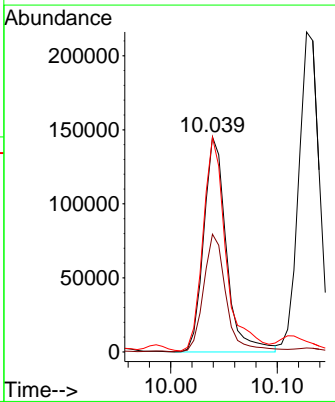
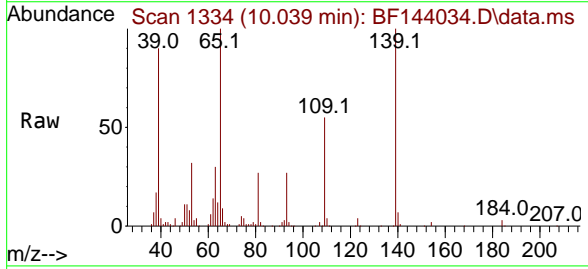
Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.8
169	15.6	12.8	19.2

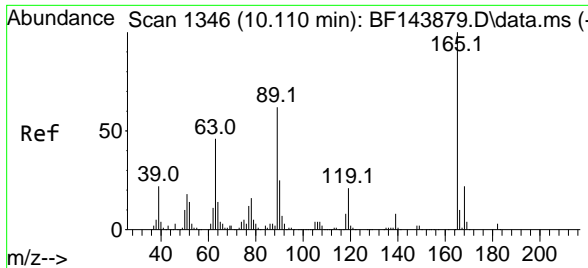


#56  
 4-Nitrophenol  
 Concen: 79.453 ng  
 RT: 10.039 min Scan# 1334  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:139 Resp: 213879

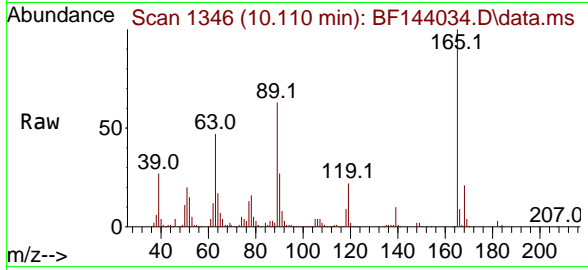
Ion	Ratio	Lower	Upper
139	100		
109	54.8	34.5	74.5
65	99.9	77.6	117.6





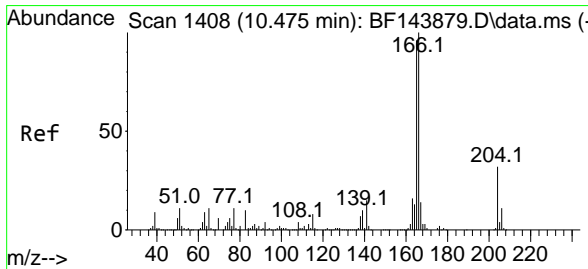
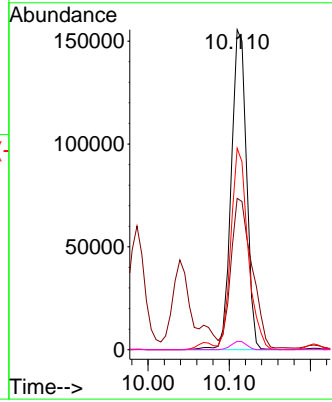
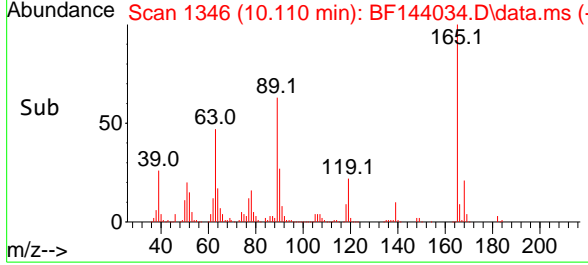
#57  
 2,4-Dinitrotoluene  
 Concen: 51.399 ng  
 RT: 10.110 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

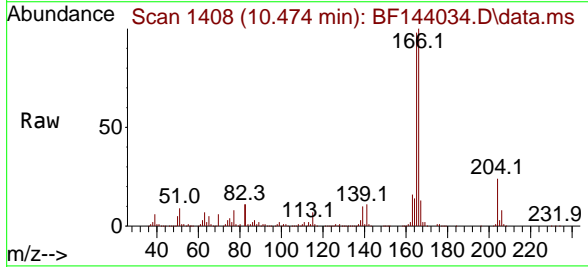


Tgt Ion:165 Resp: 203059

Ion	Ratio	Lower	Upper
165	100		
63	47.3	37.2	55.8
89	63.0	49.4	74.2
182	2.6	2.1	3.1

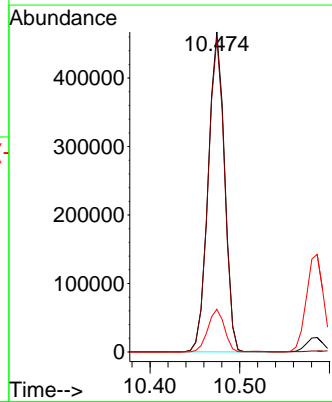
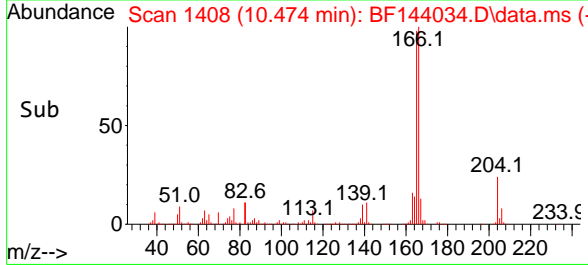


#58  
 Fluorene  
 Concen: 44.357 ng  
 RT: 10.474 min Scan# 1408  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

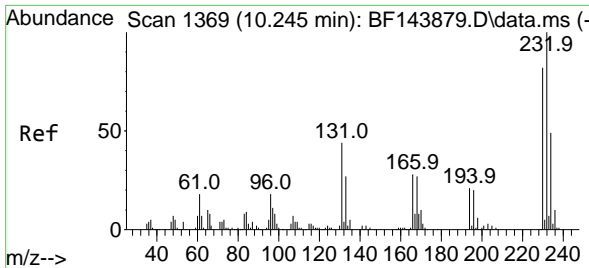


Tgt Ion:166 Resp: 592420

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.0	115.6
167	13.4	11.1	16.7



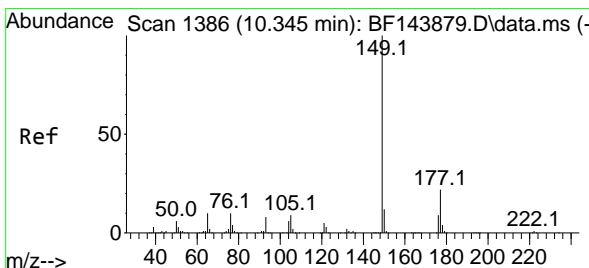
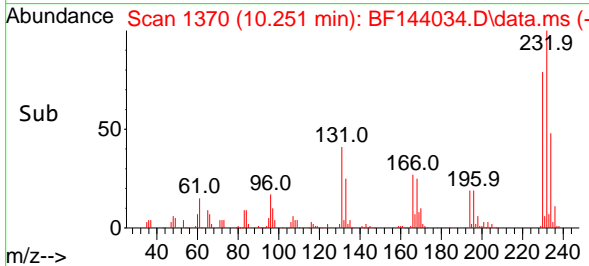
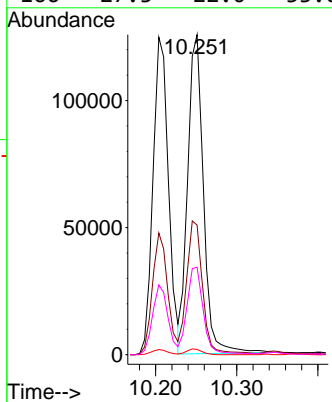
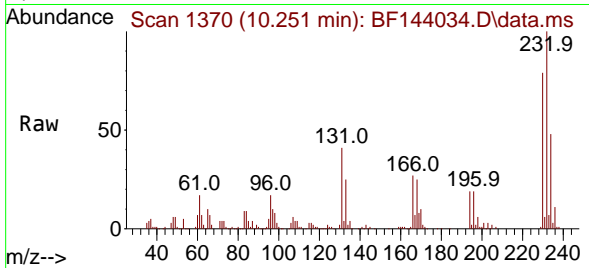




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.739 ng  
 RT: 10.251 min Scan# 1370  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

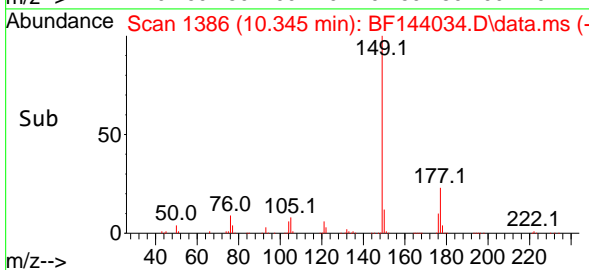
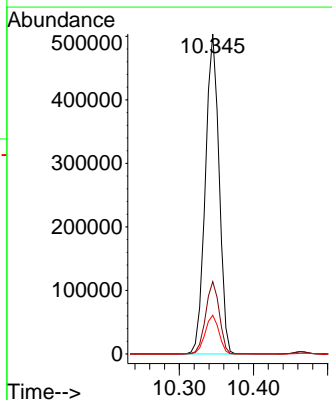
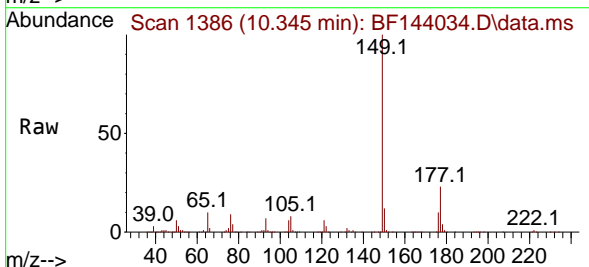
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

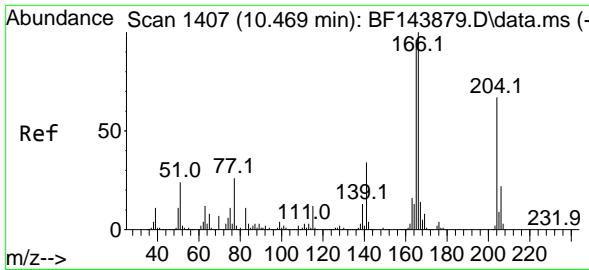
Tgt Ion:232 Resp: 170373  
 Ion Ratio Lower Upper  
 232 100  
 131 42.0 34.9 52.3  
 130 1.7 1.6 2.4  
 166 27.3 22.0 33.0



#60  
 Diethylphthalate  
 Concen: 44.534 ng  
 RT: 10.345 min Scan# 1386  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:149 Resp: 647831  
 Ion Ratio Lower Upper  
 149 100  
 177 22.6 17.9 26.9  
 150 12.1 9.8 14.8



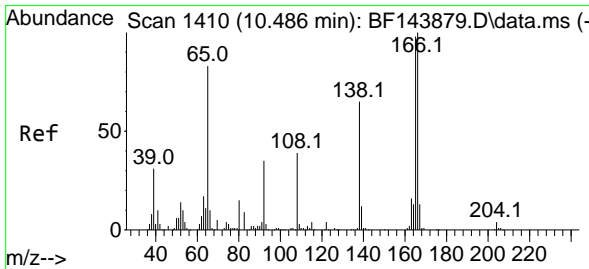
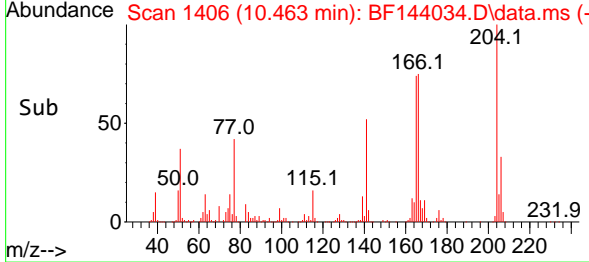
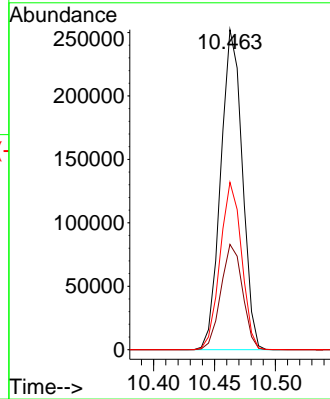
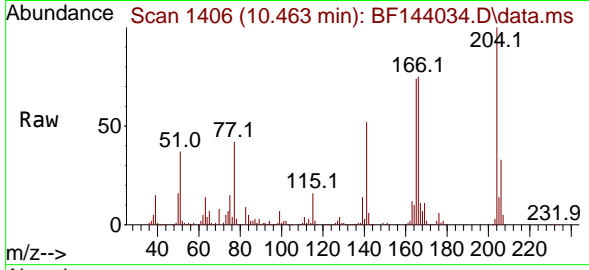


#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.073 ng  
 RT: 10.463 min Scan# 1406  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion: 204 Resp: 311202

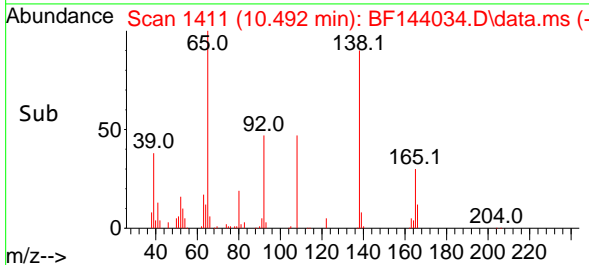
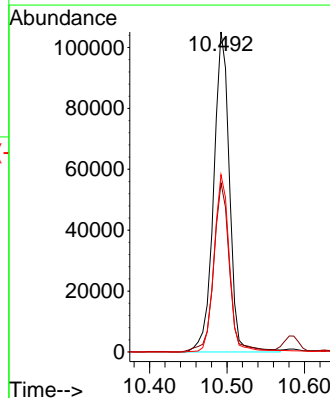
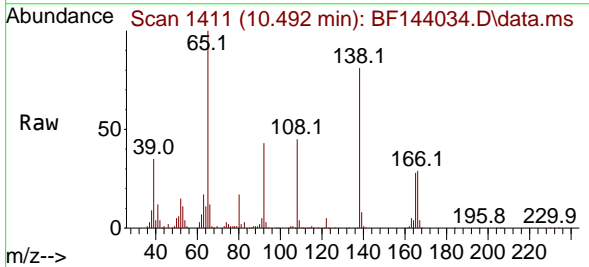
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	52.3	40.4	60.6

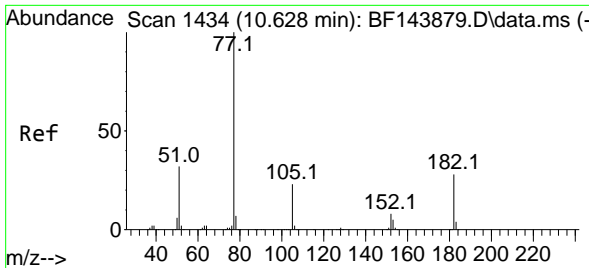


#62  
 4-Nitroaniline  
 Concen: 43.698 ng  
 RT: 10.492 min Scan# 1411  
 Delta R.T. -0.018 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 138 Resp: 149396

Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.9	73.9
108	55.4	40.2	80.2



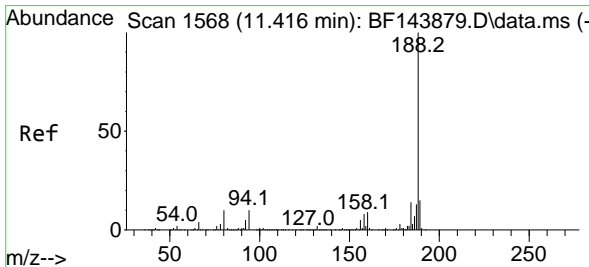
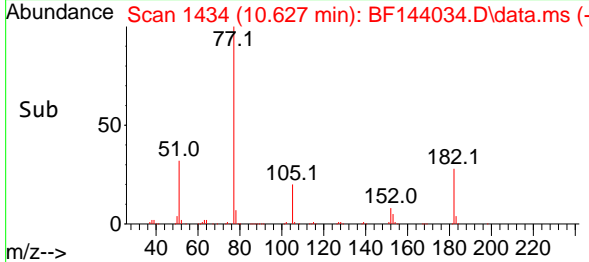
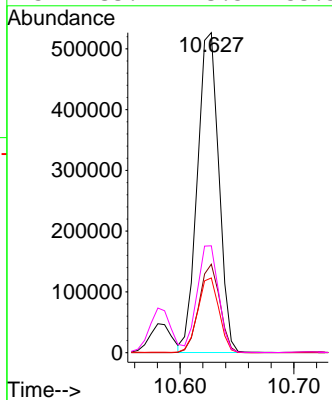
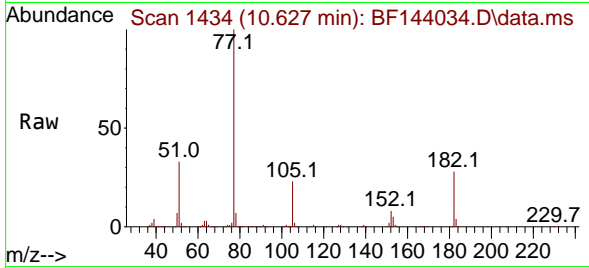


#63  
 Azobenzene  
 Concen: 45.371 ng  
 RT: 10.627 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion: 77 Resp: 689787

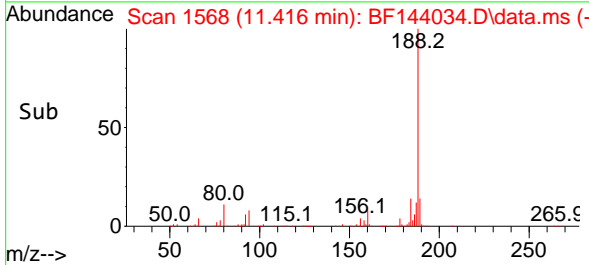
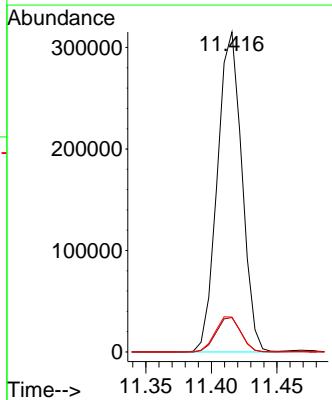
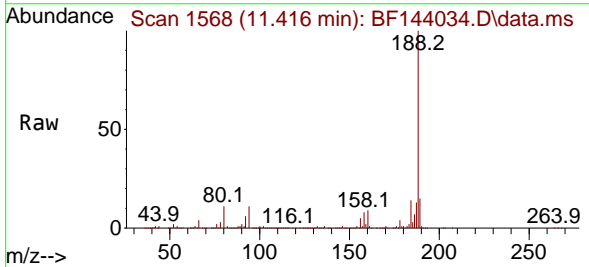
Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.3	47.3
105	23.4	3.0	43.0
51	33.4	13.5	53.5

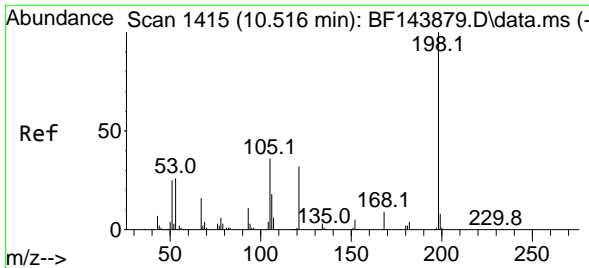


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.416 min Scan# 1568  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 188 Resp: 409864

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	10.9	7.9	11.9

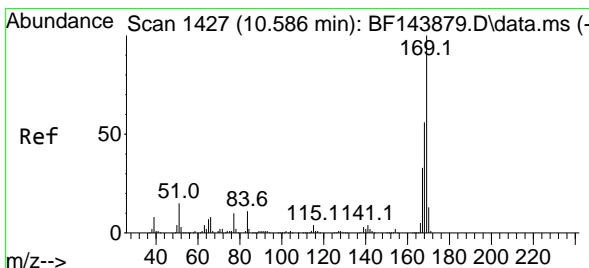
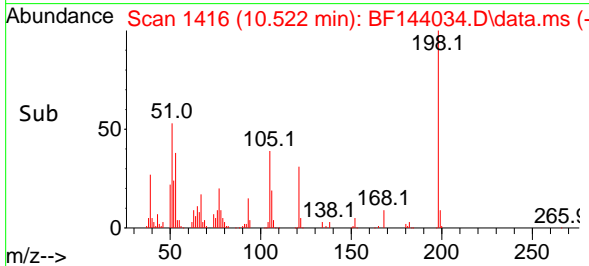
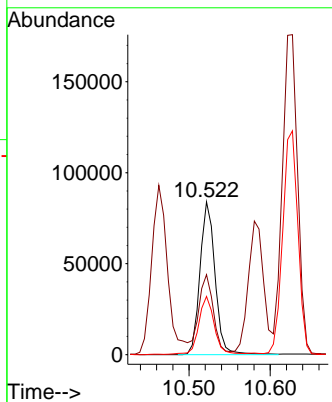
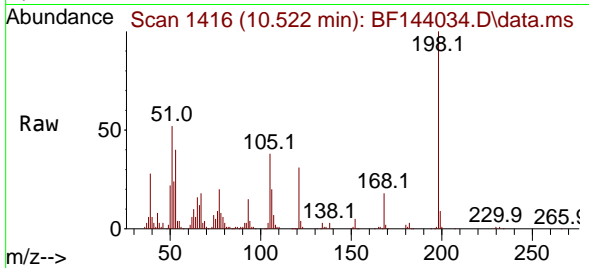




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 52.568 ng  
 RT: 10.522 min Scan# 1415  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

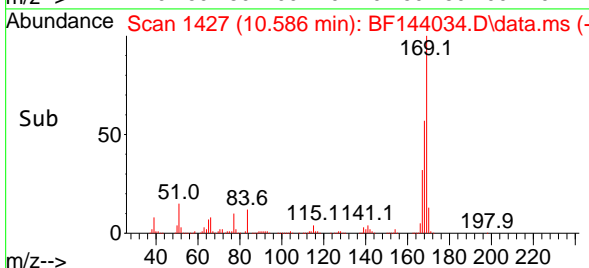
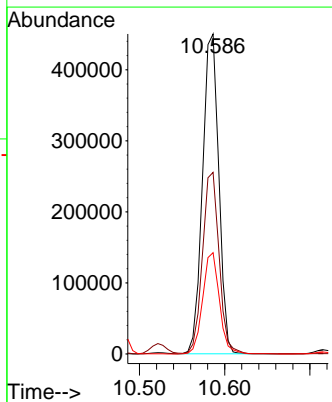
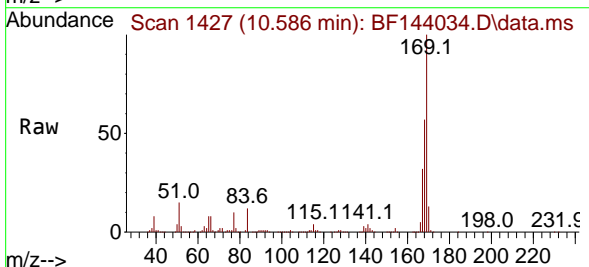
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

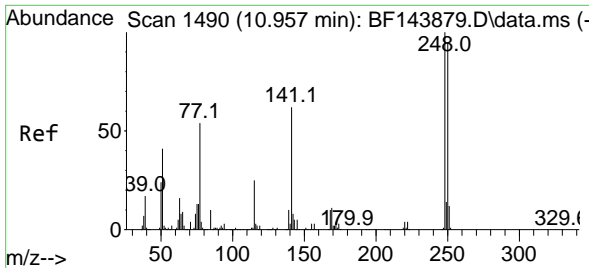
Tgt Ion:198 Resp: 108273  
 Ion Ratio Lower Upper  
 198 100  
 51 52.3 33.8 73.8  
 105 38.1 17.0 57.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 46.319 ng  
 RT: 10.586 min Scan# 1427  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:169 Resp: 596101  
 Ion Ratio Lower Upper  
 169 100  
 168 56.8 44.9 67.3  
 167 31.6 26.3 39.5



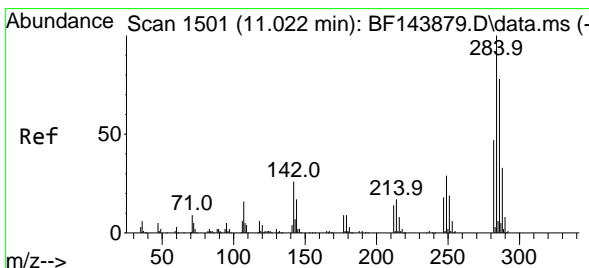
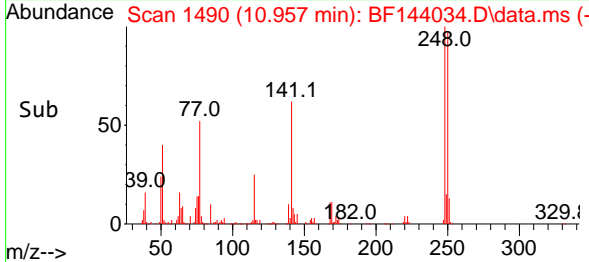
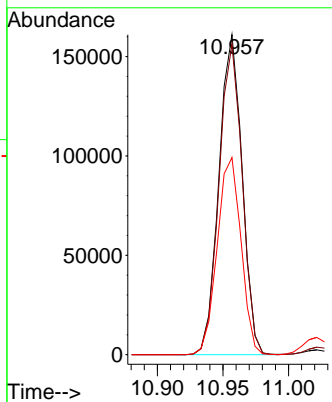
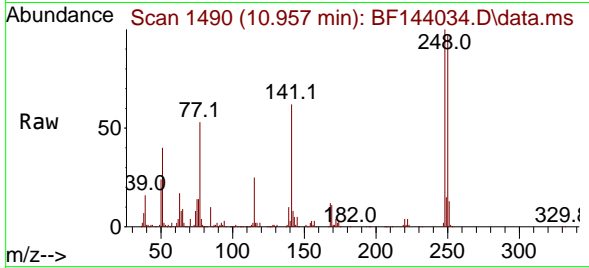


#67  
 4-Bromophenyl-phenylether  
 Concen: 43.730 ng  
 RT: 10.957 min Scan# 1490  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 ClientSampleId : PB170180BS

Tgt Ion: 248 Resp: 198082

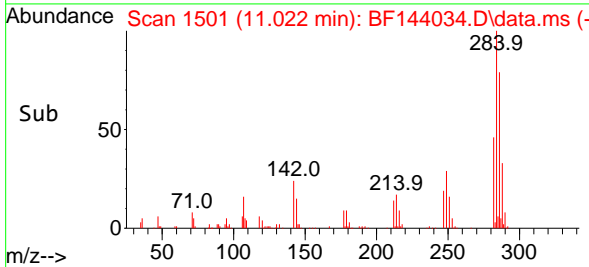
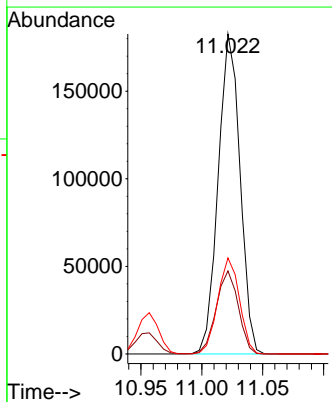
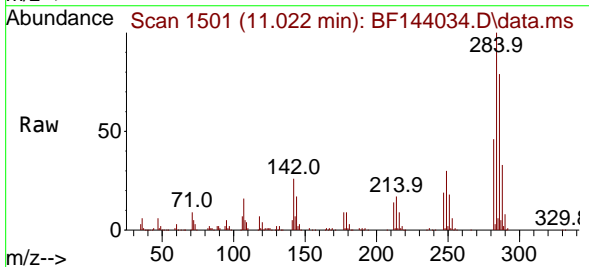
Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	61.6	49.7	74.5

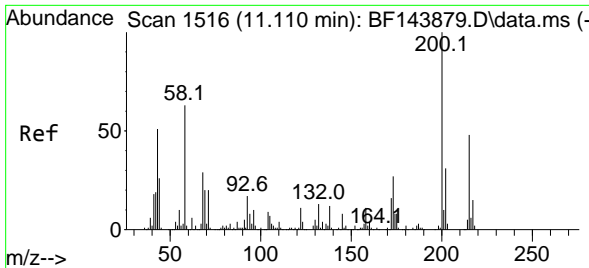


#68  
 Hexachlorobenzene  
 Concen: 43.465 ng  
 RT: 11.022 min Scan# 1501  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 284 Resp: 227930

Ion	Ratio	Lower	Upper
284	100		
142	25.9	20.6	30.8
249	30.0	23.2	34.8



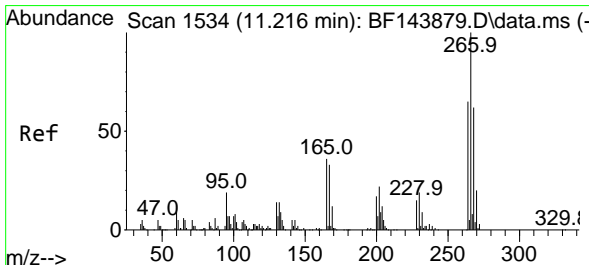
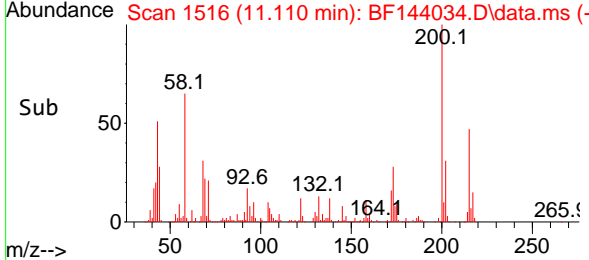
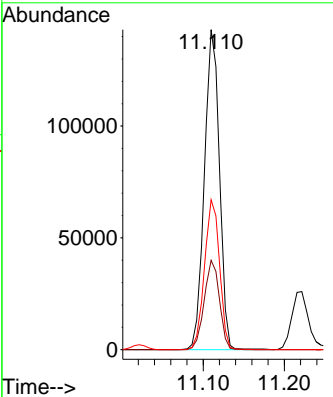
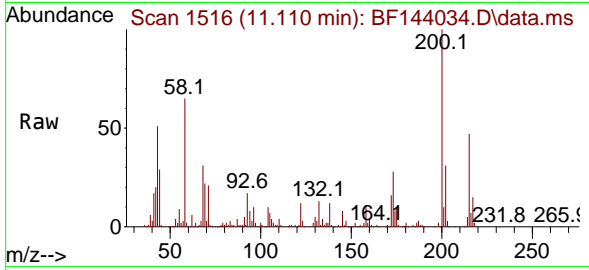


#69  
 Atrazine  
 Concen: 47.190 ng  
 RT: 11.110 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS

Tgt Ion: 200 Resp: 184072

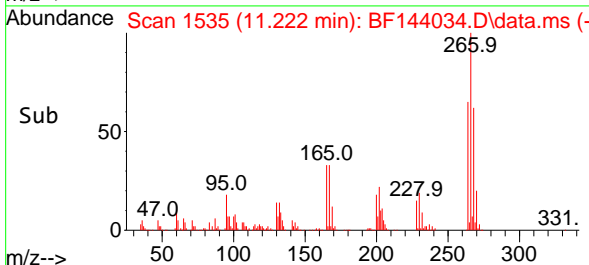
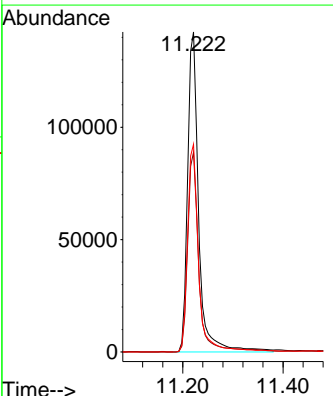
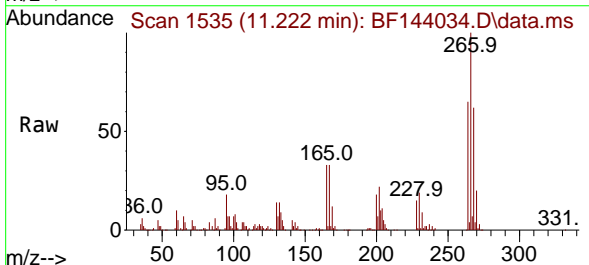
Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.0	47.0
215	46.8	27.8	67.8

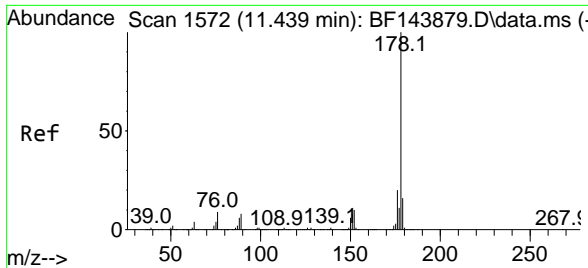


#70  
 Pentachlorophenol  
 Concen: 72.275 ng  
 RT: 11.222 min Scan# 1535  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 266 Resp: 217677

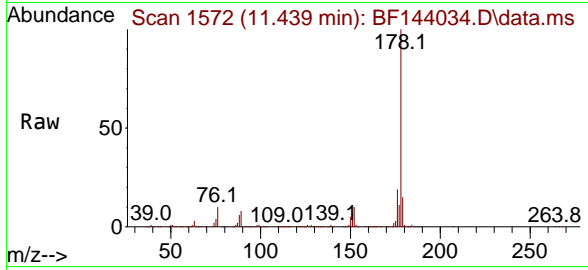
Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.4	74.0
264	64.9	51.8	77.6





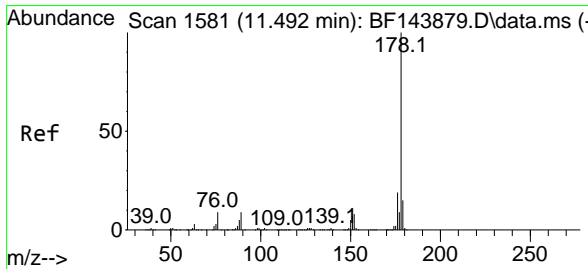
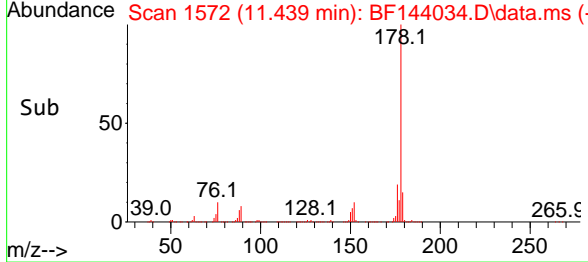
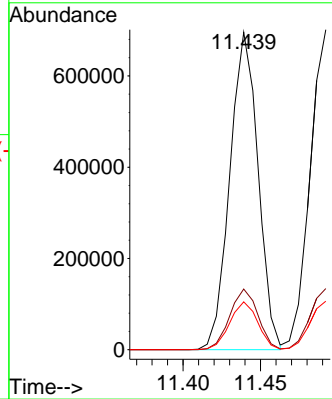
#71  
 Phenanthrene  
 Concen: 44.295 ng  
 RT: 11.439 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument : BNA\_F  
 Client Sample Id : PB170180BS



Tgt Ion:178 Resp: 880155

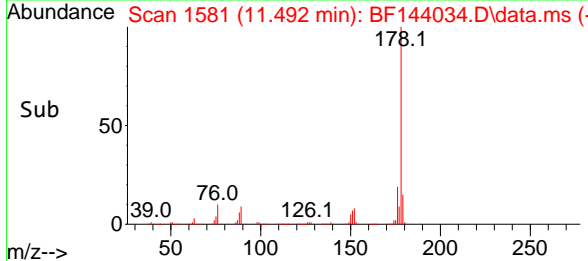
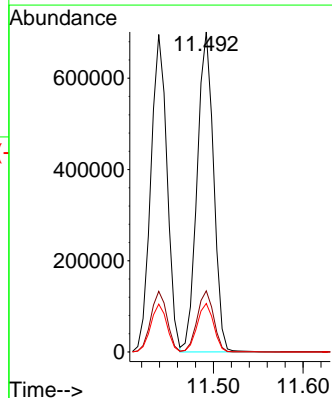
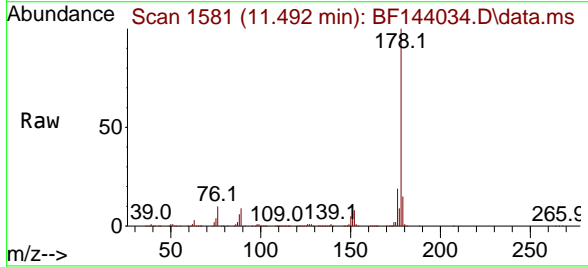
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.1	12.4	18.6

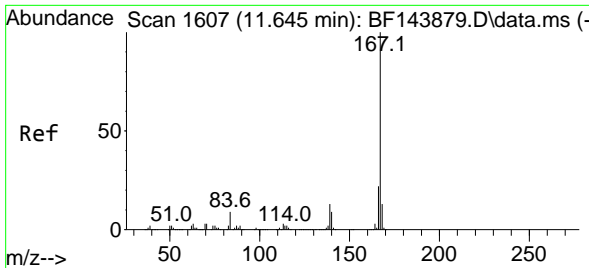


#72  
 Anthracene  
 Concen: 44.364 ng  
 RT: 11.492 min Scan# 1581  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:178 Resp: 890556

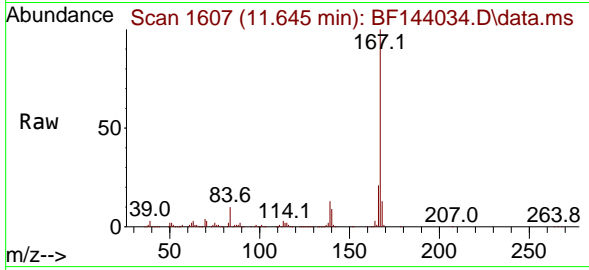
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.2	12.2	18.2



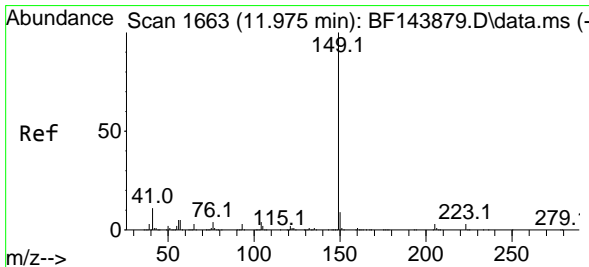
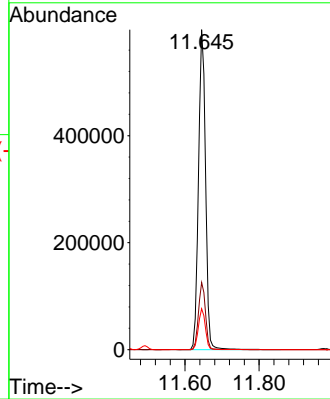
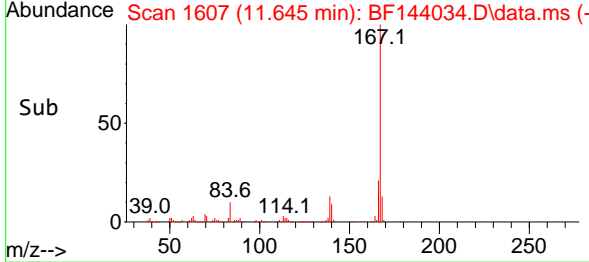


#73  
 Carbazole  
 Concen: 44.449 ng  
 RT: 11.645 min Scan# 1607  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

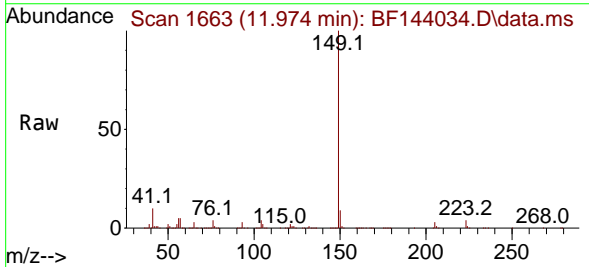
Instrument : BNA\_F  
 ClientSampleId : PB170180BS



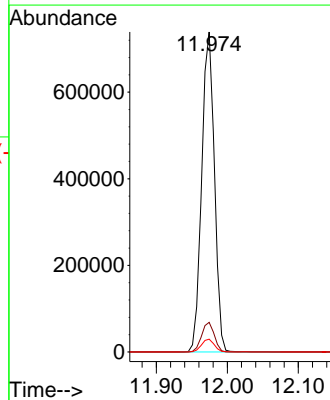
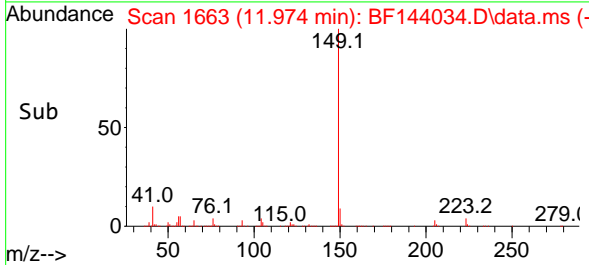
Tgt Ion:167 Resp: 790245  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.2 25.8  
 139 12.8 10.1 15.1



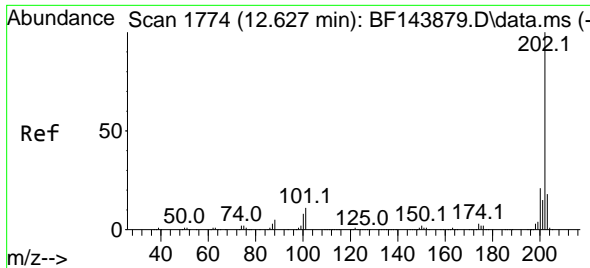
#74  
 Di-n-butylphthalate  
 Concen: 44.696 ng  
 RT: 11.974 min Scan# 1663  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:149 Resp: 920963  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 4.0 3.4 5.2







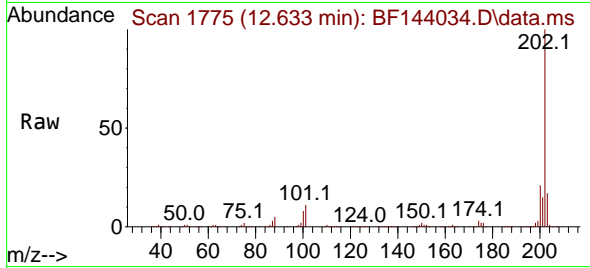
#75  
 Fluoranthene  
 Concen: 42.371 ng  
 RT: 12.633 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :

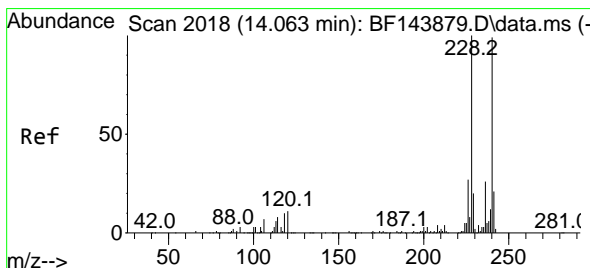
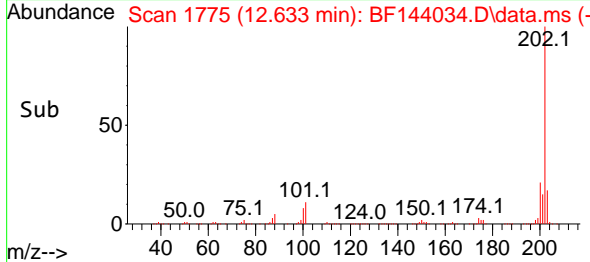
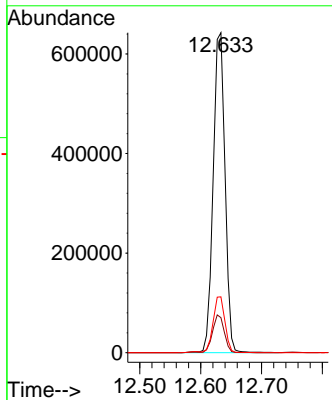
BNA\_F

ClientSampleId :

PB170180BS

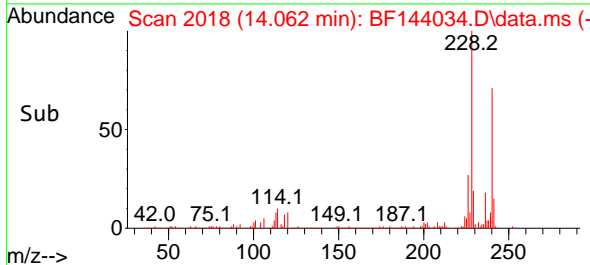
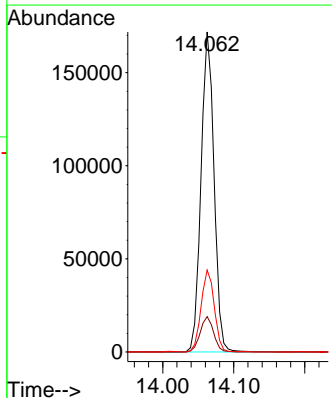
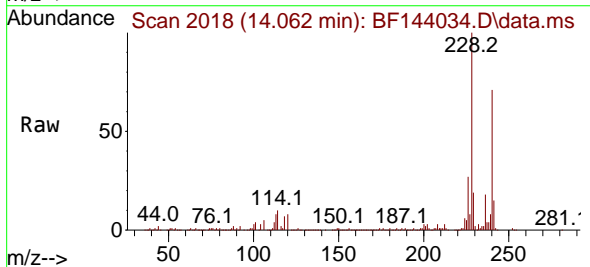


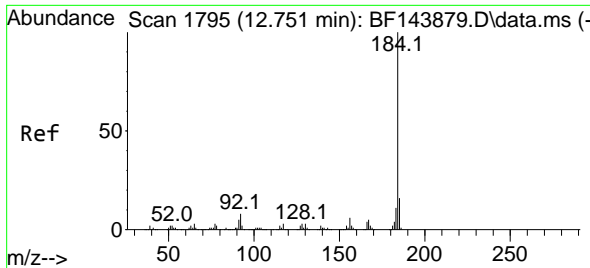
Tgt Ion:202 Resp: 869646  
 Ion Ratio Lower Upper  
 202 100  
 101 10.9 0.0 30.7  
 203 17.5 0.0 37.8



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.062 min Scan# 2018  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:240 Resp: 219056  
 Ion Ratio Lower Upper  
 240 100  
 120 11.1 8.6 13.0  
 236 25.6 21.1 31.7

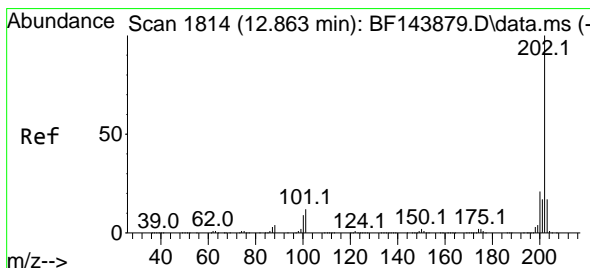
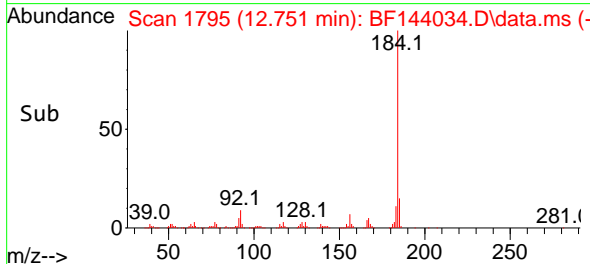
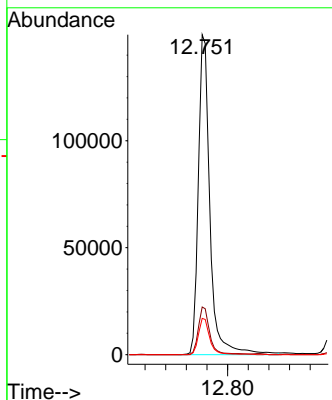
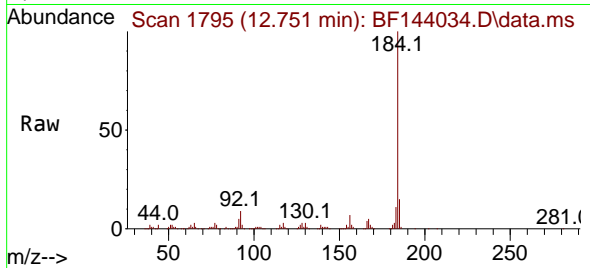




#77  
Benzidine  
Concen: 30.612 ng  
RT: 12.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144034.D  
Acq: 22 Oct 2025 11:23

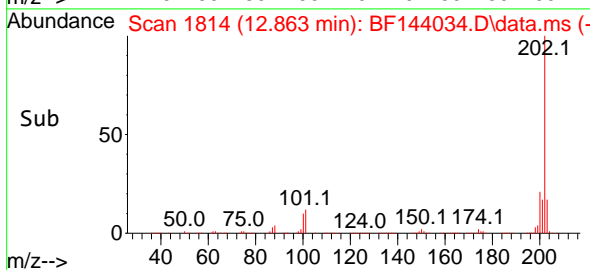
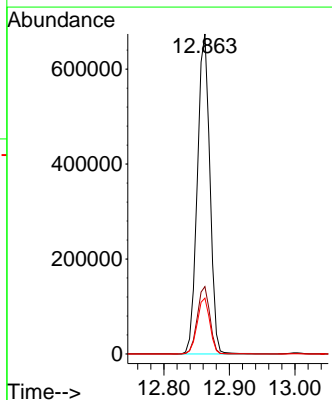
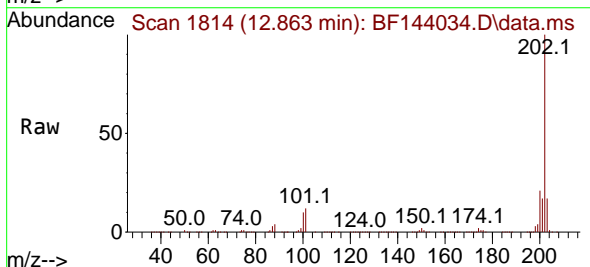
Instrument :  
BNA\_F  
ClientSampleId :  
PB170180BS

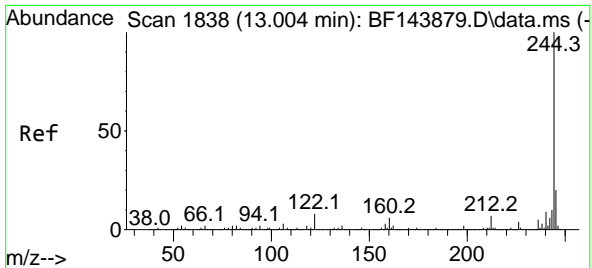
Tgt Ion:184 Resp: 232839  
Ion Ratio Lower Upper  
184 100  
185 14.9 12.6 18.8  
183 11.4 8.8 13.2



#78  
Pyrene  
Concen: 49.051 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF144034.D  
Acq: 22 Oct 2025 11:23

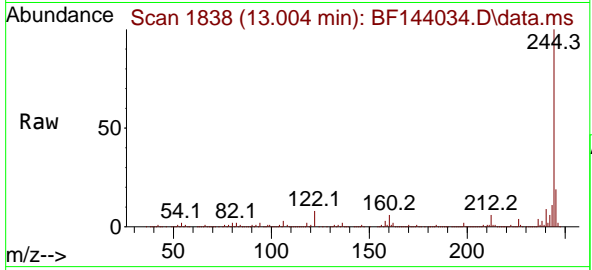
Tgt Ion:202 Resp: 895799  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 17.5 13.8 20.6



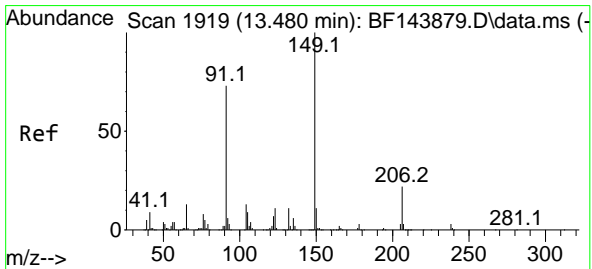
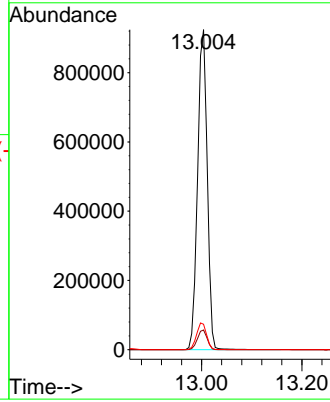
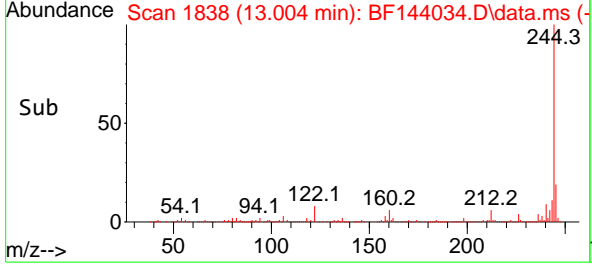


#79  
 Terphenyl-d14  
 Concen: 95.912 ng  
 RT: 13.004 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

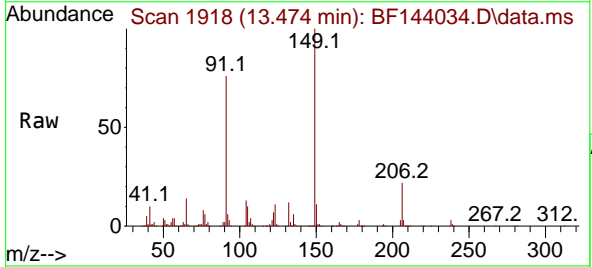
Instrument : BNA\_F  
 ClientSampleId : PB170180BS



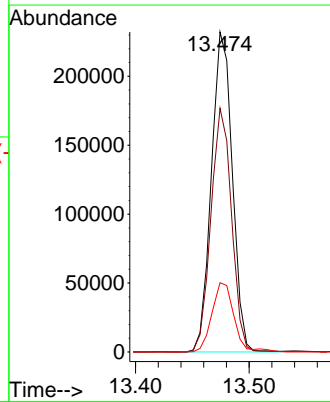
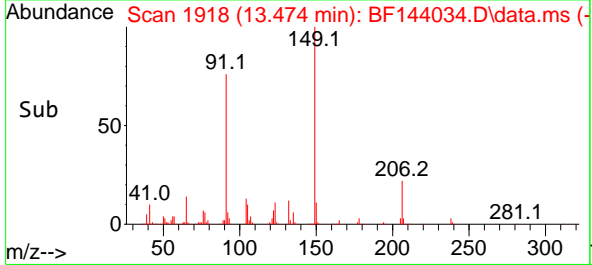
Tgt Ion:244 Resp: 1229329  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.4 8.0  
 122 8.0 6.4 9.6

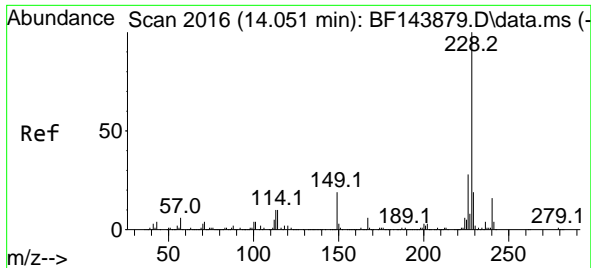


#80  
 Butylbenzylphthalate  
 Concen: 50.051 ng  
 RT: 13.474 min Scan# 1918  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23



Tgt Ion:149 Resp: 296852  
 Ion Ratio Lower Upper  
 149 100  
 91 76.2 58.2 87.2  
 206 21.7 17.9 26.9



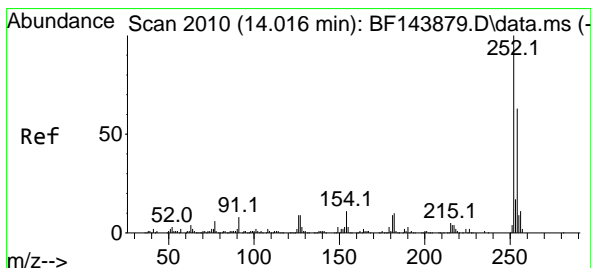
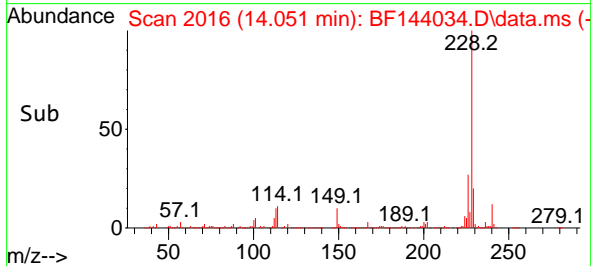
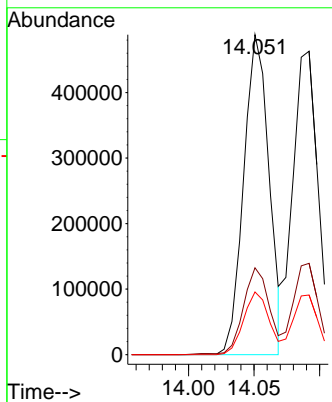
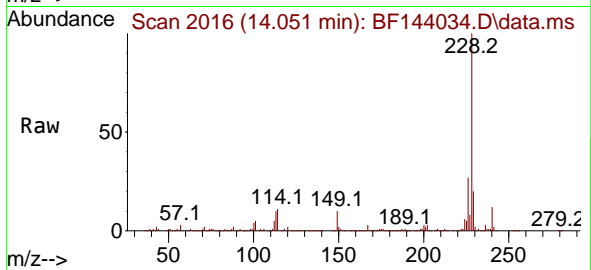


#81  
 Benzo(a)anthracene  
 Concen: 45.831 ng  
 RT: 14.051 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion:228 Resp: 656992

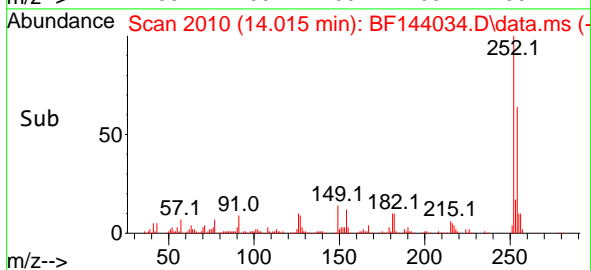
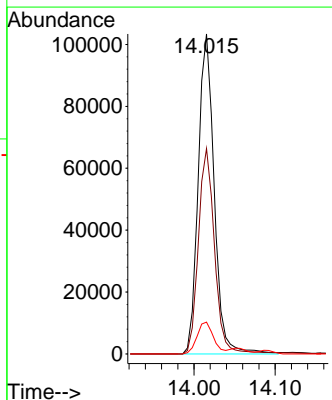
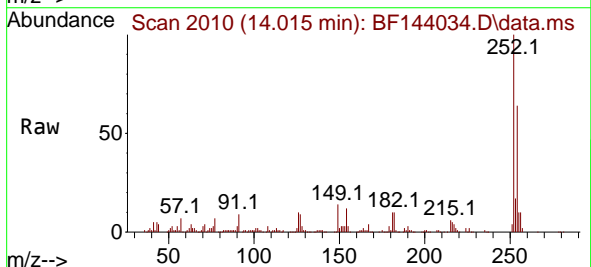
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.6	15.6	23.4

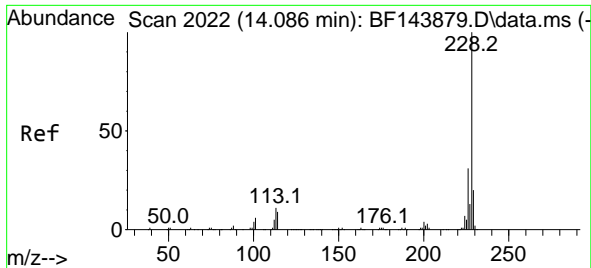


#82  
 3,3'-Dichlorobenzidine  
 Concen: 32.504 ng  
 RT: 14.015 min Scan# 2010  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:252 Resp: 141998

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.6	76.0
126	10.0	7.0	10.6



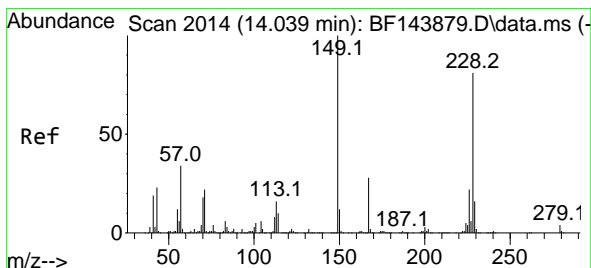
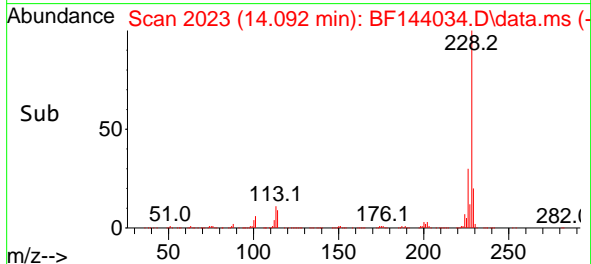
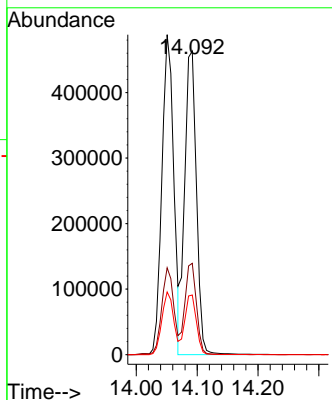
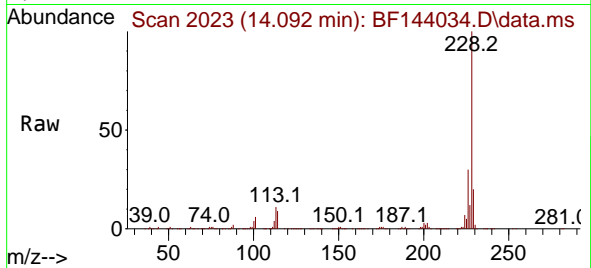


#83  
 Chrysene  
 Concen: 46.792 ng  
 RT: 14.092 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion: 228 Resp: 620817

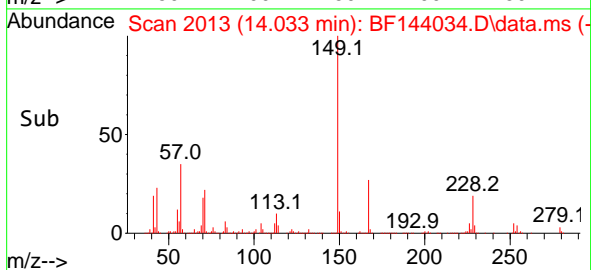
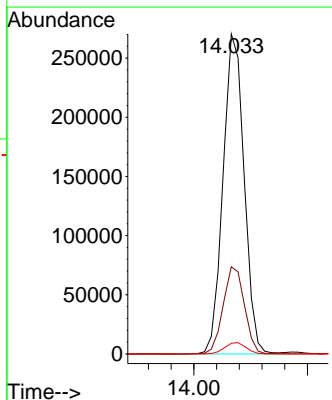
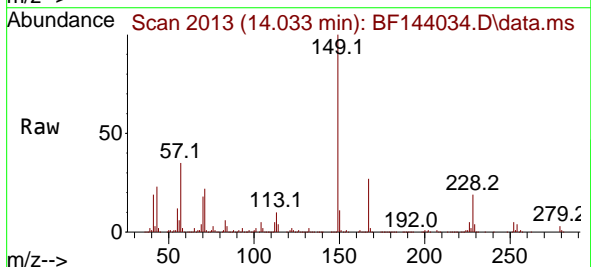
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.7	15.9	23.9

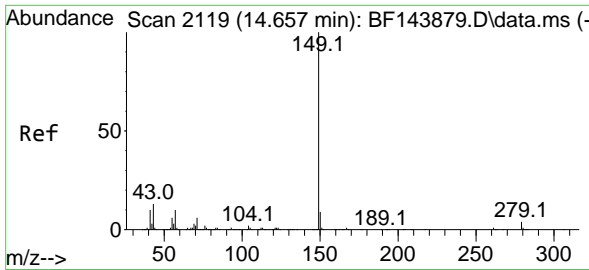


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.738 ng  
 RT: 14.033 min Scan# 2013  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 149 Resp: 348458

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	3.4	3.1	4.7



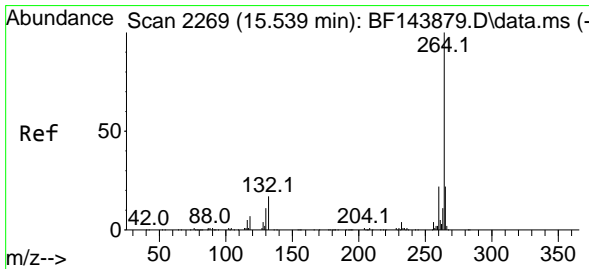
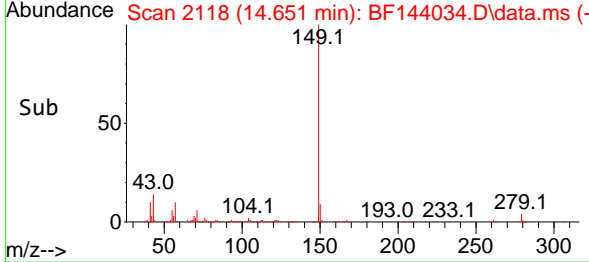
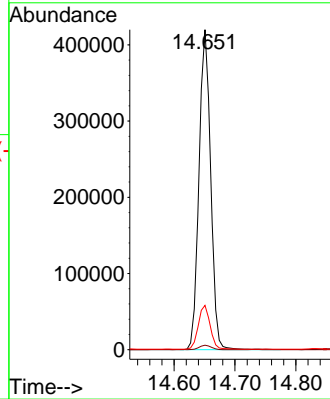
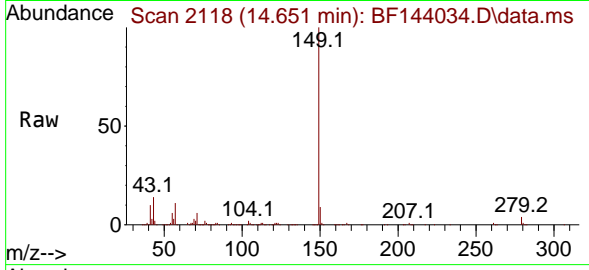


#85  
 Di-n-octyl phthalate  
 Concen: 47.402 ng  
 RT: 14.651 min Scan# 2118  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion:149 Resp: 556634

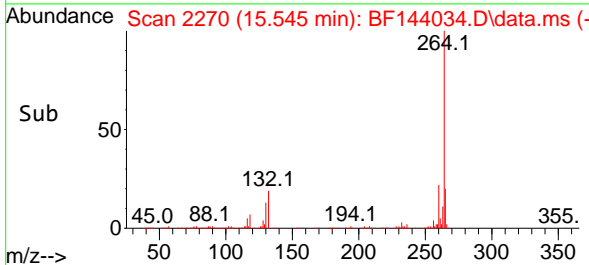
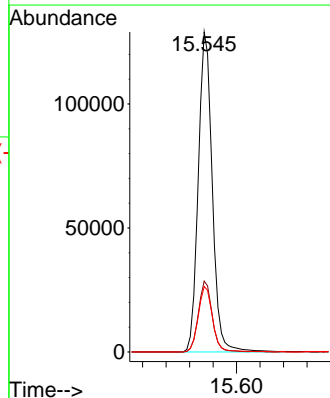
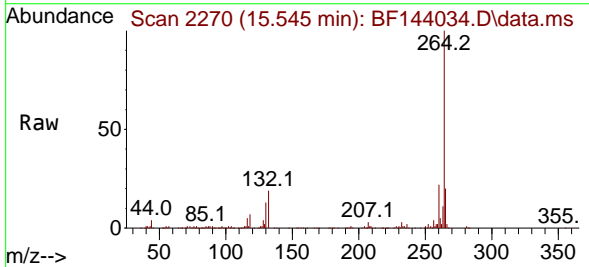
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.8	11.0	16.4

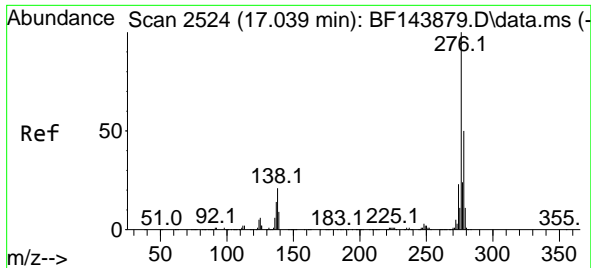


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2270  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:264 Resp: 213561

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.8	26.8
265	20.5	17.5	26.3





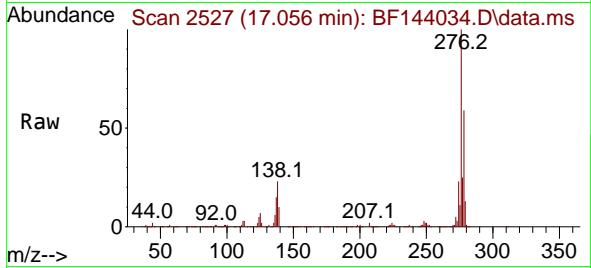
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 56.623 ng  
 RT: 17.056 min Scan# 2196  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :

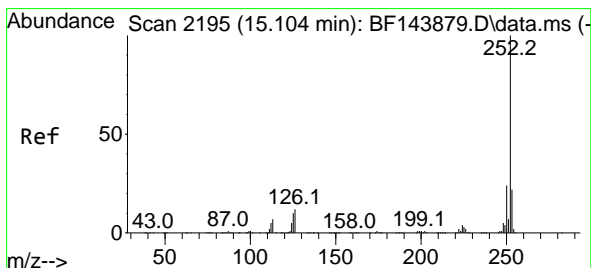
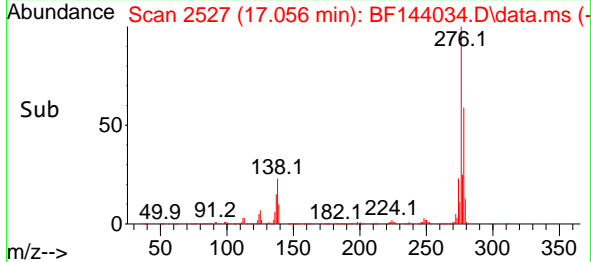
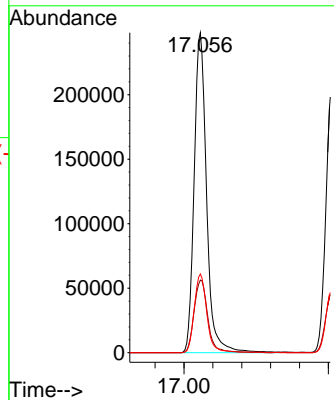
BNA\_F

ClientSampleId :

PB170180BS

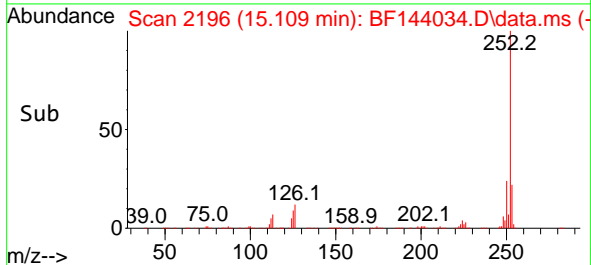
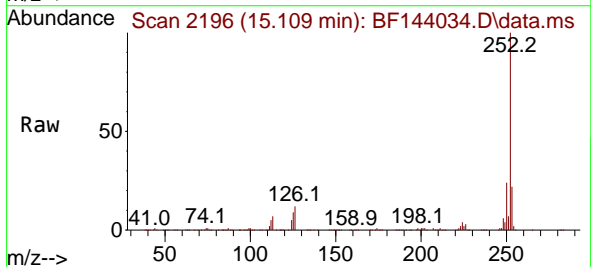
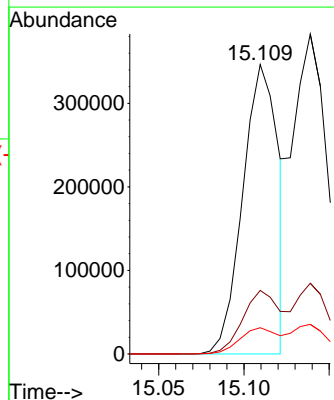


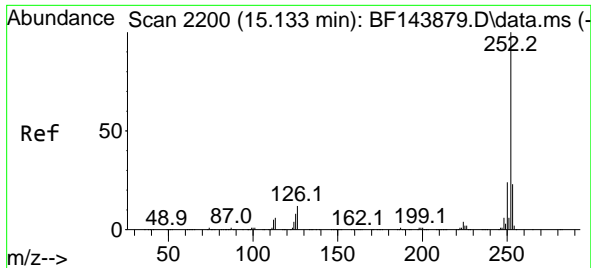
Tgt Ion:276 Resp: 740956  
 Ion Ratio Lower Upper  
 276 100  
 138 25.0 18.2 27.2  
 277 24.8 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 40.788 ng  
 RT: 15.109 min Scan# 2196  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:252 Resp: 500371  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.4 26.2  
 125 9.1 7.8 11.6

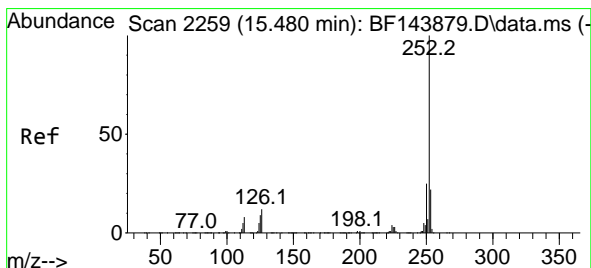
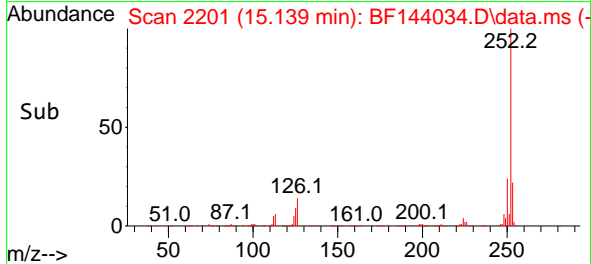
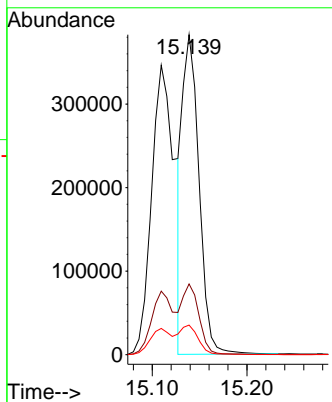
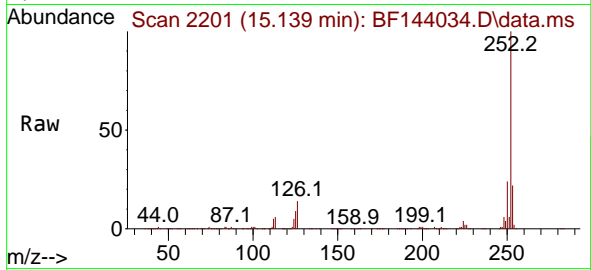




#89  
 Benzo(k)fluoranthene  
 Concen: 41.132 ng  
 RT: 15.139 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

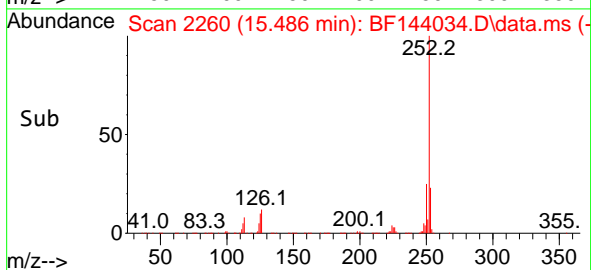
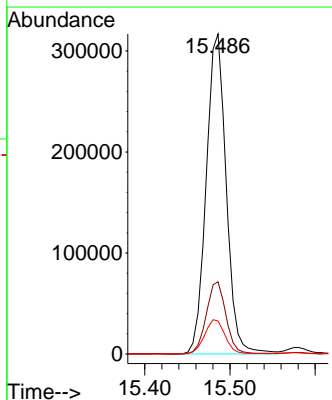
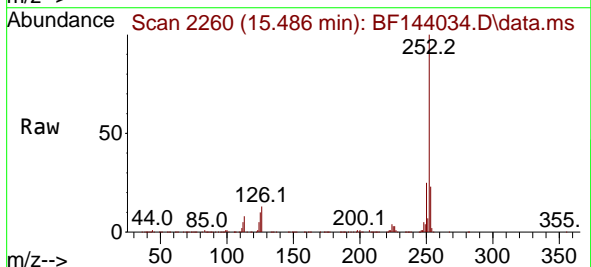
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170180BS

Tgt Ion:252 Resp: 466903  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.8 26.8  
 125 9.2 7.4 11.2

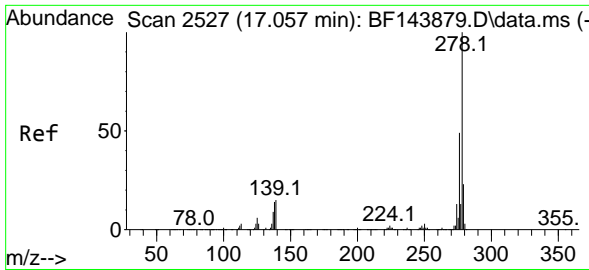


#90  
 Benzo(a)pyrene  
 Concen: 48.572 ng  
 RT: 15.486 min Scan# 2260  
 Delta R.T. 0.000 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion:252 Resp: 516671  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 17.3 25.9  
 125 10.3 7.0 10.4

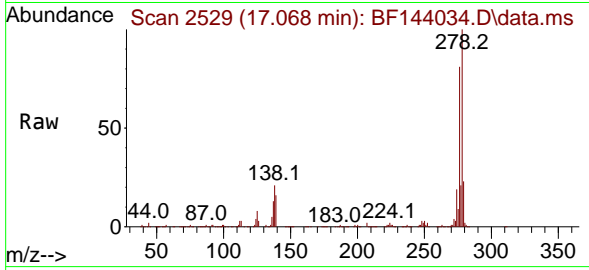




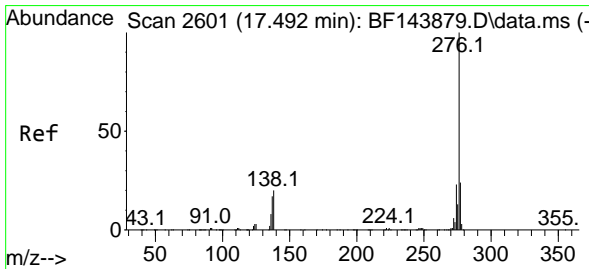
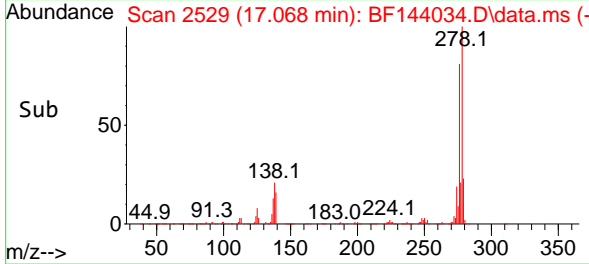
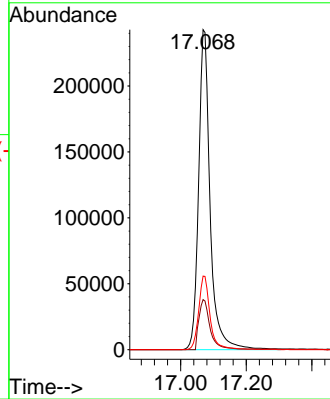


#91  
 Dibenzo(a,h)anthracene  
 Concen: 56.429 ng  
 RT: 17.068 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Instrument :  
 BNA\_F  
 Client Sampled :  
 PB170180BS



Tgt Ion: 278 Resp: 593880  
 Ion Ratio Lower Upper  
 278 100  
 139 15.7 11.7 17.5  
 279 23.0 18.4 27.6



#92  
 Benzo(g,h,i)perylene  
 Concen: 57.212 ng  
 RT: 17.509 min Scan# 2604  
 Delta R.T. -0.006 min  
 Lab File: BF144034.D  
 Acq: 22 Oct 2025 11:23

Tgt Ion: 276 Resp: 602133  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 19.0 28.6  
 138 22.7 16.1 24.1

