

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144012.D  
 Acq On : 21 Oct 2025 14:59  
 Operator : RC/JU  
 Sample : PB170166BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

Quant Time: Oct 21 15:23:58 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	133446	20.00 ng	0.00
21) Naphthalene-d8	8.163	136	518625	20.00 ng	0.00
39) Acenaphthene-d10	9.922	164	283438	20.00 ng	0.00
64) Phenanthrene-d10	11.416	188	479338	20.00 ng	0.00
76) Chrysene-d12	14.063	240	259427	20.00 ng	0.00
86) Perylene-d12	15.545	264	265427	20.00 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.510	112	1028015	122.33 ng	0.01
7) Phenol-d6	6.510	99	1214971	121.30 ng	0.00
23) Nitrobenzene-d5	7.445	82	761520	89.21 ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	381681	135.20 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1418195	79.39 ng	-0.01
79) Terphenyl-d14	13.004	244	1477256	97.32 ng	0.00
Target Compounds					
2) 1,4-Dioxane	2.740	88	155696	40.04 ng	97
3) Pyridine	3.499	79	453333	40.05 ng	99
4) n-Nitrosodimethylamine	3.446	42	275127	46.20 ng	94
6) Aniline	6.545	93	493609	32.89 ng	98
8) 2-Chlorophenol	6.669	128	387645	47.19 ng	99
9) Benzaldehyde	6.434	77	220406	28.52 ng	99
10) Phenol	6.528	94	541734	45.24 ng	96
11) bis(2-Chloroethyl)ether	6.616	93	422051	45.62 ng	97
12) 1,3-Dichlorobenzene	6.822	146	442429	45.00 ng	99
13) 1,4-Dichlorobenzene	6.898	146	447319	46.12 ng	100
14) 1,2-Dichlorobenzene	7.051	146	439236	47.28 ng	99
15) Benzyl Alcohol	7.022	79	368829	49.14 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1011154	48.02 ng	100
17) 2-Methylphenol	7.134	107	318432	46.91 ng	99
18) Hexachloroethane	7.392	117	149845	46.32 ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	306752	44.74 ng	100
20) 3+4-Methylphenols	7.287	107	355988	45.25 ng	# 76
22) Acetophenone	7.292	105	538406	49.10 ng	97
24) Nitrobenzene	7.463	77	456621	48.17 ng	100
25) Isophorone	7.704	82	837165	46.51 ng	99
26) 2-Nitrophenol	7.781	139	224501	55.24 ng	97
27) 2,4-Dimethylphenol	7.816	122	376854	51.55 ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	528721	46.50 ng	99
29) 2,4-Dichlorophenol	8.022	162	349149	45.85 ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	362396	48.39 ng	98
31) Naphthalene	8.187	128	1064832	45.14 ng	99
32) Benzoic acid	7.945	122	267946	52.96 ng	98
33) 4-Chloroaniline	8.234	127	134768	15.23 ng	97
34) Hexachlorobutadiene	8.304	225	234234	45.01 ng	98
35) Caprolactam	8.657	113	42739	17.65 ng	92
36) 4-Chloro-3-methylphenol	8.716	107	339307	46.38 ng	99
37) 2-Methylnaphthalene	8.881	142	650390	41.39 ng	100
38) 1-Methylnaphthalene	8.981	142	666453	43.72 ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	386272	49.31 ng	98
41) Hexachlorocyclopentadiene	9.034	237	367321	113.02 ng	99
43) 2,4,6-Trichlorophenol	9.157	196	260843	45.57 ng	97

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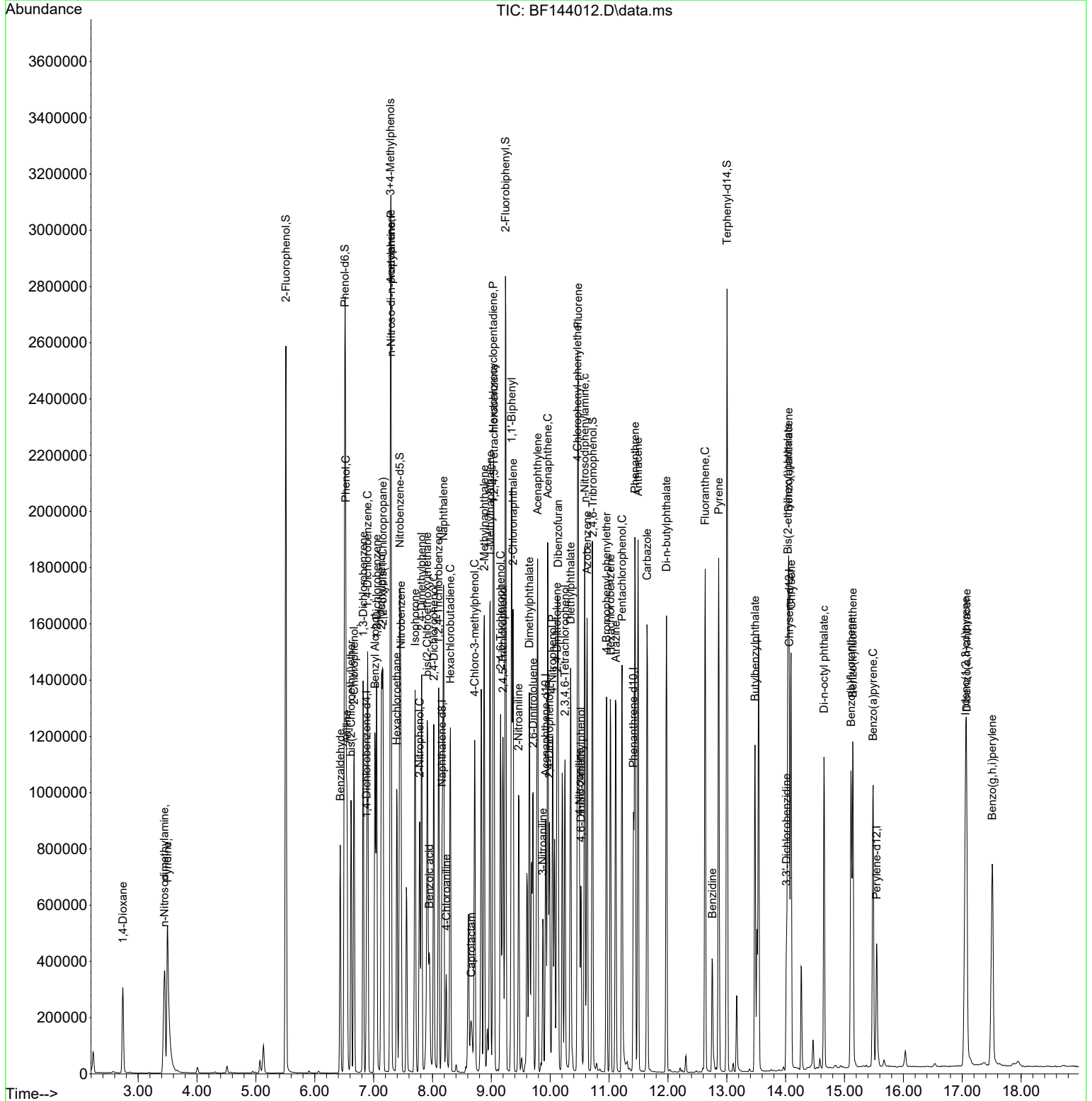
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	281193	46.49	ng	98
46) 1,1'-Biphenyl	9.345	154	921388	49.10	ng	98
47) 2-Chloronaphthalene	9.369	162	709052	45.32	ng	99
48) 2-Nitroaniline	9.463	65	252025	50.95	ng	99
49) Acenaphthylene	9.786	152	1122935	51.05	ng	99
50) Dimethylphthalate	9.645	163	846171	47.01	ng	100
51) 2,6-Dinitrotoluene	9.710	165	183336	54.93	ng	95
52) Acenaphthene	9.957	154	684189	47.47	ng	99
53) 3-Nitroaniline	9.875	138	118984	29.11	ng	95
54) 2,4-Dinitrophenol	9.986	184	185834	89.37	ng	# 90
55) Dibenzofuran	10.133	168	922016	45.32	ng	98
56) 4-Nitrophenol	10.039	139	265552	85.82	ng	94
57) 2,4-Dinitrotoluene	10.116	165	244879	53.92	ng	98
58) Fluorene	10.475	166	699527	45.56	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209253	48.87	ng	# 98
60) Diethylphthalate	10.345	149	772537	46.20	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	370148	45.60	ng	97
62) 4-Nitroaniline	10.498	138	189298	48.17	ng	93
63) Azobenzene	10.628	77	829185	47.45	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	135373	56.20	ng	98
66) n-Nitrosodiphenylamine	10.586	169	711691	47.29	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	242757	45.83	ng	99
68) Hexachlorobenzene	11.022	284	286318	46.69	ng	99
69) Atrazine	11.116	200	223417	48.98	ng	99
70) Pentachlorophenol	11.222	266	299120	84.92	ng	97
71) Phenanthrene	11.439	178	1051103	45.23	ng	100
72) Anthracene	11.492	178	1067842	45.49	ng	99
73) Carbazole	11.645	167	951696	45.77	ng	99
74) Di-n-butylphthalate	11.975	149	1150551	47.75	ng	99
75) Fluoranthene	12.633	202	1069135	44.54	ng	99
77) Benzidine	12.757	184	257313	28.57	ng	98
78) Pyrene	12.863	202	1087880	50.30	ng	99
80) Butylbenzylphthalate	13.480	149	377145	53.69	ng	99
81) Benzo(a)anthracene	14.051	228	861940	50.77	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	148157	28.64	ng	99
83) Chrysene	14.092	228	744875	47.41	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	442497	52.26	ng	99
85) Di-n-octyl phthalate	14.651	149	730981	52.56	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	873923	53.73	ng	97
88) Benzo(b)fluoranthene	15.110	252	729756	47.86	ng	98
89) Benzo(k)fluoranthene	15.139	252	639376	45.32	ng	100
90) Benzo(a)pyrene	15.486	252	668392	50.56	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	712382	54.46	ng	99
92) Benzo(g,h,i)perylene	17.509	276	717596	54.86	ng	97

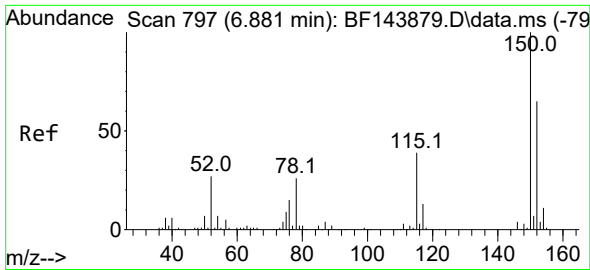
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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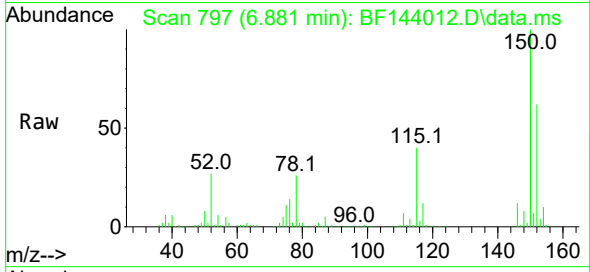
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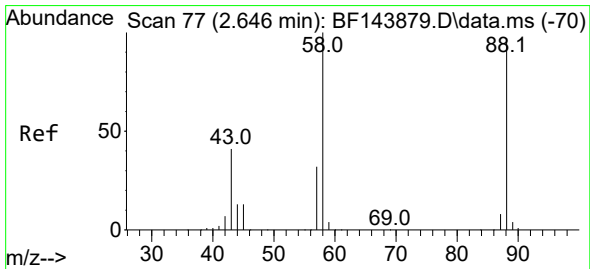
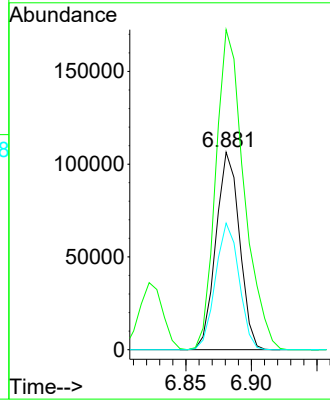
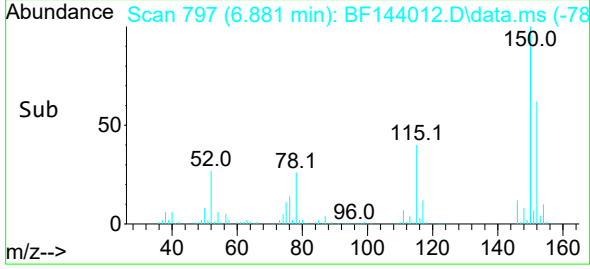


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

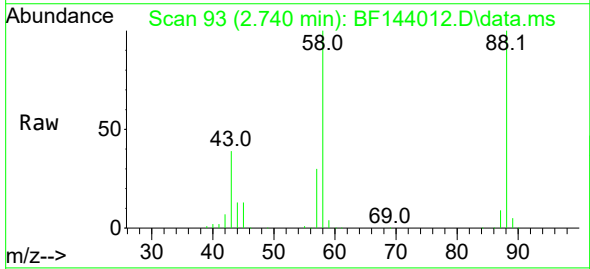
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 PB170166BSD



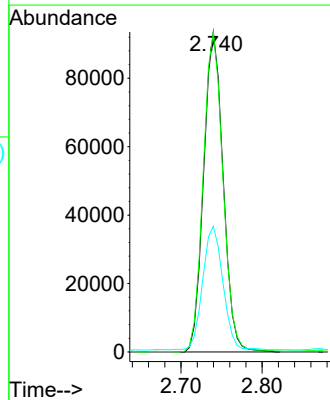
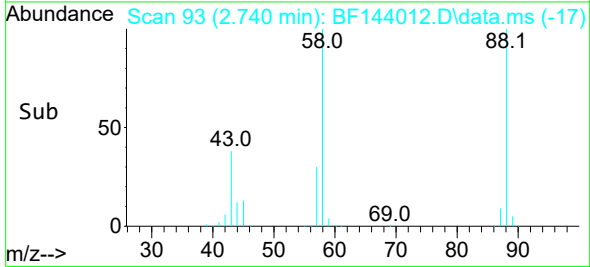
Tgt Ion:152 Resp: 133446  
 Ion Ratio Lower Upper  
 152 100  
 150 162.1 124.4 186.6  
 115 64.1 48.1 72.1

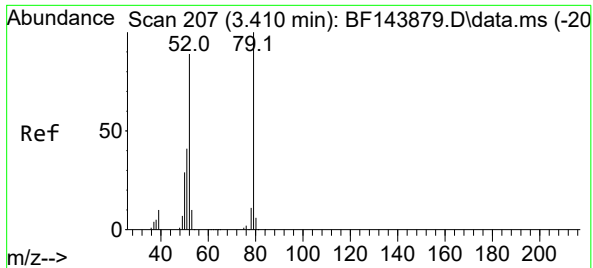


#2  
 1,4-Dioxane  
 Concen: 40.04 ng  
 RT: 2.740 min Scan# 93  
 Delta R.T. 0.094 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



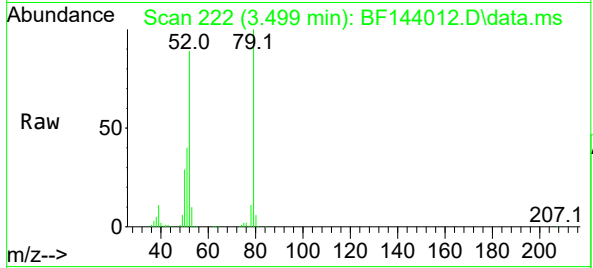
Tgt Ion: 88 Resp: 155696  
 Ion Ratio Lower Upper  
 88 100  
 58 101.5 83.0 124.6  
 43 39.8 33.9 50.9



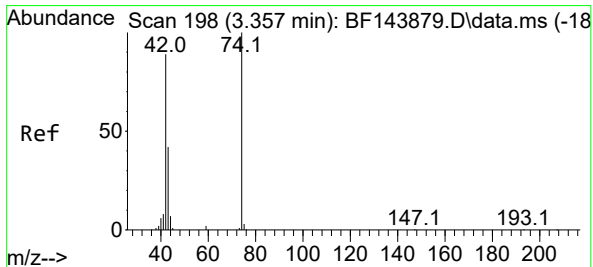
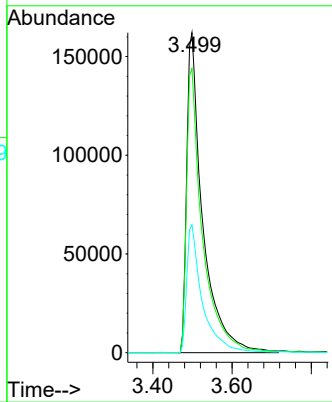
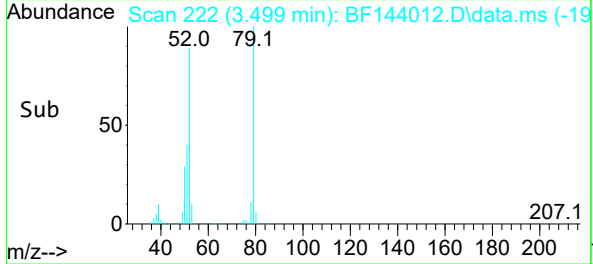


#3  
 Pyridine  
 Concen: 40.05 ng  
 RT: 3.499 min Scan# 213  
 Delta R.T. 0.082 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

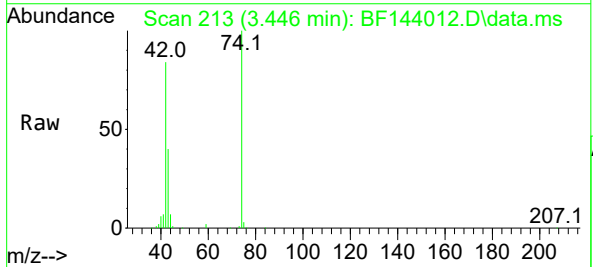
Instrument :  
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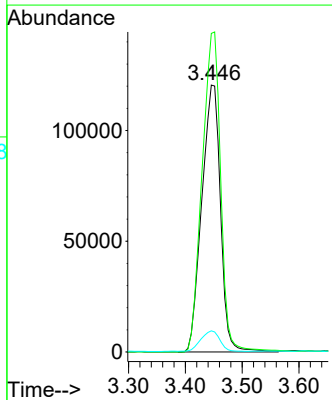
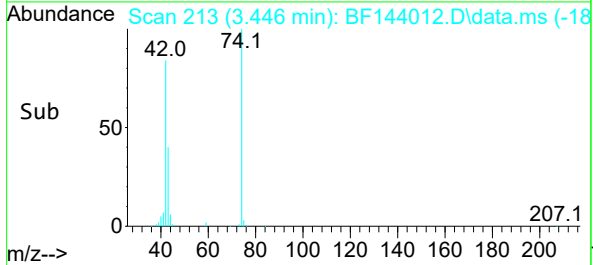
Tgt Ion: 79 Resp: 453333  
 Ion Ratio Lower Upper  
 79 100  
 52 88.8 71.5 107.3  
 51 40.0 32.9 49.3

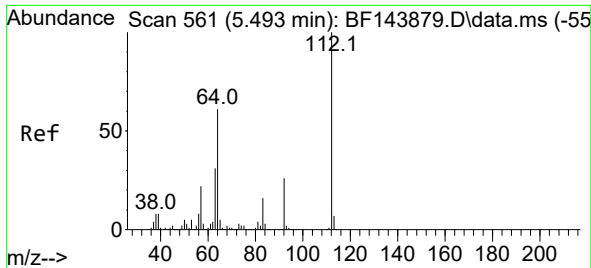


#4  
 n-Nitrosodimethylamine  
 Concen: 46.20 ng  
 RT: 3.446 min Scan# 213  
 Delta R.T. 0.059 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



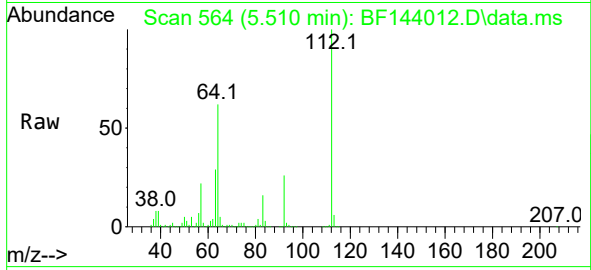
Tgt Ion: 42 Resp: 275127  
 Ion Ratio Lower Upper  
 42 100  
 74 119.3 90.0 135.0  
 44 7.9 6.2 9.2



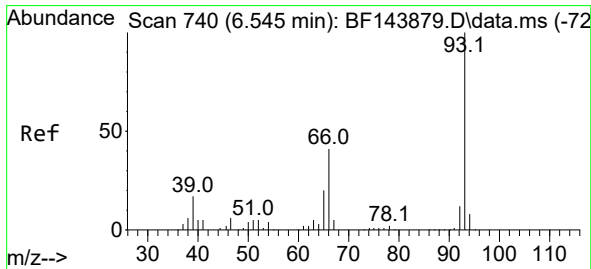
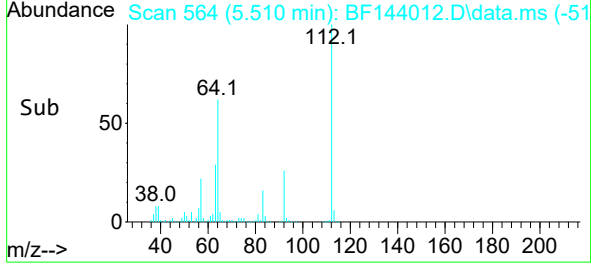
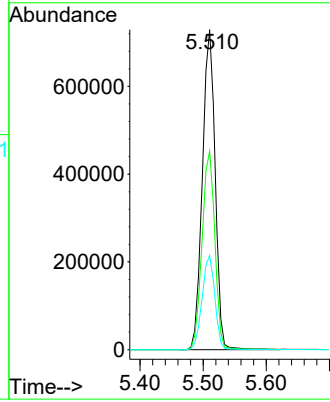


#5  
 2-Fluorophenol  
 Concen: 122.33 ng  
 RT: 5.510 min Scan# 50  
 Delta R.T. 0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

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 BNA\_F  
 ClientSampleId :  
 PB170166BSD

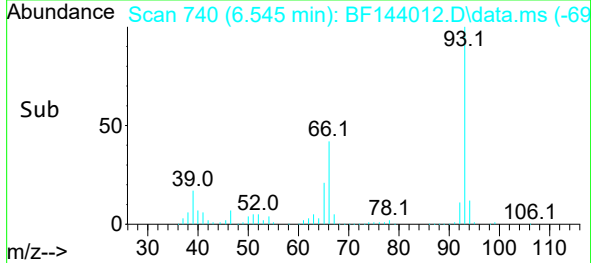
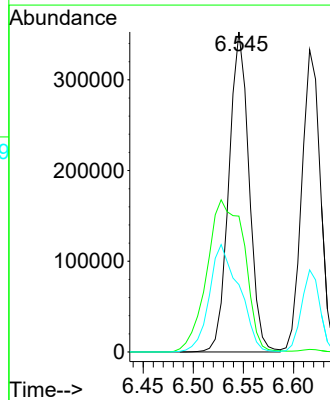
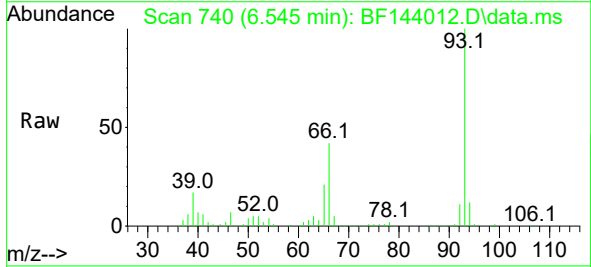


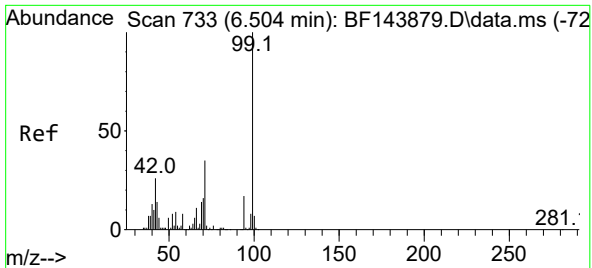
Tgt Ion:112 Resp: 1028015  
 Ion Ratio Lower Upper  
 112 100  
 64 62.1 49.1 73.7  
 63 29.4 24.5 36.7



#6  
 Aniline  
 Concen: 32.89 ng  
 RT: 6.545 min Scan# 740  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
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Tgt Ion: 93 Resp: 493609  
 Ion Ratio Lower Upper  
 93 100  
 66 42.5 33.0 49.6  
 65 21.1 15.8 23.8



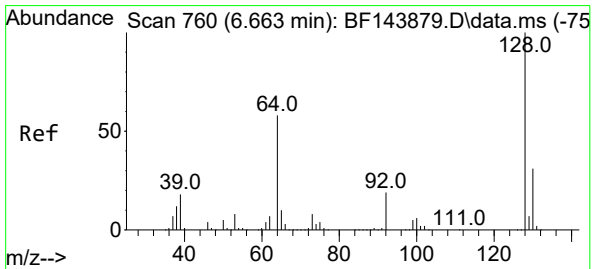
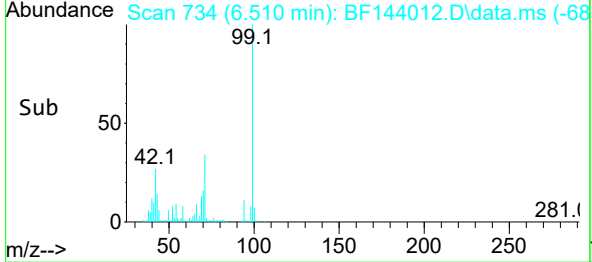
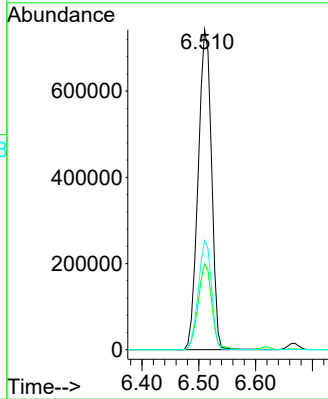
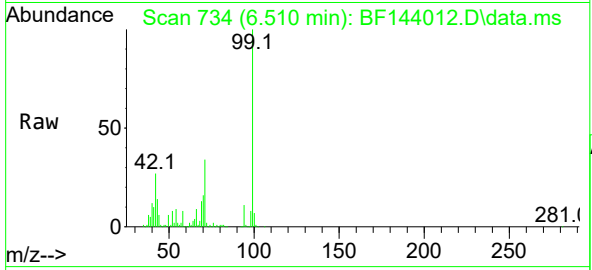


#7  
 Phenol-d6  
 Concen: 121.30 ng  
 RT: 6.510 min Scan# 710  
 Delta R.T. -0.006 min  
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Tgt Ion: 99 Resp: 1214971

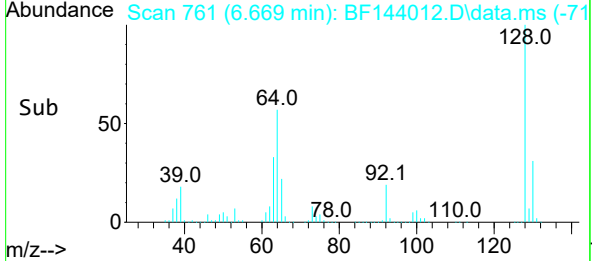
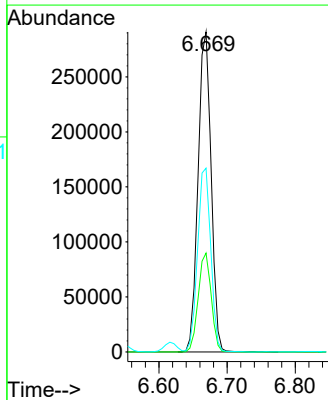
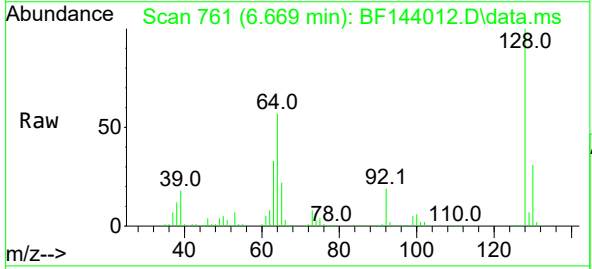
Ion	Ratio	Lower	Upper
99	100		
42	26.9	21.0	31.4
71	34.2	27.8	41.8

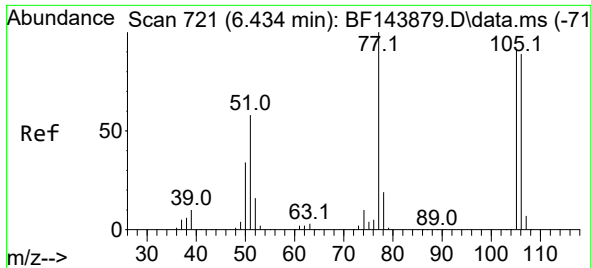


#8  
 2-Chlorophenol  
 Concen: 47.19 ng  
 RT: 6.669 min Scan# 761  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
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Tgt Ion: 128 Resp: 387645

Ion	Ratio	Lower	Upper
128	100		
130	30.9	10.7	50.7
64	57.4	39.0	79.0

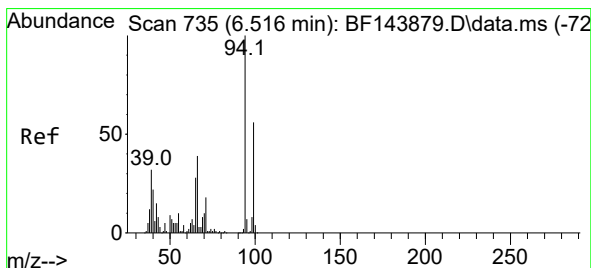
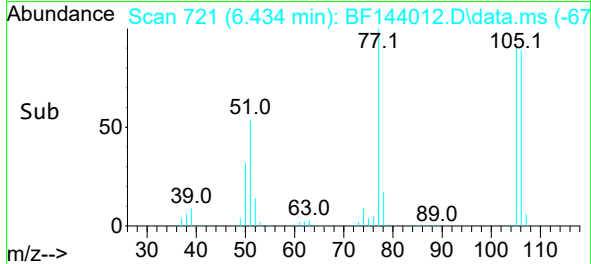
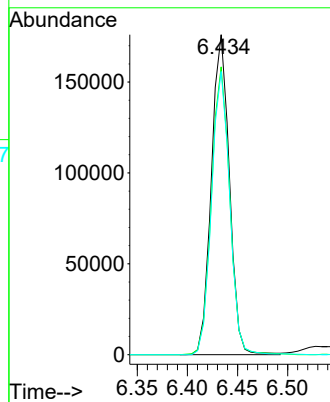
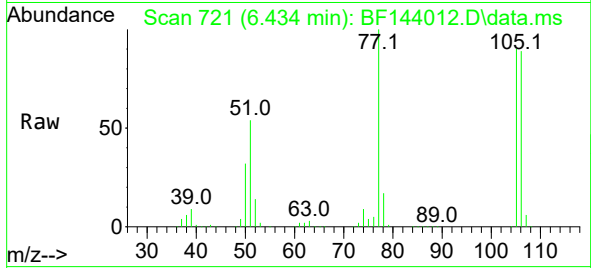




#9  
Benzaldehyde  
Concen: 28.52 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
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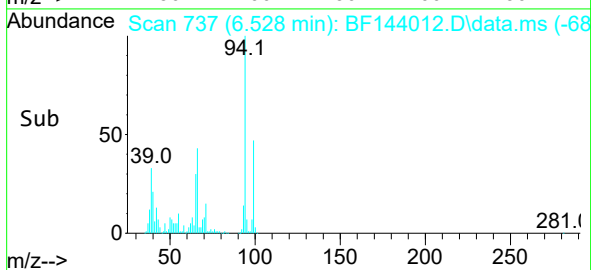
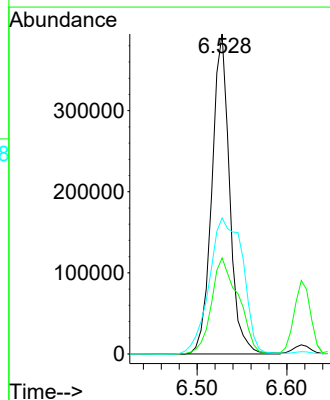
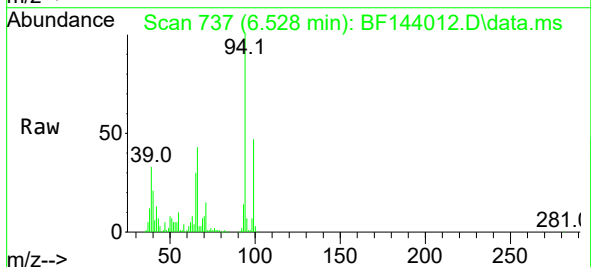
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Tgt Ion: 77 Resp: 220406  
Ion Ratio Lower Upper  
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105 90.0 70.9 110.9  
106 88.5 68.9 108.9

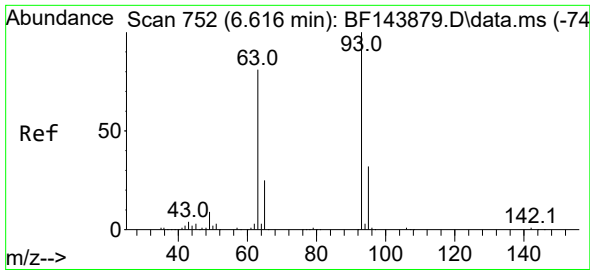


#10  
Phenol  
Concen: 45.24 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF144012.D  
Acq: 21 Oct 2025 14:59

Tgt Ion: 94 Resp: 541734  
Ion Ratio Lower Upper  
94 100  
65 30.0 8.5 48.5  
66 42.5 19.9 59.9

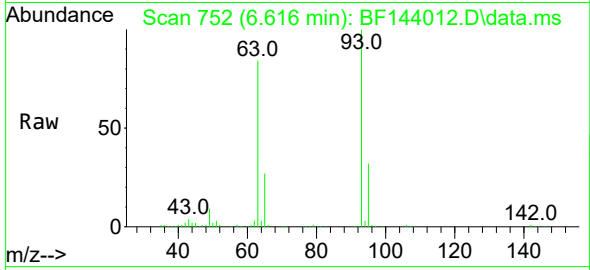




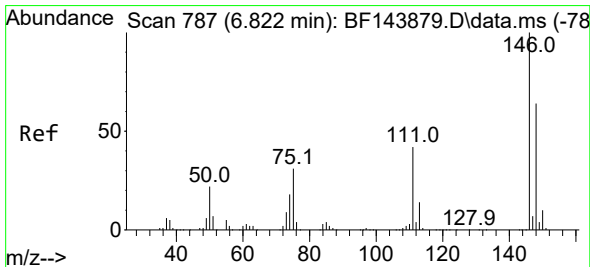
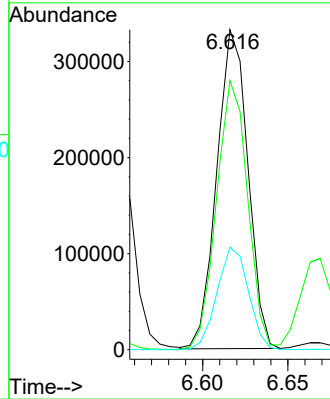
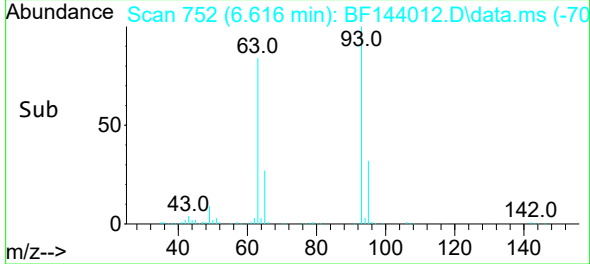


#11  
 bis(2-Chloroethyl)ether  
 Concen: 45.62 ng  
 RT: 6.616 min Scan# 752  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

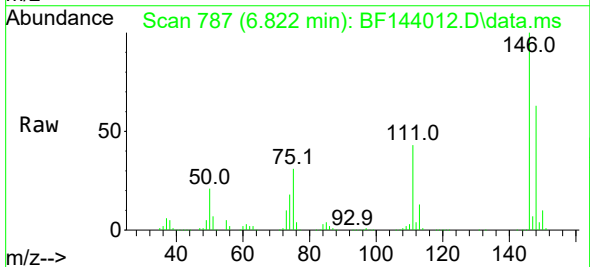
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD



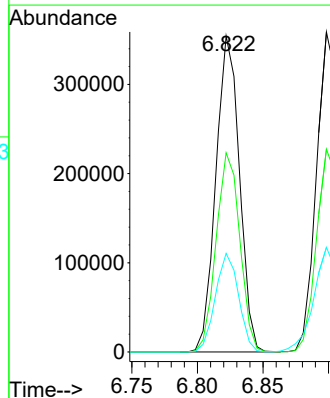
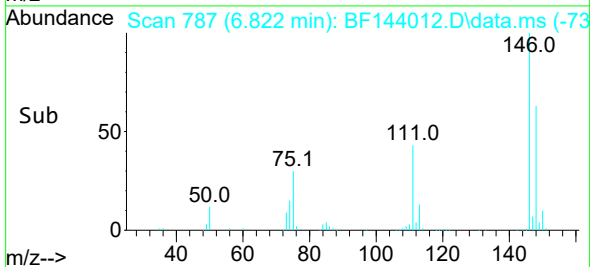
Tgt Ion: 93 Resp: 422051  
 Ion Ratio Lower Upper  
 93 100  
 63 84.1 60.9 100.9  
 95 32.0 11.5 51.5

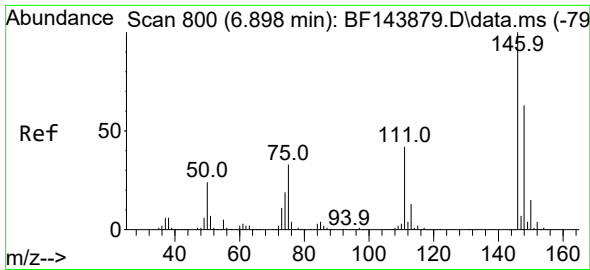


#12  
 1,3-Dichlorobenzene  
 Concen: 45.00 ng  
 RT: 6.822 min Scan# 787  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



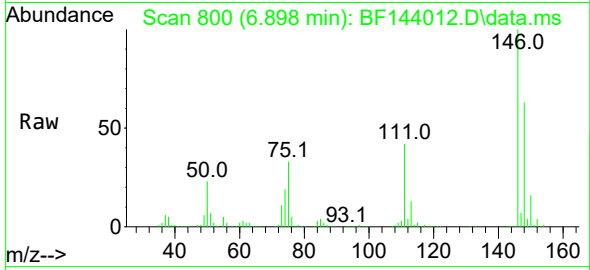
Tgt Ion: 146 Resp: 442429  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.0 76.4  
 75 31.2 24.9 37.3



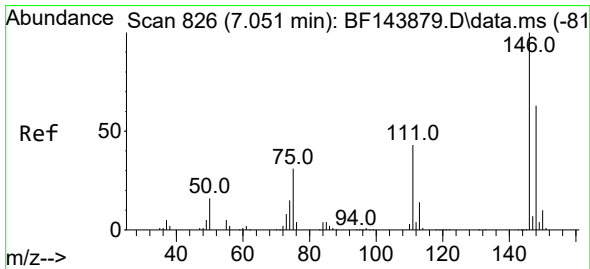
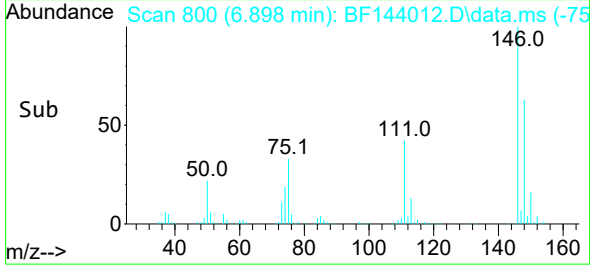
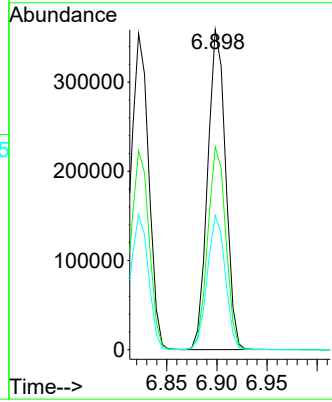


#13  
 1,4-Dichlorobenzene  
 Concen: 46.12 ng  
 RT: 6.898 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

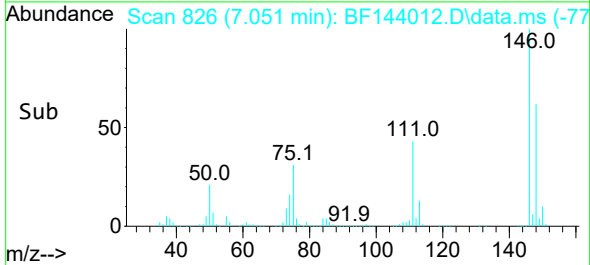
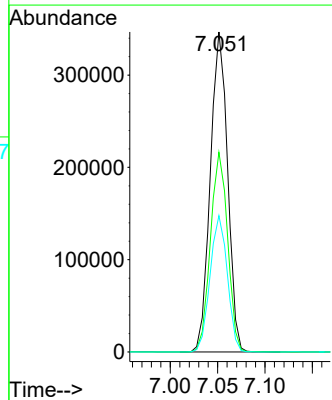
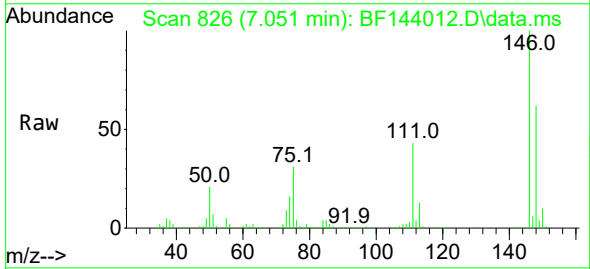


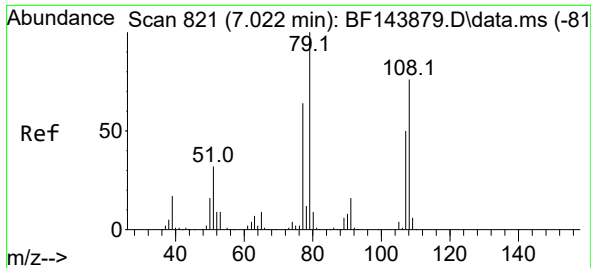
Tgt Ion:146 Resp: 447319  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.5 75.7  
 111 42.0 33.4 50.0



#14  
 1,2-Dichlorobenzene  
 Concen: 47.28 ng  
 RT: 7.051 min Scan# 826  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:146 Resp: 439236  
 Ion Ratio Lower Upper  
 146 100  
 148 62.4 50.6 75.8  
 111 42.6 34.6 51.8

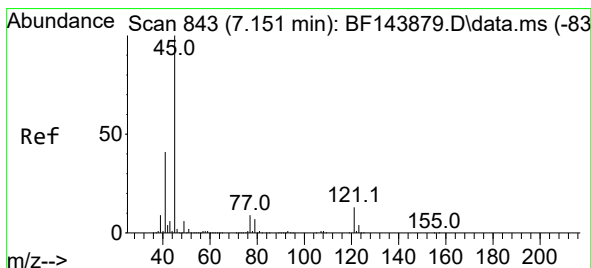
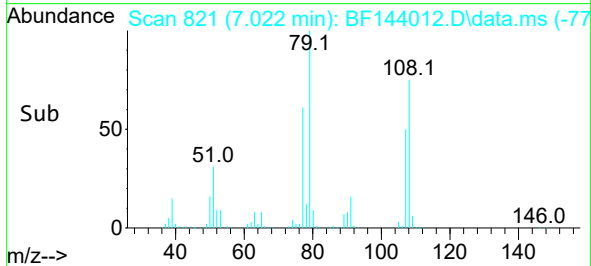
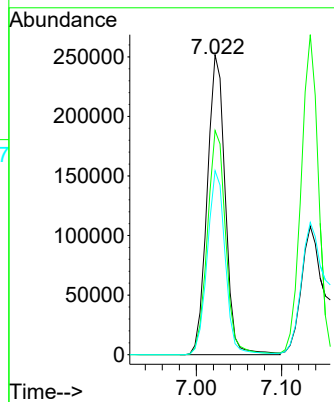
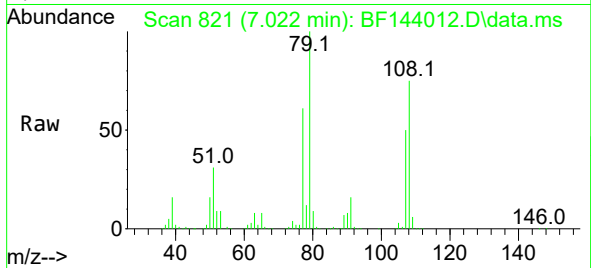




#15  
 Benzyl Alcohol  
 Concen: 49.14 ng  
 RT: 7.022 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

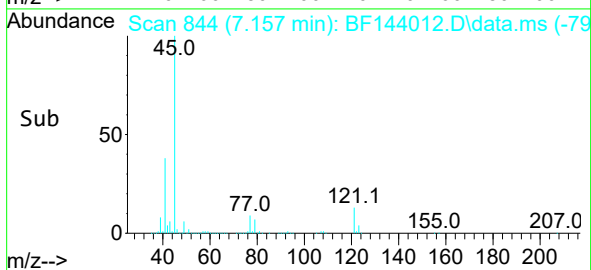
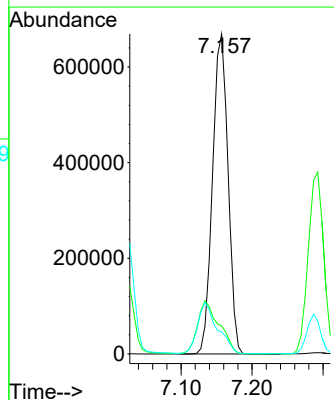
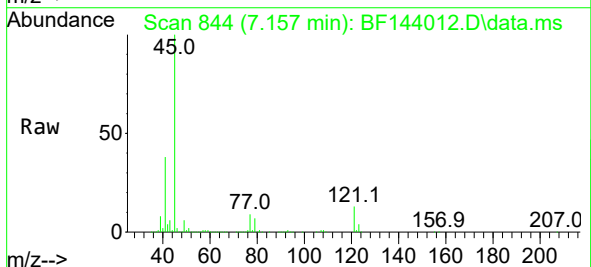
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

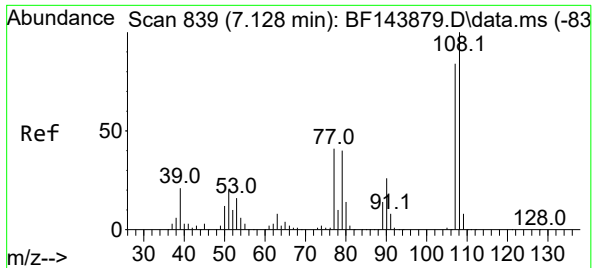
Tgt Ion: 79 Resp: 368829  
 Ion Ratio Lower Upper  
 79 100  
 108 74.8 60.8 91.2  
 77 61.4 51.0 76.6



#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 48.02 ng  
 RT: 7.157 min Scan# 844  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 45 Resp: 1011154  
 Ion Ratio Lower Upper  
 45 100  
 77 8.7 0.0 29.0  
 79 6.9 0.0 26.8



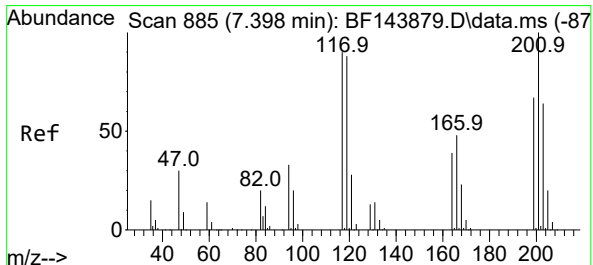
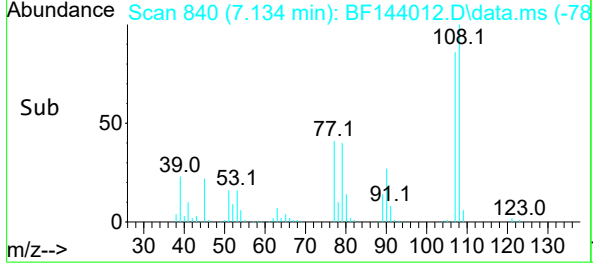
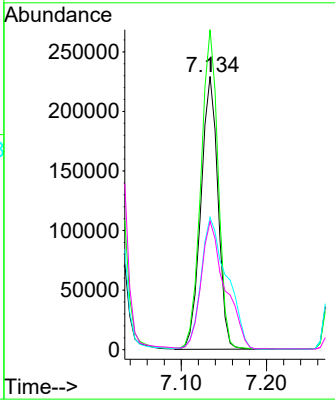
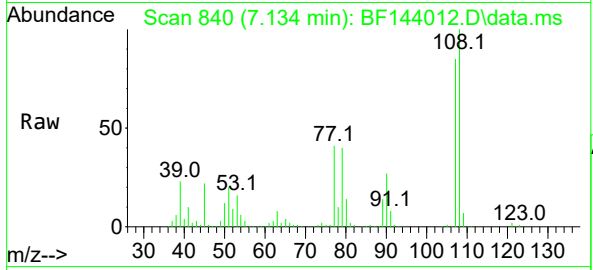


#17  
 2-Methylphenol  
 Concen: 46.91 ng  
 RT: 7.134 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:107 Resp: 318432

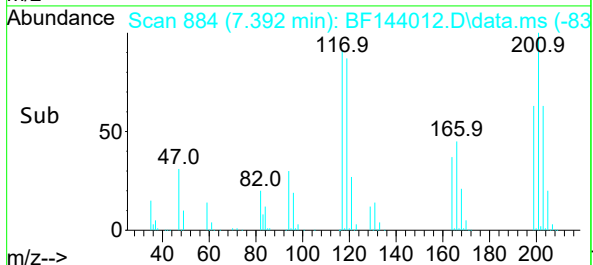
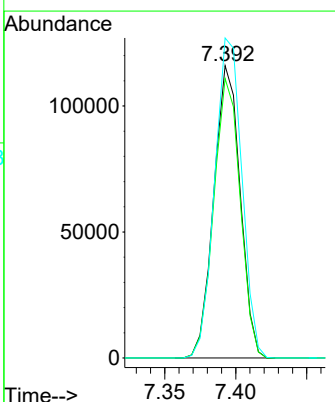
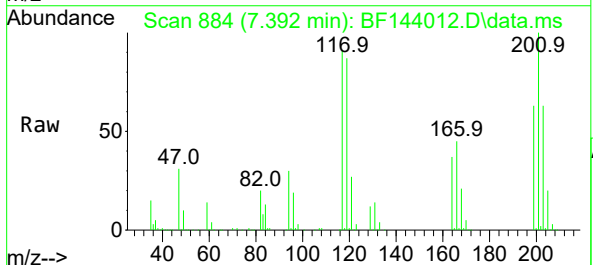
Ion	Ratio	Lower	Upper
107	100		
108	117.1	94.7	142.1
77	48.4	38.8	58.2
79	46.9	38.3	57.5

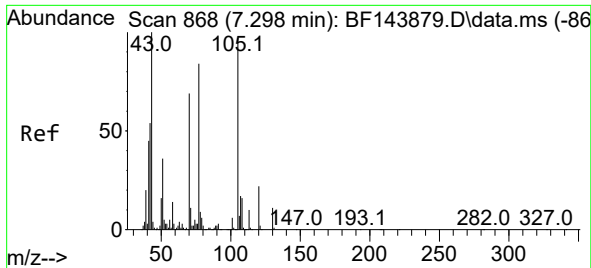


#18  
 Hexachloroethane  
 Concen: 46.32 ng  
 RT: 7.392 min Scan# 884  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:117 Resp: 149845

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.8
201	109.5	88.5	132.7



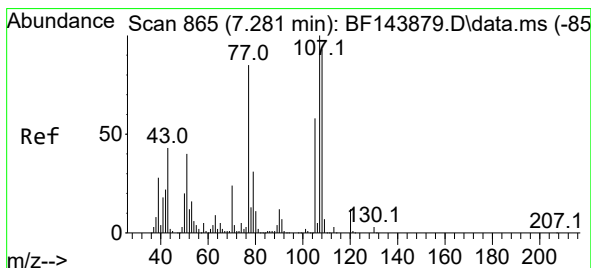
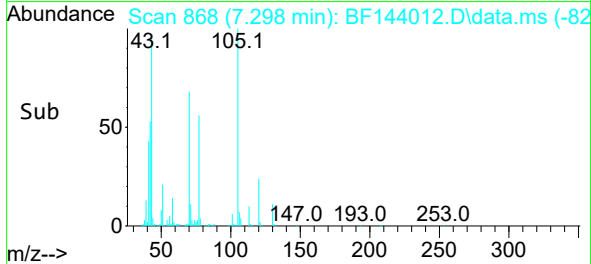
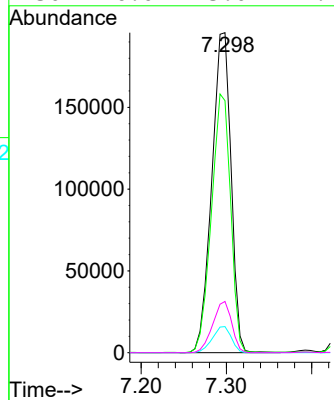
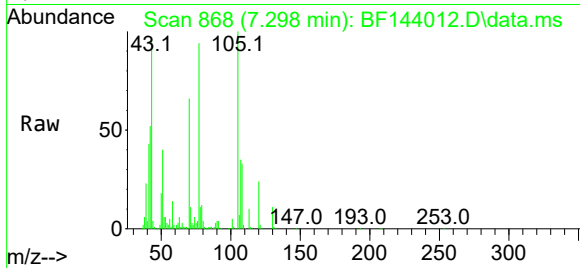


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 44.74 ng  
 RT: 7.298 min Scan# 80  
 Delta R.T. -0.018 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

Tgt Ion: 70 Resp: 306752

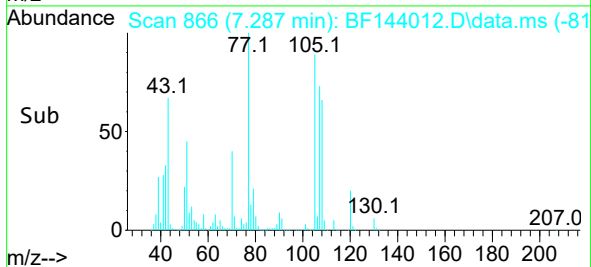
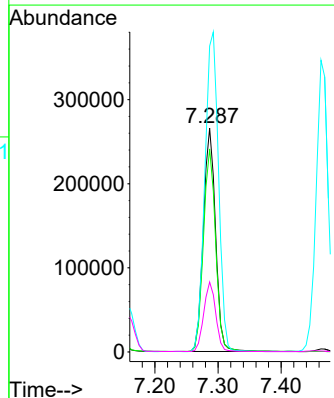
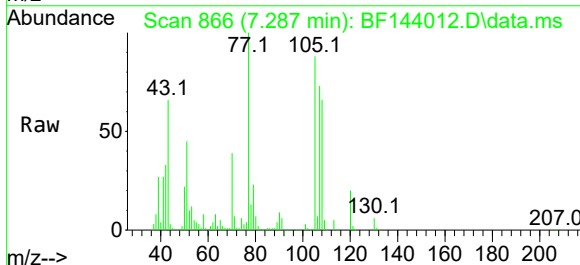
Ion	Ratio	Lower	Upper
70	100		
42	78.7	62.8	94.2
101	8.1	6.7	10.1
130	16.0	13.0	19.4

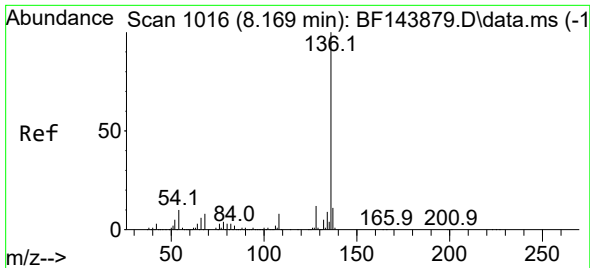


#20  
 3+4-Methylphenols  
 Concen: 45.25 ng  
 RT: 7.287 min Scan# 866  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 107 Resp: 355988

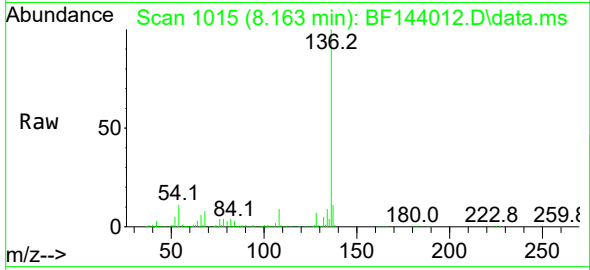
Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.0	113.0
77	136.7	64.6	104.6#
79	31.2	11.5	51.5





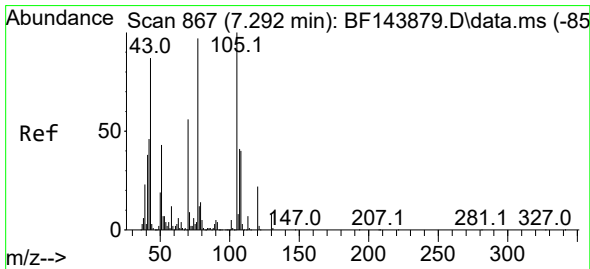
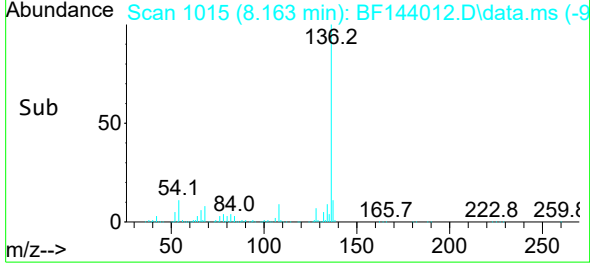
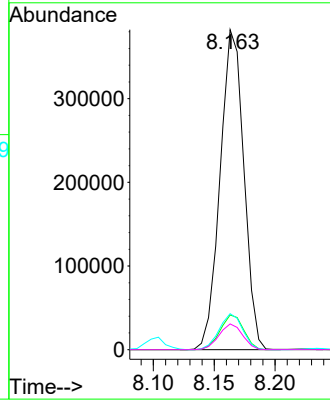
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.163 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

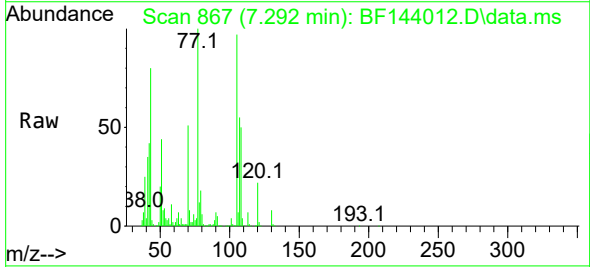


Tgt Ion:136 Resp: 518625

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.3	8.2	12.4
68	8.1	6.2	9.4

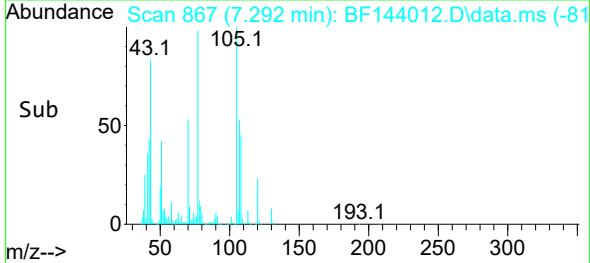
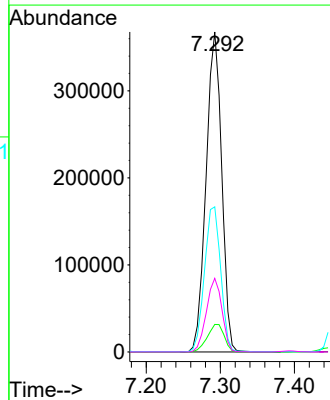


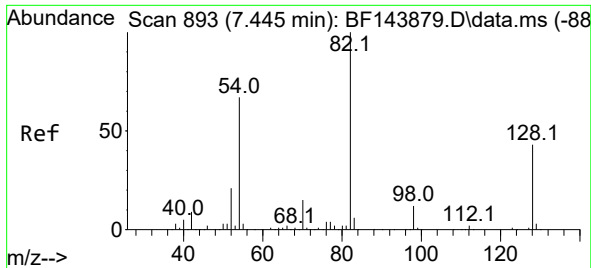
#22  
 Acetophenone  
 Concen: 49.10 ng  
 RT: 7.292 min Scan# 867  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



Tgt Ion:105 Resp: 538406

Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.4	11.0
51	45.4	34.2	51.4
120	23.0	17.7	26.5



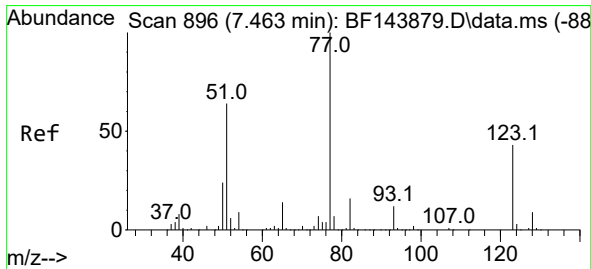
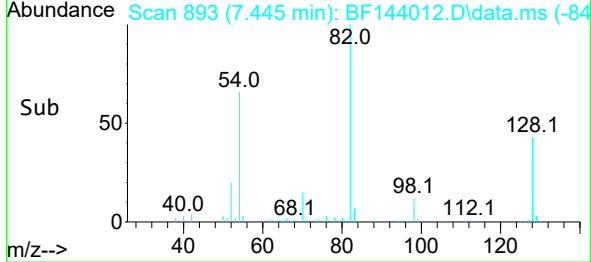
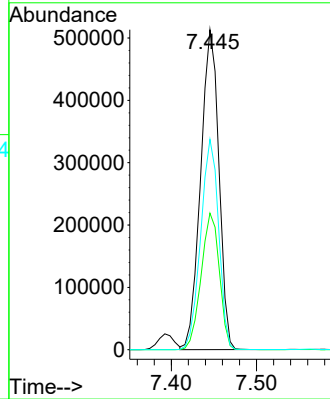
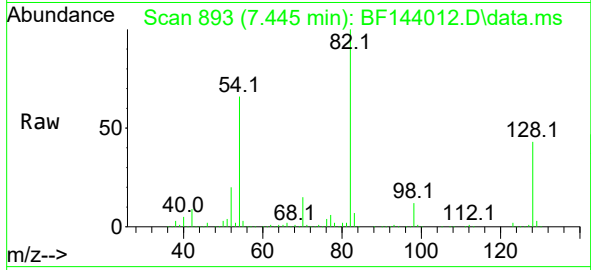


#23  
 Nitrobenzene-d5  
 Concen: 89.21 ng  
 RT: 7.445 min Scan# 893  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion: 82 Resp: 761520

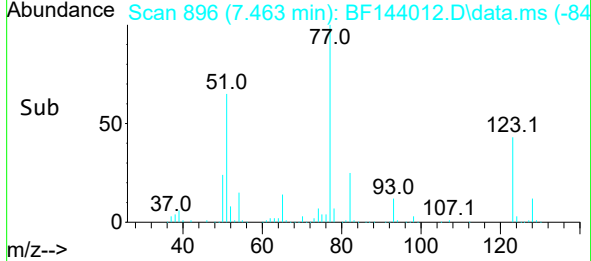
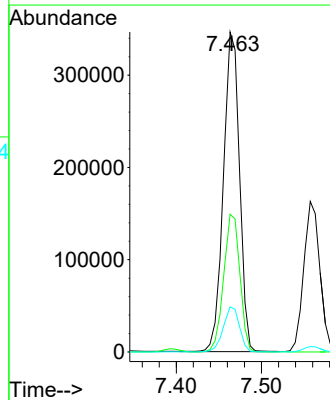
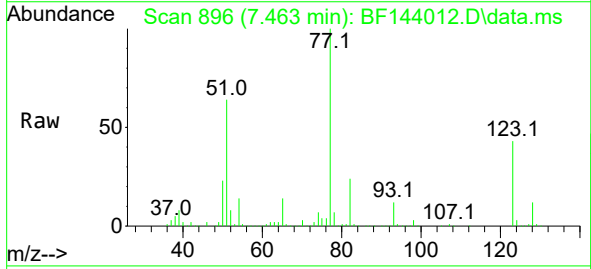
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	65.8	53.2	79.8

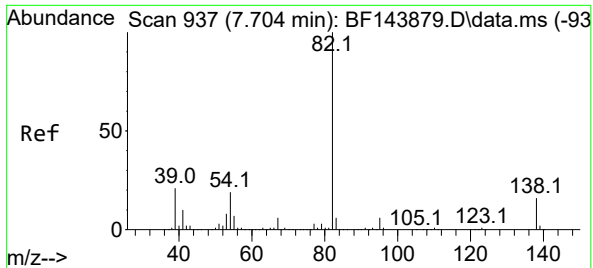


#24  
 Nitrobenzene  
 Concen: 48.17 ng  
 RT: 7.463 min Scan# 896  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 77 Resp: 456621

Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.2	51.4
65	14.1	11.0	16.6



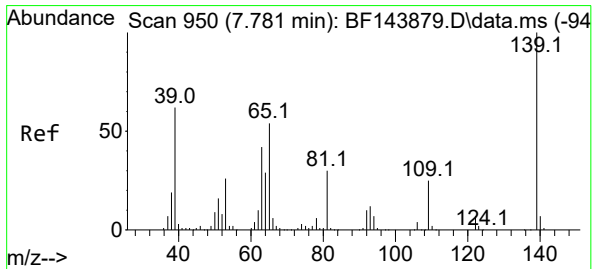
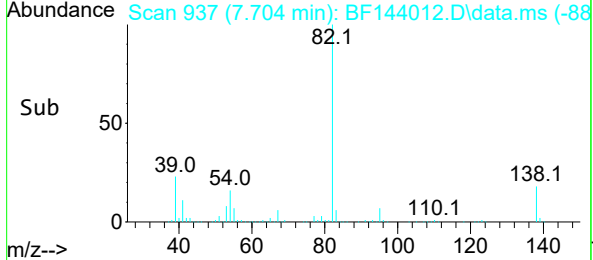
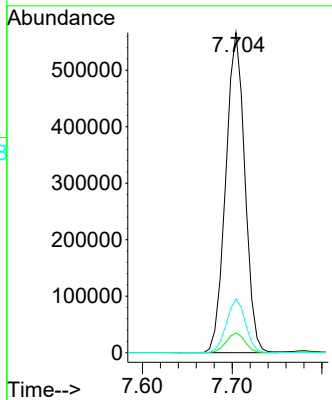
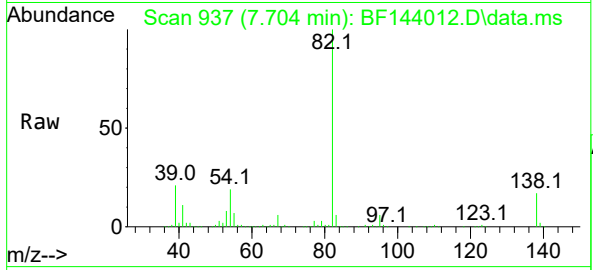


#25  
 Isophorone  
 Concen: 46.51 ng  
 RT: 7.704 min Scan# 91  
 Delta R.T. -0.018 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion: 82 Resp: 837165

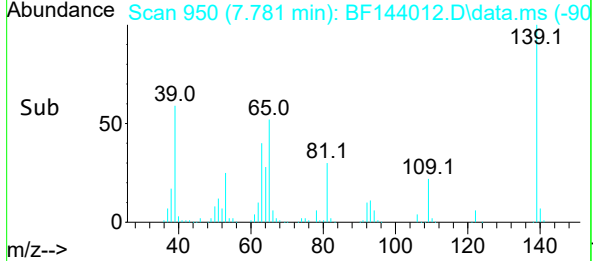
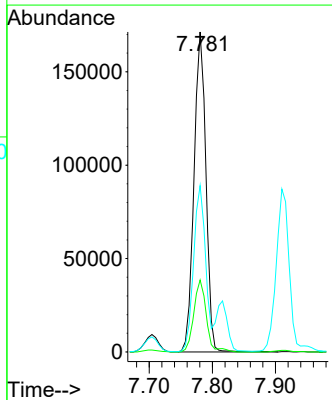
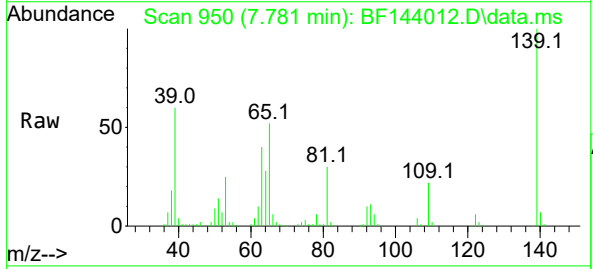
Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.8	12.9	19.3



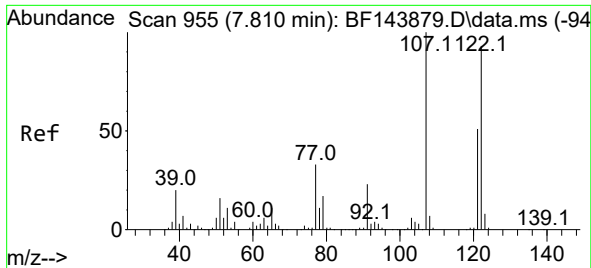
#26  
 2-Nitrophenol  
 Concen: 55.24 ng  
 RT: 7.781 min Scan# 950  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 139 Resp: 224501

Ion	Ratio	Lower	Upper
139	100		
109	22.5	19.8	29.6
65	52.0	42.9	64.3





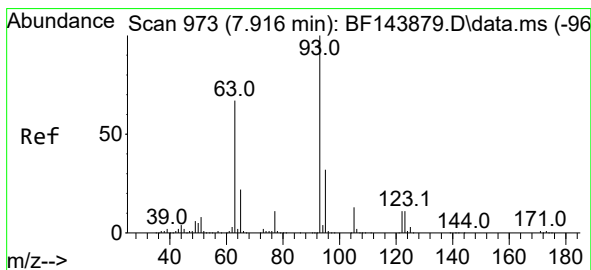
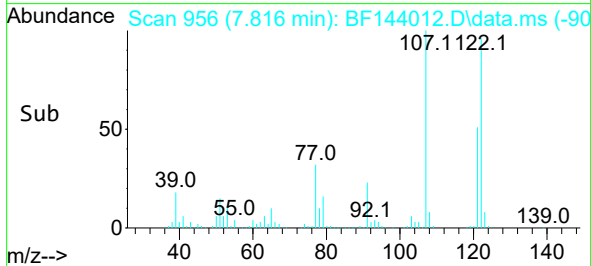
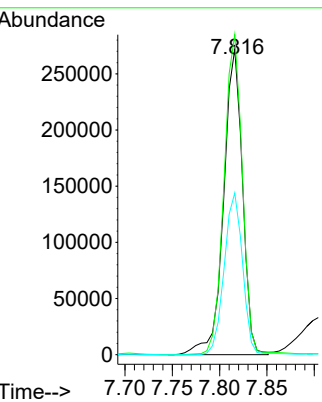
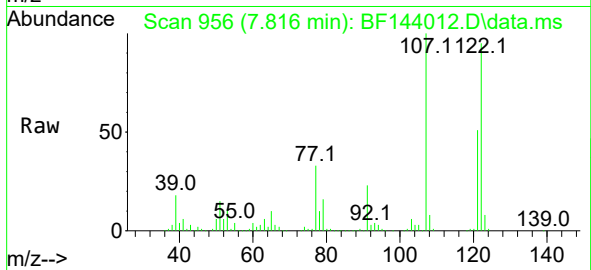


#27  
 2,4-Dimethylphenol  
 Concen: 51.55 ng  
 RT: 7.816 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

Tgt Ion:122 Resp: 376854

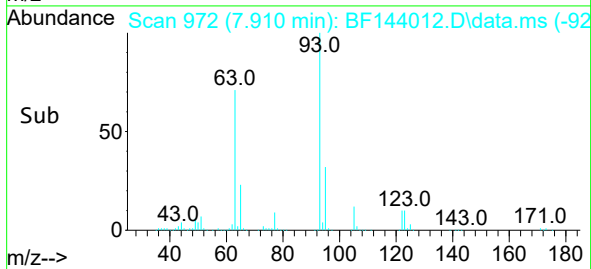
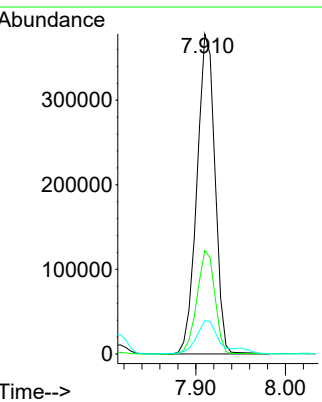
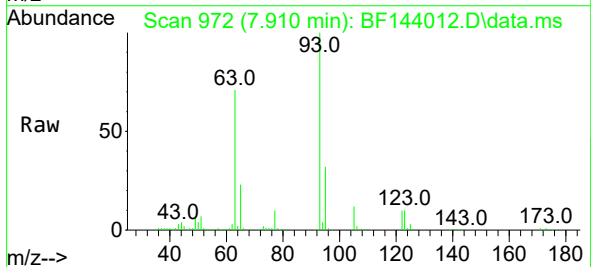
Ion	Ratio	Lower	Upper
122	100		
107	104.7	86.1	129.1
121	52.9	43.8	65.6

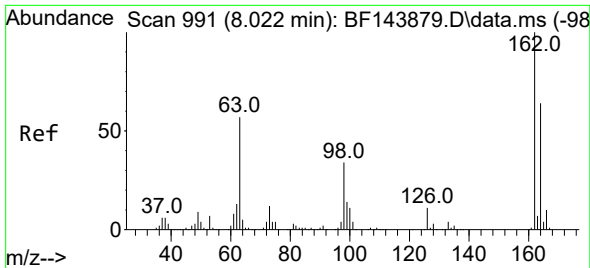


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.50 ng  
 RT: 7.910 min Scan# 972  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 93 Resp: 528721

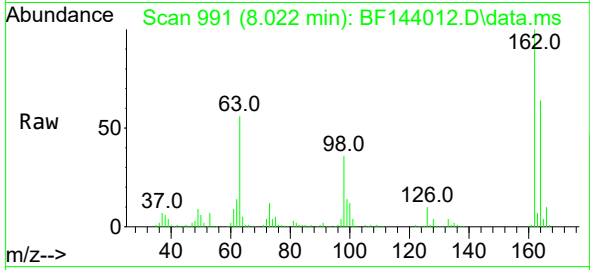
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	10.4	9.4	14.0





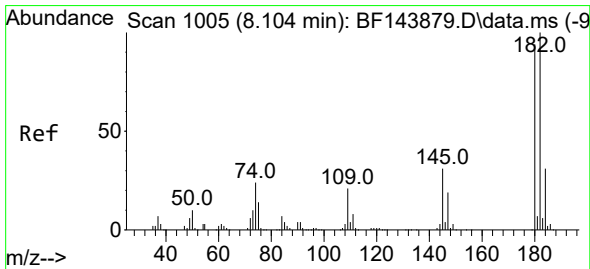
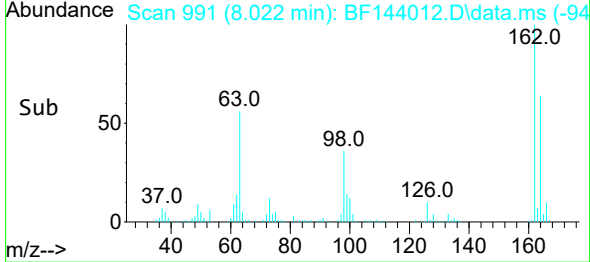
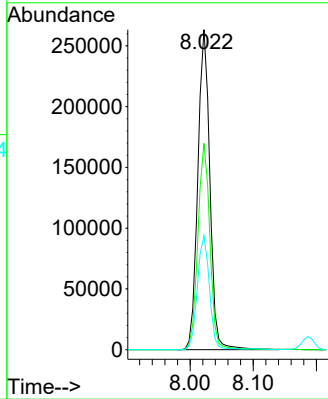
#29  
 2,4-Dichlorophenol  
 Concen: 45.85 ng  
 RT: 8.022 min Scan# 991  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 Client Sample Id : PB170166BSD



Tgt Ion:162 Resp: 349149

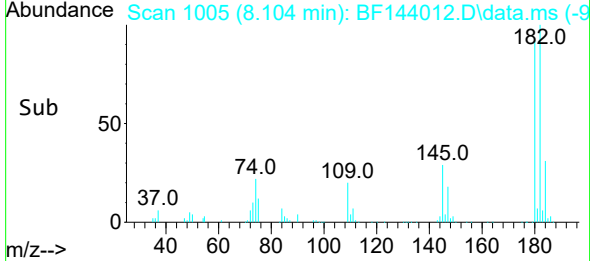
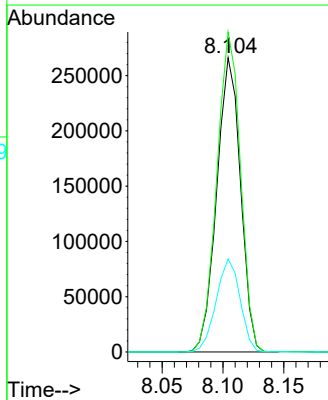
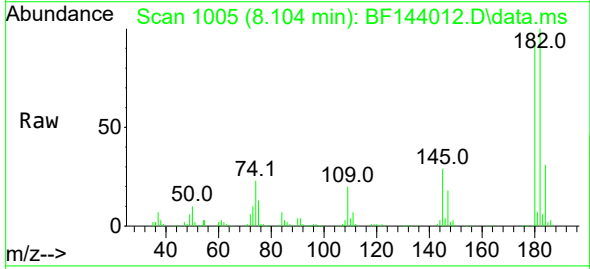
Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.9	83.9
98	35.7	14.4	54.4

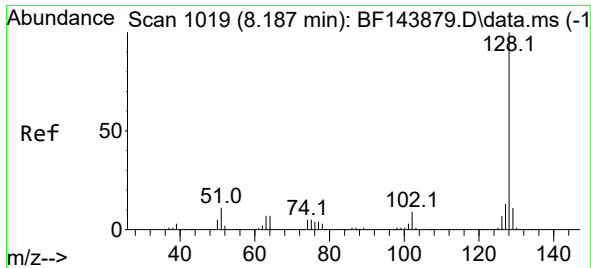


#30  
 1,2,4-Trichlorobenzene  
 Concen: 48.39 ng  
 RT: 8.104 min Scan# 1005  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:180 Resp: 362396

Ion	Ratio	Lower	Upper
180	100		
182	108.8	85.4	128.0
145	31.7	26.3	39.5





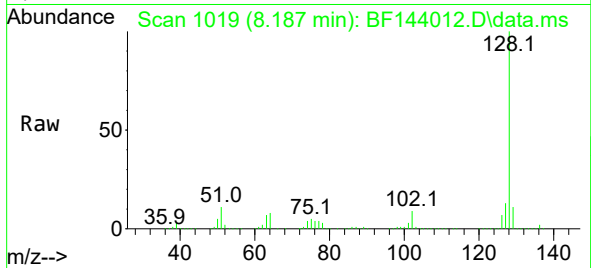
#31  
 Naphthalene  
 Concen: 45.14 ng  
 RT: 8.187 min Scan# 1019  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :

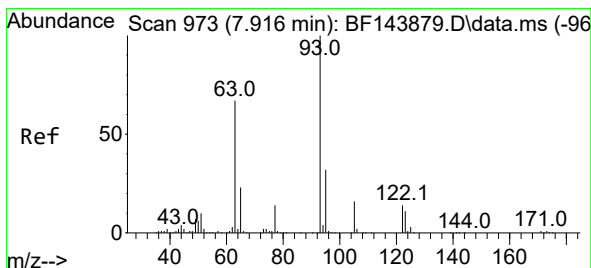
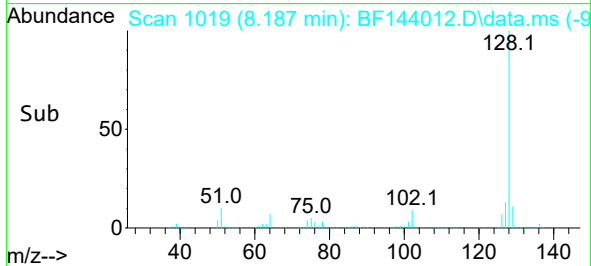
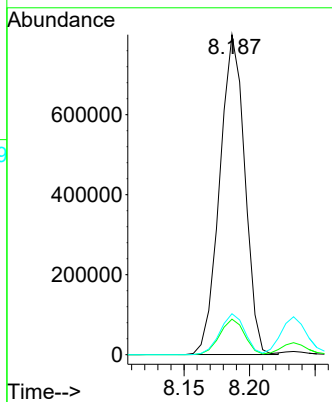
BNA\_F

ClientSampleId :

PB170166BSD

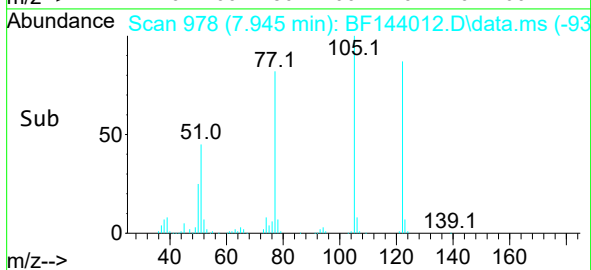
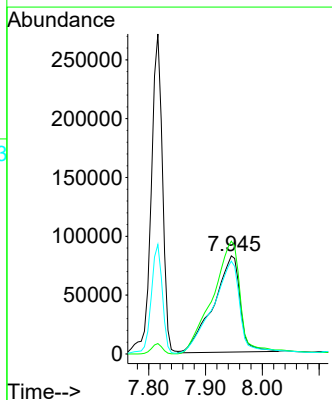
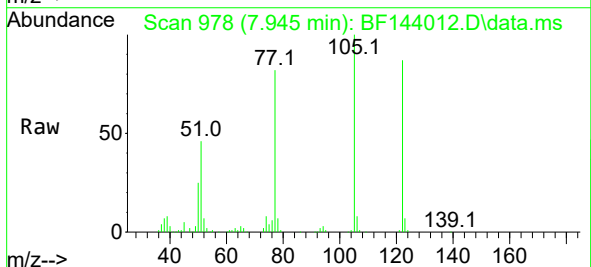


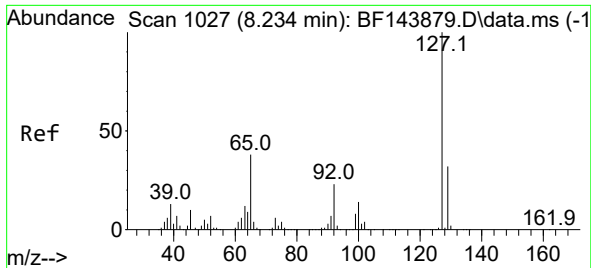
Tgt Ion:128 Resp: 1064832  
 Ion Ratio Lower Upper  
 128 100  
 129 11.1 8.7 13.1  
 127 12.8 10.0 15.0



#32  
 Benzoic acid  
 Concen: 52.96 ng  
 RT: 7.945 min Scan# 978  
 Delta R.T. -0.018 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

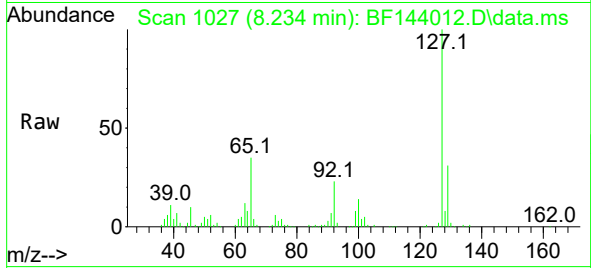
Tgt Ion:122 Resp: 267946  
 Ion Ratio Lower Upper  
 122 100  
 105 115.1 93.5 133.5  
 77 94.7 76.3 116.3





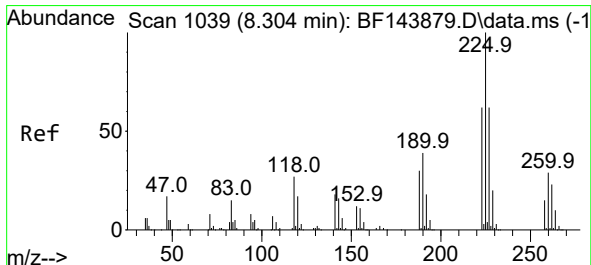
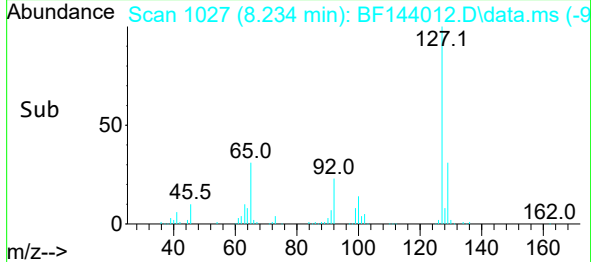
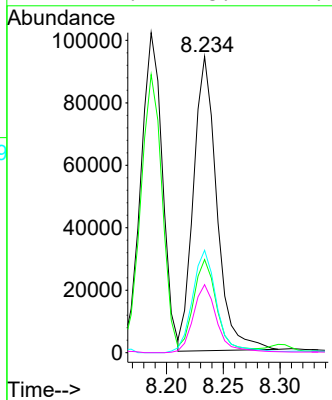
#33  
 4-Chloroaniline  
 Concen: 15.23 ng  
 RT: 8.234 min Scan# 1027  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 Client Sample Id : PB170166BSD



Tgt Ion:127 Resp: 134768

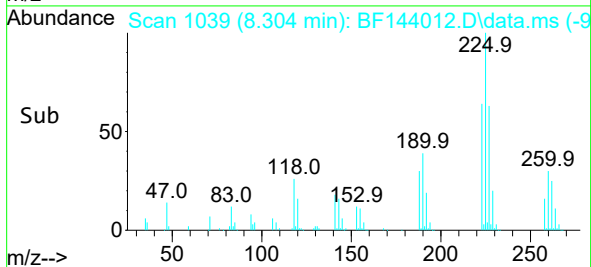
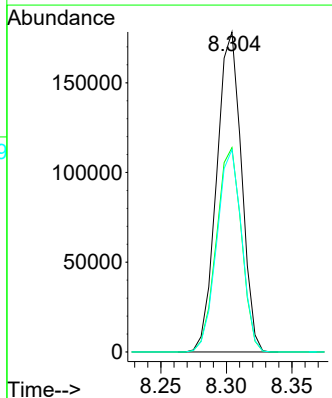
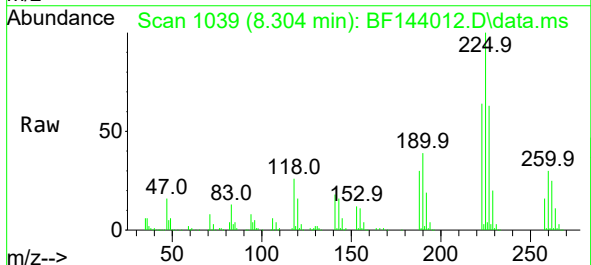
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	34.6	30.0	45.0
92	22.9	18.2	27.2

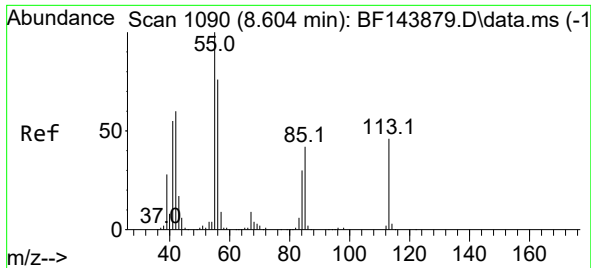


#34  
 Hexachlorobutadiene  
 Concen: 45.01 ng  
 RT: 8.304 min Scan# 1039  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:225 Resp: 234234

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.2
227	63.2	49.7	74.5



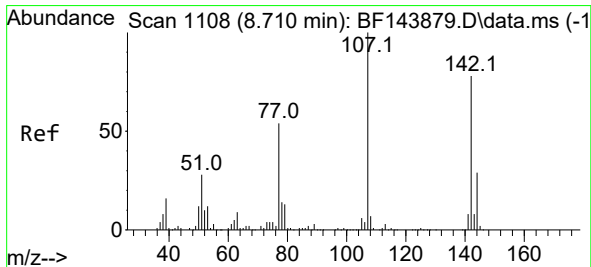
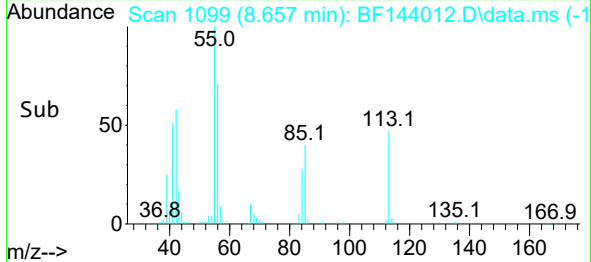
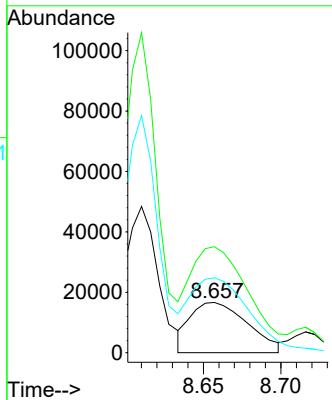
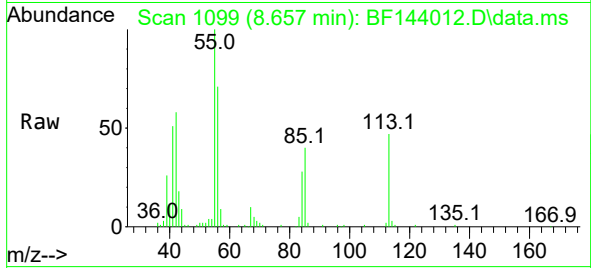


#35  
 Caprolactam  
 Concen: 17.65 ng  
 RT: 8.657 min Scan# 1109  
 Delta R.T. 0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:113 Resp: 42739

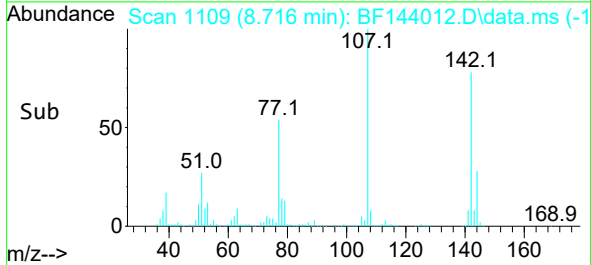
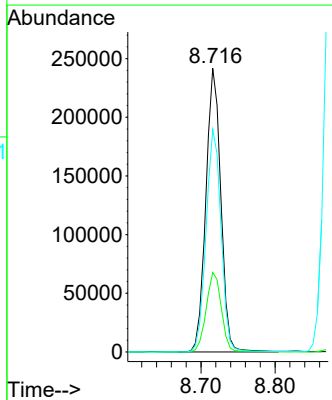
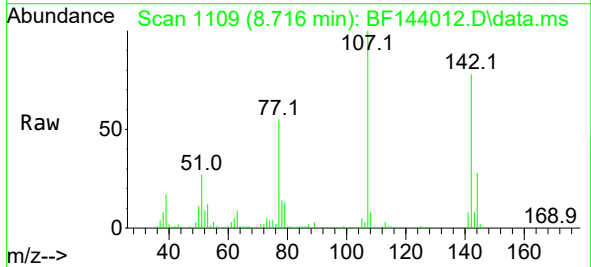
Ion	Ratio	Lower	Upper
113	100		
55	211.5	199.6	239.6
56	149.2	146.0	186.0

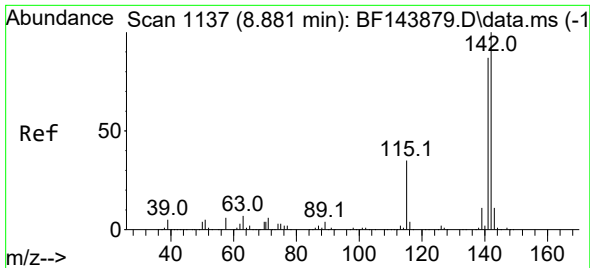


#36  
 4-Chloro-3-methylphenol  
 Concen: 46.38 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:107 Resp: 339307

Ion	Ratio	Lower	Upper
107	100		
144	28.0	23.1	34.7
142	78.4	62.6	94.0





#37  
 2-Methylnaphthalene  
 Concen: 41.39 ng  
 RT: 8.881 min Scan# 1137  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

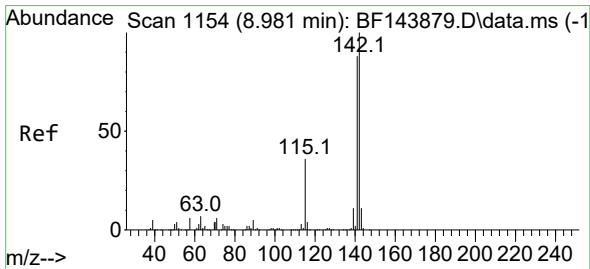
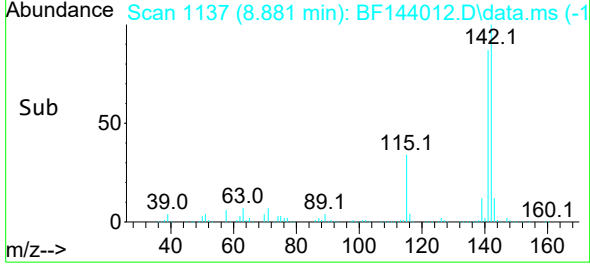
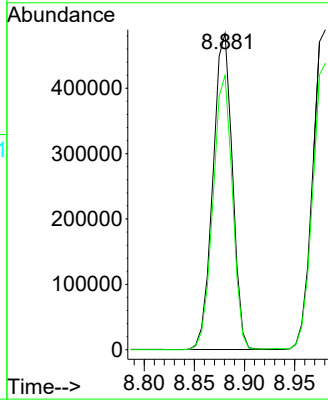
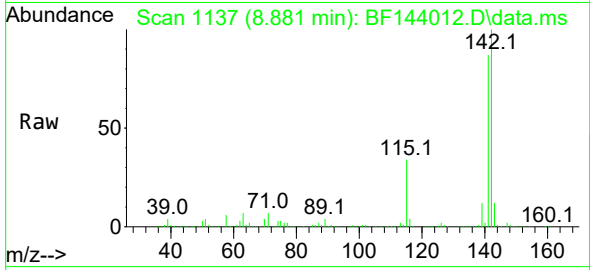
Instrument :

BNA\_F

Client SampleId :

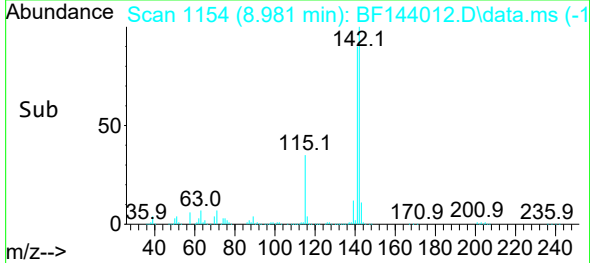
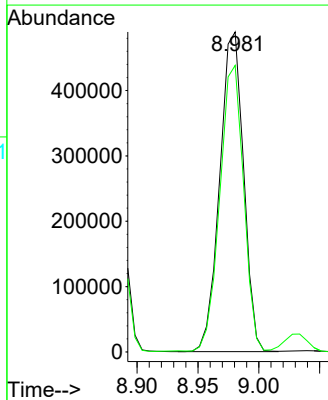
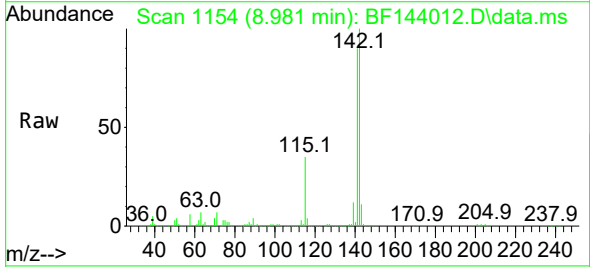
PB170166BSD

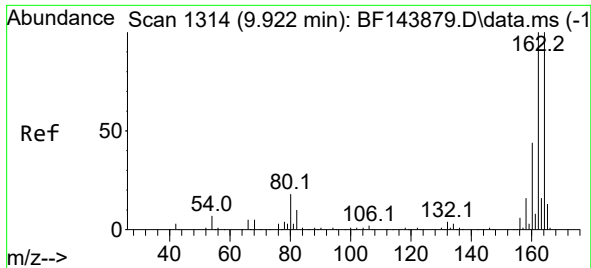
Tgt Ion:142 Resp: 650390  
 Ion Ratio Lower Upper  
 142 100  
 141 86.7 69.2 103.8



#38  
 1-Methylnaphthalene  
 Concen: 43.72 ng  
 RT: 8.981 min Scan# 1154  
 Delta R.T. -0.005 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

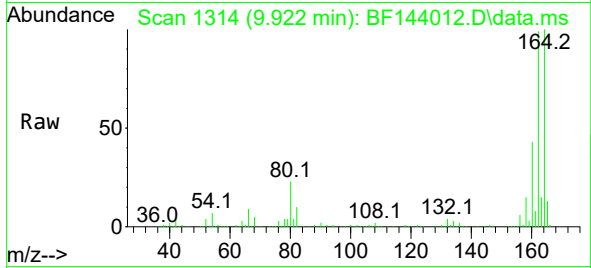
Tgt Ion:142 Resp: 666453  
 Ion Ratio Lower Upper  
 142 100  
 141 89.5 70.8 106.2



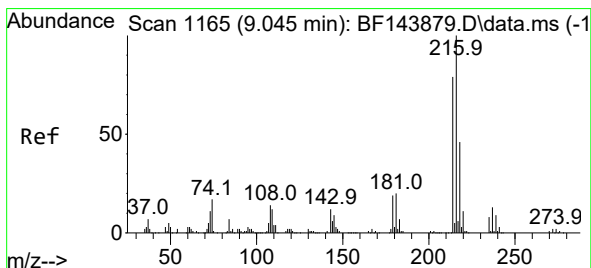
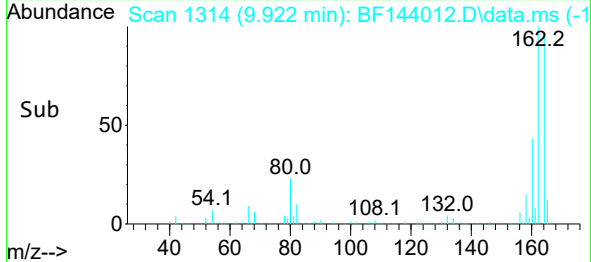
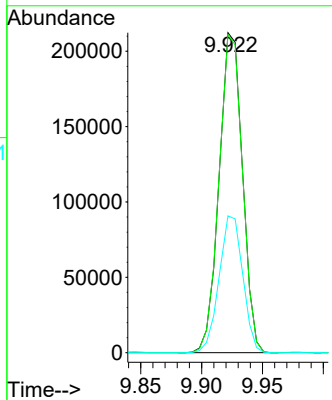


#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.922 min Scan# 111  
 Delta R.T. -0.005 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

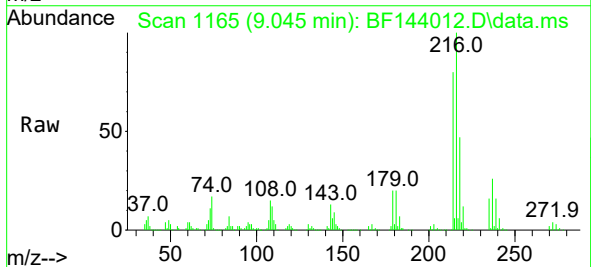
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD



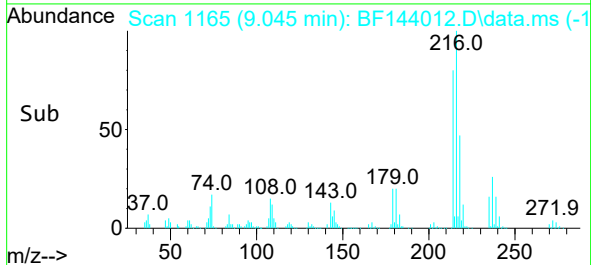
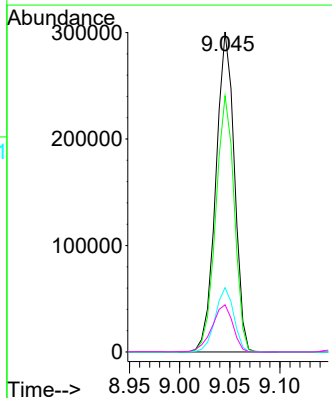
Tgt Ion:164 Resp: 283438  
 Ion Ratio Lower Upper  
 164 100  
 162 99.4 80.2 120.2  
 160 42.8 35.4 53.0

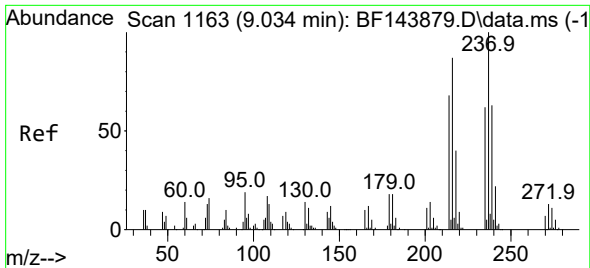


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 49.31 ng  
 RT: 9.045 min Scan# 1165  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



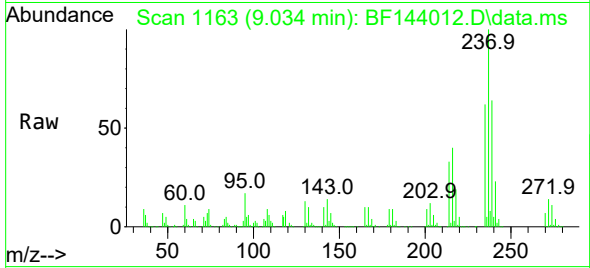
Tgt Ion:216 Resp: 386272  
 Ion Ratio Lower Upper  
 216 100  
 214 79.8 62.6 94.0  
 179 20.0 15.4 23.0  
 108 16.7 12.0 18.0



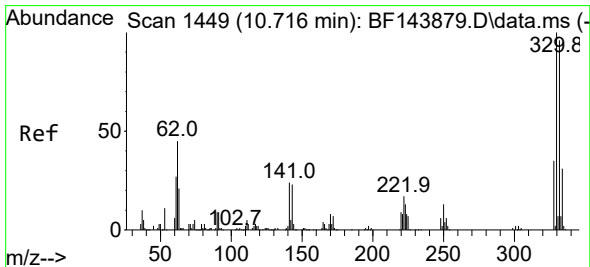
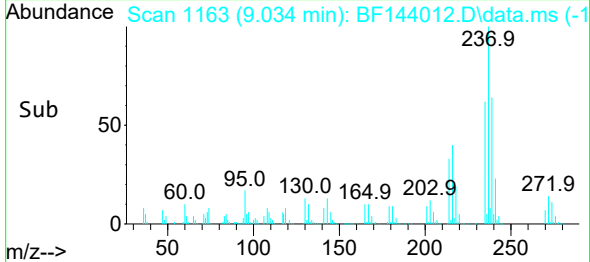
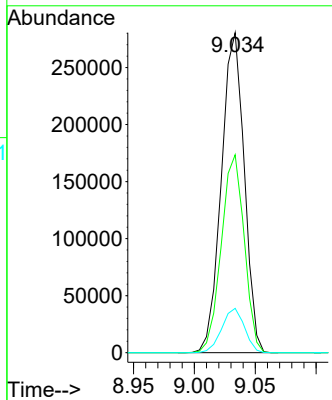


#41  
 Hexachlorocyclopentadiene  
 Concen: 113.02 ng  
 RT: 9.034 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

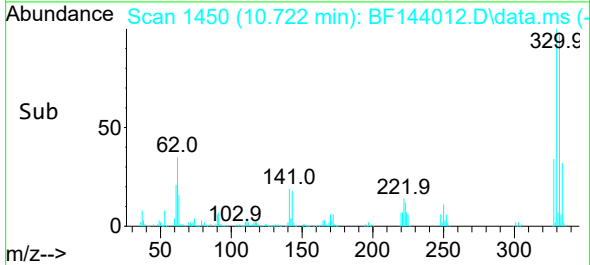
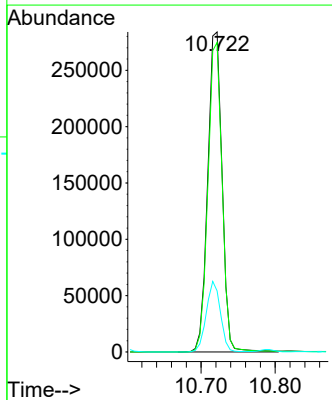
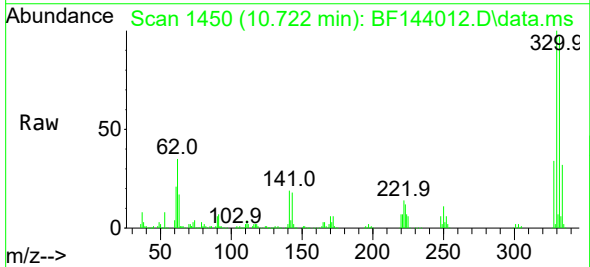


Tgt Ion:237 Resp: 367321  
 Ion Ratio Lower Upper  
 237 100  
 235 61.8 42.3 82.3  
 272 13.9 0.0 33.1

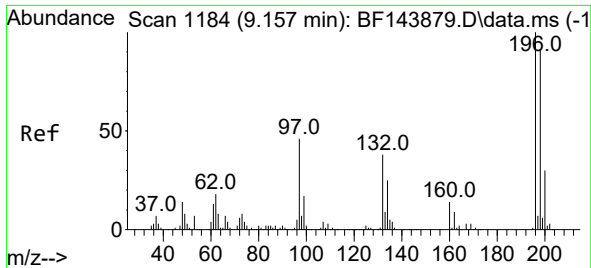


#42  
 2,4,6-Tribromophenol  
 Concen: 135.20 ng  
 RT: 10.722 min Scan# 1450  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:330 Resp: 381681  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 76.9 115.3  
 141 21.9 20.2 30.4

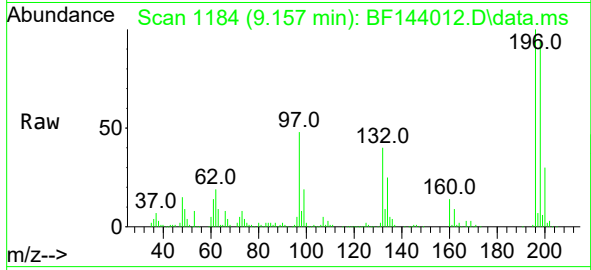




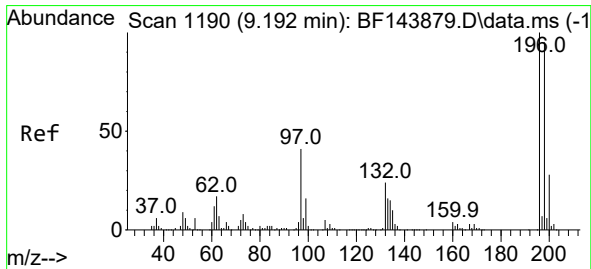
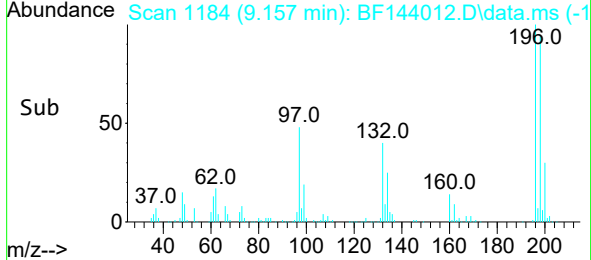
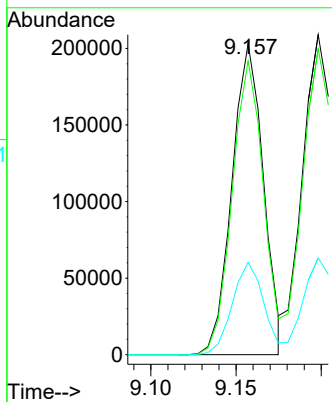


#43  
 2,4,6-Trichlorophenol  
 Concen: 45.57 ng  
 RT: 9.157 min Scan# 1184  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

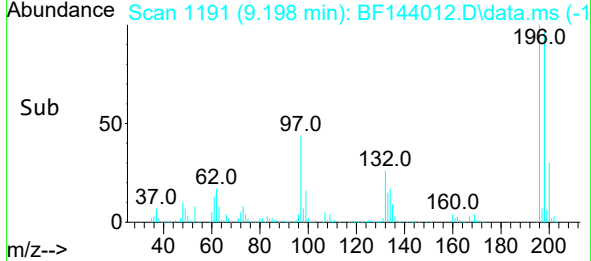
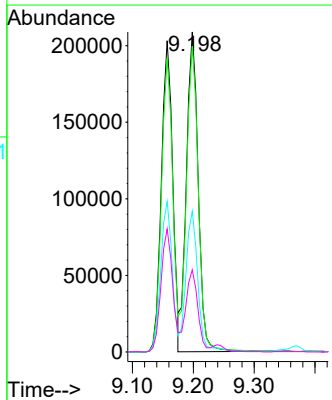
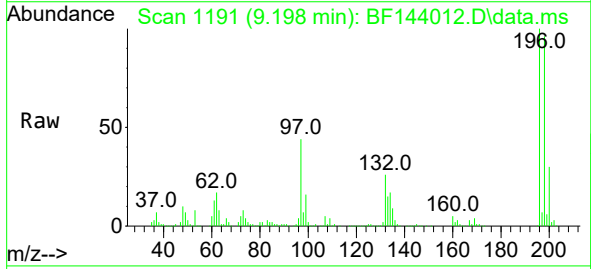


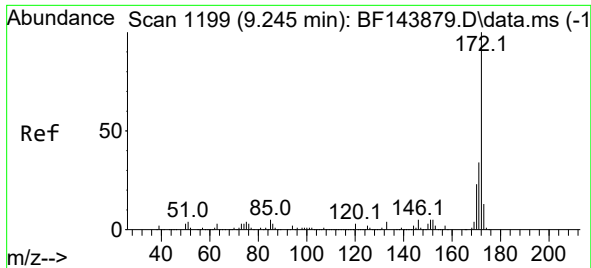
Tgt Ion:196 Resp: 260843  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 72.8 109.2  
 200 29.7 24.0 36.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.49 ng  
 RT: 9.198 min Scan# 1191  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:196 Resp: 281193  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 75.5 113.3  
 97 44.0 33.9 50.9  
 132 25.6 20.0 30.0



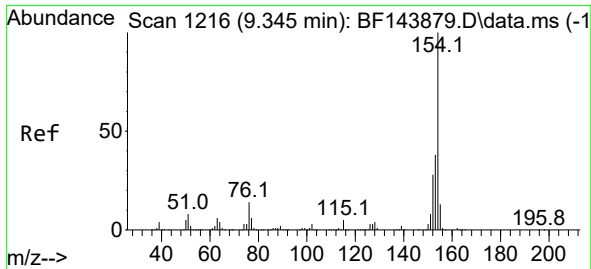
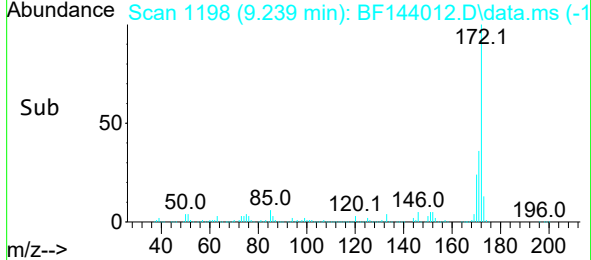
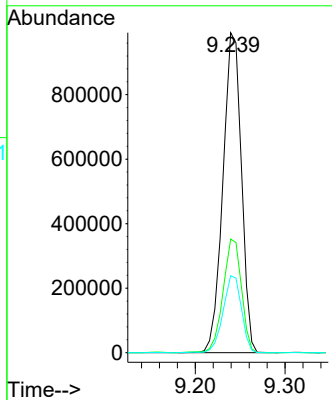
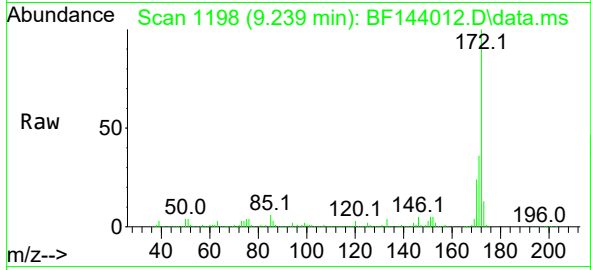


#45  
 2-Fluorobiphenyl  
 Concen: 79.39 ng  
 RT: 9.239 min Scan# 1198  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:172 Resp: 1418195

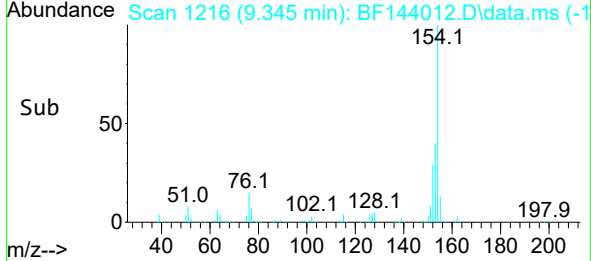
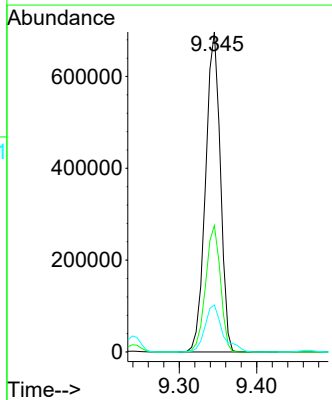
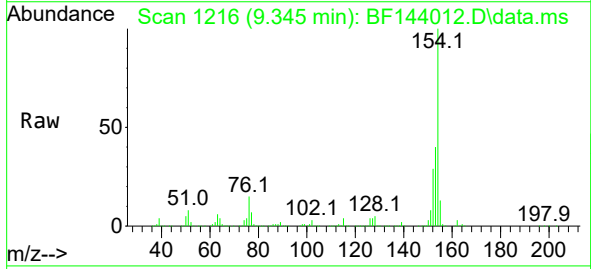
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.1	18.6	28.0

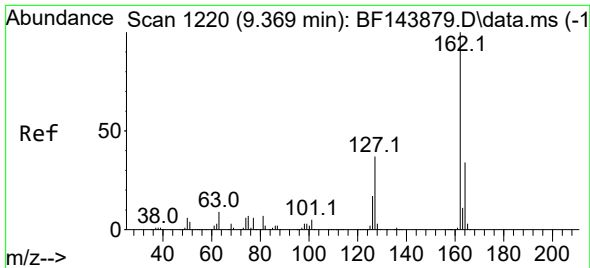


#46  
 1,1'-Biphenyl  
 Concen: 49.10 ng  
 RT: 9.345 min Scan# 1216  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:154 Resp: 921388

Ion	Ratio	Lower	Upper
154	100		
153	39.6	18.4	58.4
76	14.7	0.0	34.0





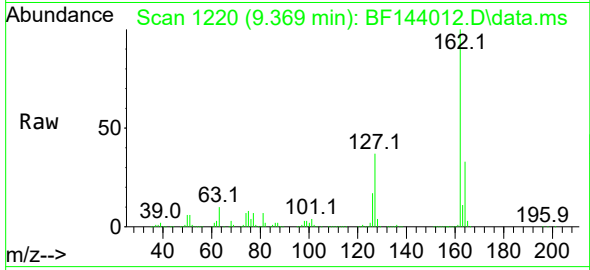
#47  
 2-Chloronaphthalene  
 Concen: 45.32 ng  
 RT: 9.369 min Scan# 111  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :

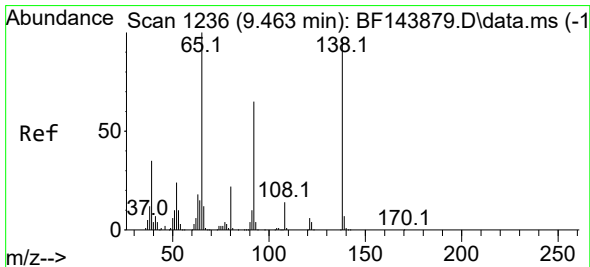
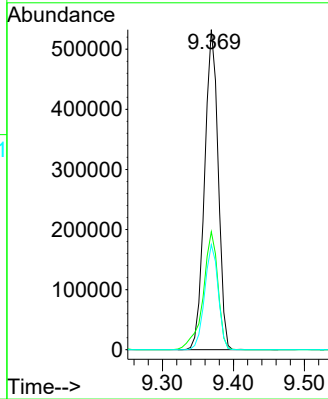
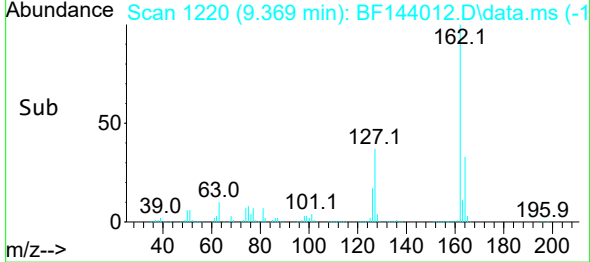
BNA\_F

ClientSampleId :

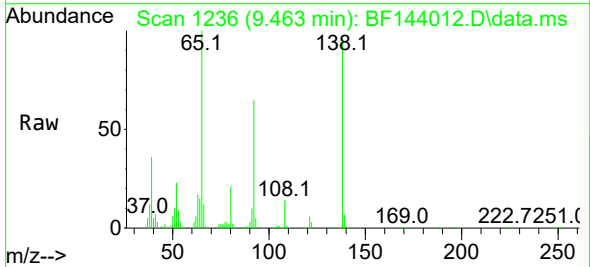
PB170166BSD



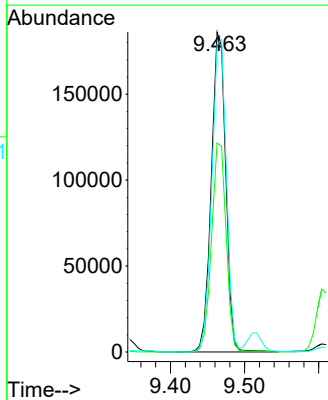
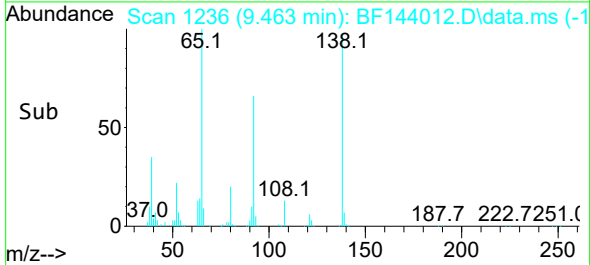
Tgt Ion:162 Resp: 709052  
 Ion Ratio Lower Upper  
 162 100  
 127 36.8 30.2 45.2  
 164 32.8 26.9 40.3

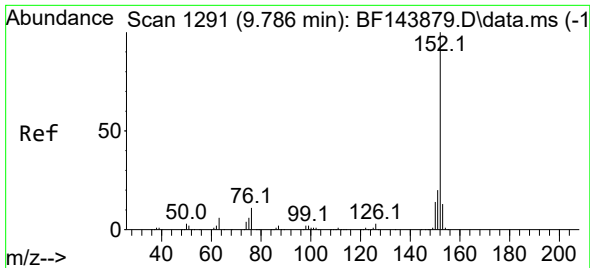


#48  
 2-Nitroaniline  
 Concen: 50.95 ng  
 RT: 9.463 min Scan# 1236  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



Tgt Ion: 65 Resp: 252025  
 Ion Ratio Lower Upper  
 65 100  
 92 65.3 52.1 78.1  
 138 96.0 77.4 116.2



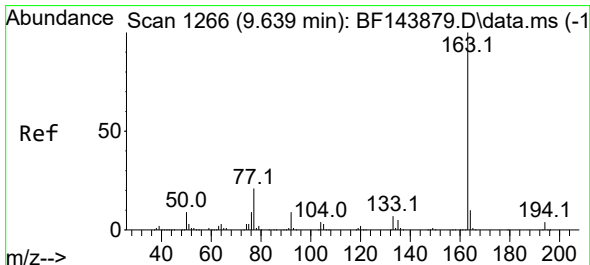
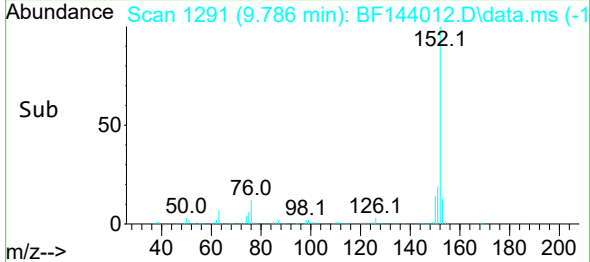
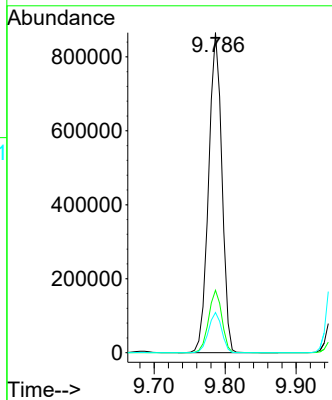
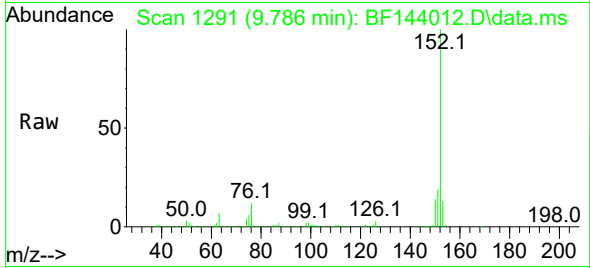


#49  
 Acenaphthylene  
 Concen: 51.05 ng  
 RT: 9.786 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:152 Resp: 1122935

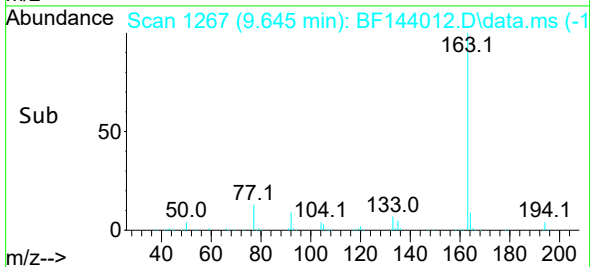
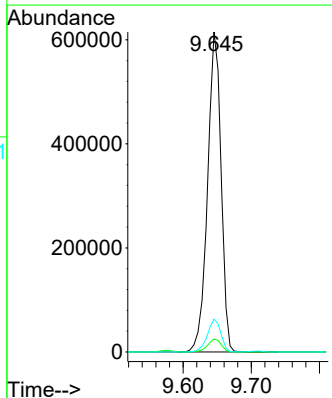
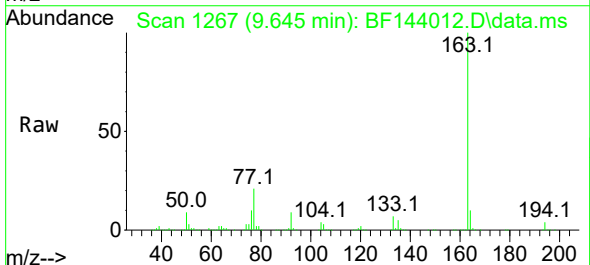
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.5	10.5	15.7

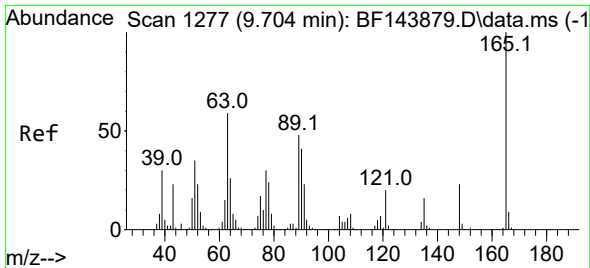


#50  
 Dimethylphthalate  
 Concen: 47.01 ng  
 RT: 9.645 min Scan# 1267  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:163 Resp: 846171

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.1	12.1



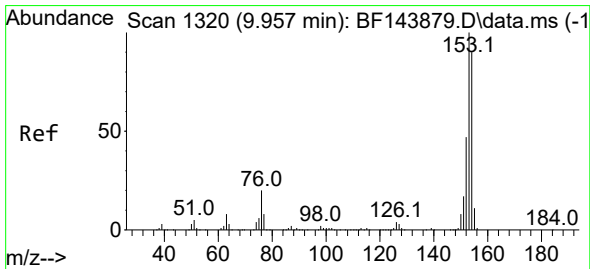
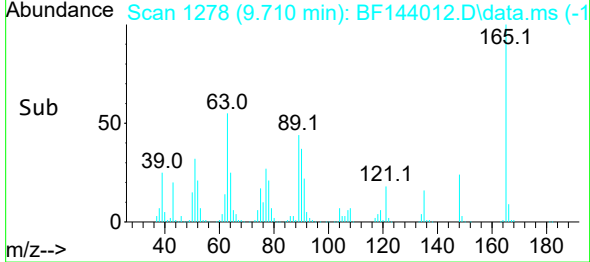
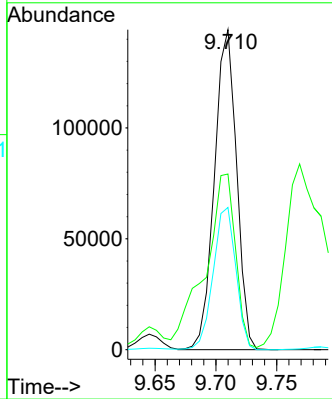
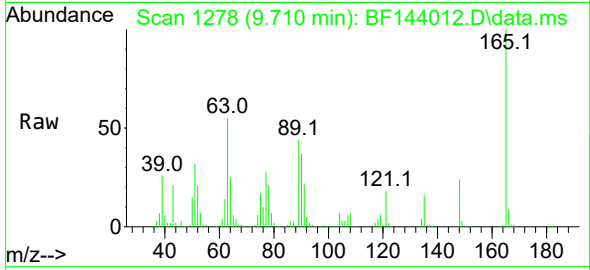


#51  
 2,6-Dinitrotoluene  
 Concen: 54.93 ng  
 RT: 9.710 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:165 Resp: 183336

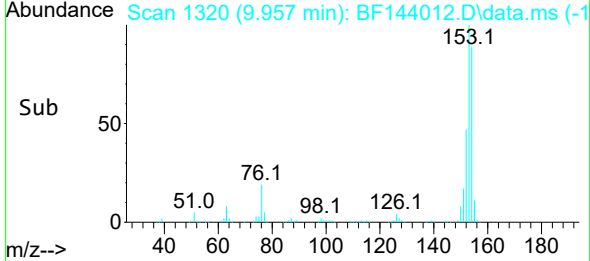
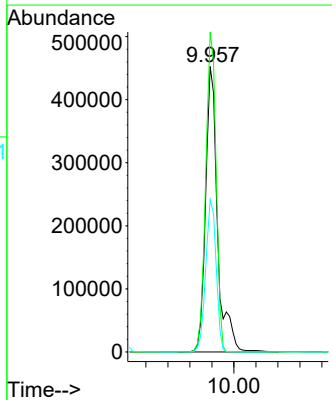
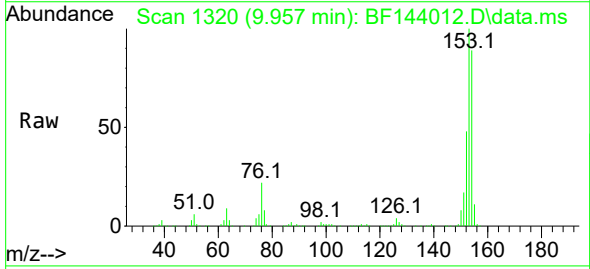
Ion	Ratio	Lower	Upper
165	100		
63	54.9	47.3	70.9
89	44.4	38.2	57.4

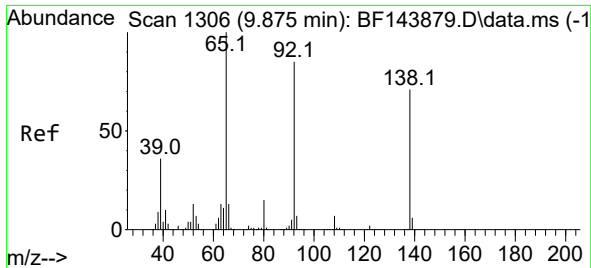


#52  
 Acenaphthene  
 Concen: 47.47 ng  
 RT: 9.957 min Scan# 1320  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:154 Resp: 684189

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.3	133.9
152	53.4	42.2	63.2





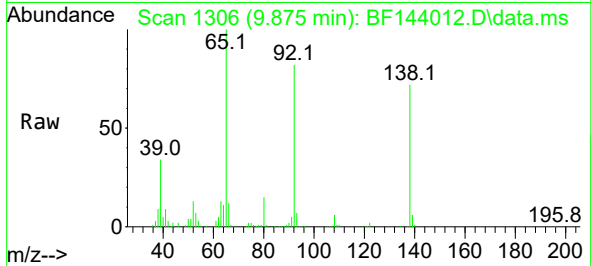
#53  
 3-Nitroaniline  
 Concen: 29.11 ng  
 RT: 9.875 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :

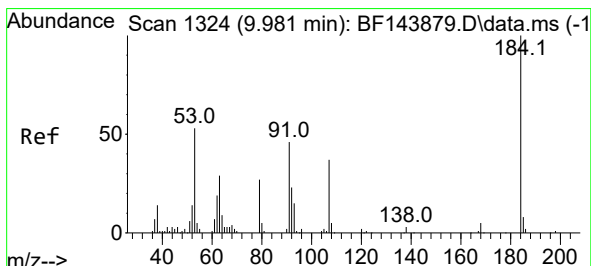
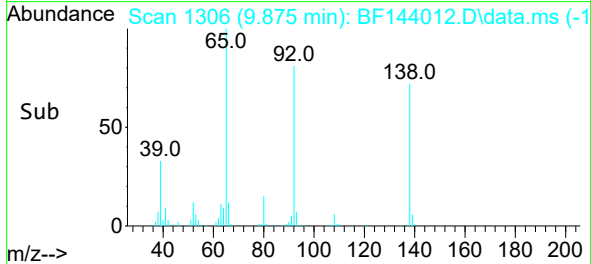
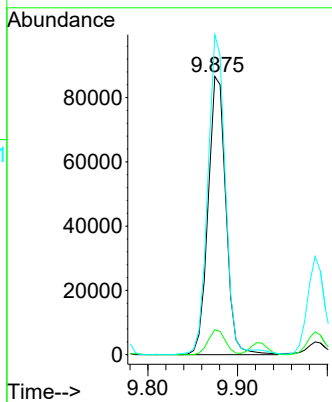
BNA\_F

ClientSampleId :

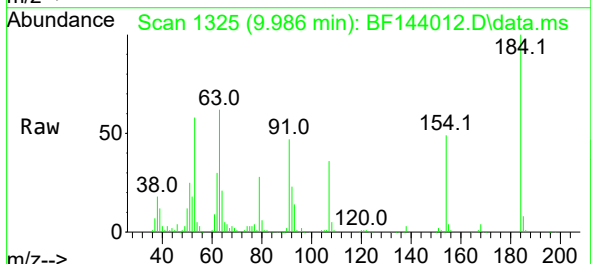
PB170166BSD



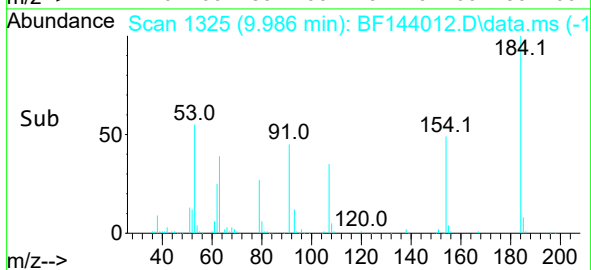
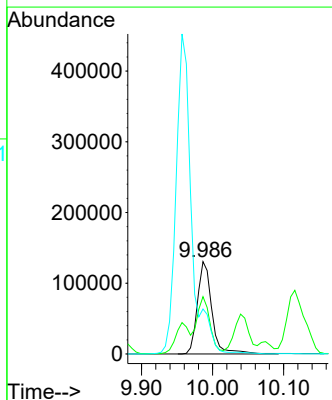
Tgt Ion:138 Resp: 118984  
 Ion Ratio Lower Upper  
 138 100  
 108 9.0 8.3 12.5  
 92 115.0 96.2 144.2

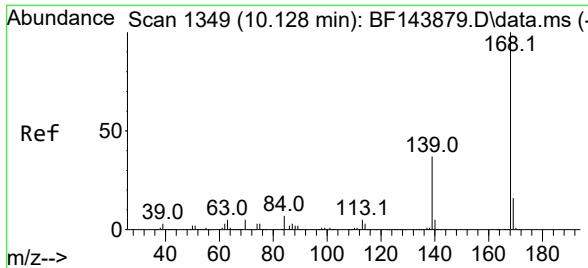


#54  
 2,4-Dinitrophenol  
 Concen: 89.37 ng  
 RT: 9.986 min Scan# 1325  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



Tgt Ion:184 Resp: 185834  
 Ion Ratio Lower Upper  
 184 100  
 63 62.1 48.2 72.4  
 154 48.7 49.2 73.8#



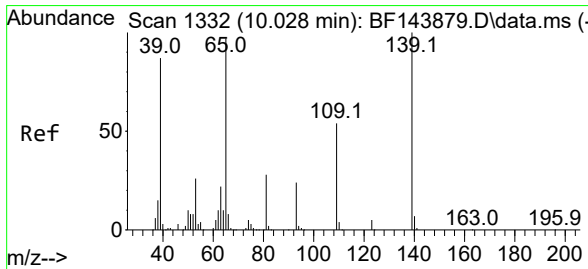
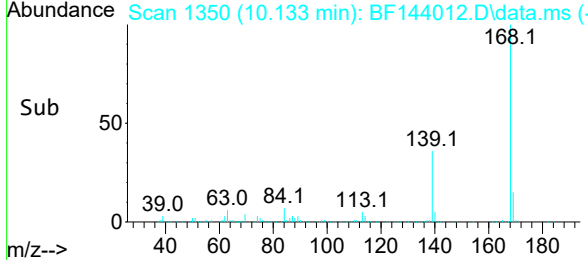
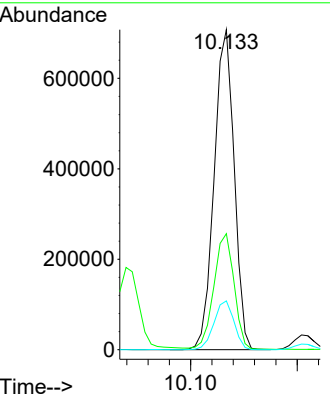
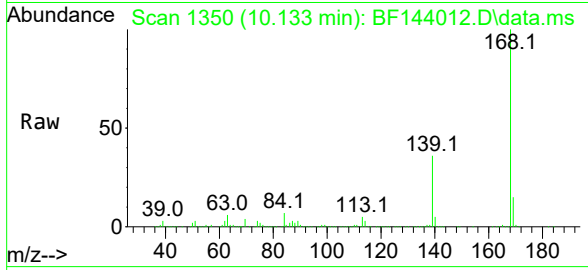


#55  
 Dibenzofuran  
 Concen: 45.32 ng  
 RT: 10.133 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:168 Resp: 922016

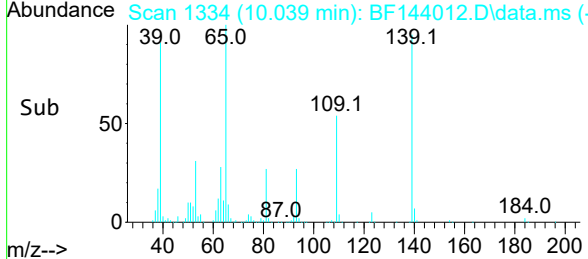
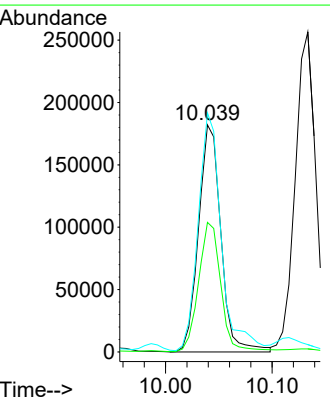
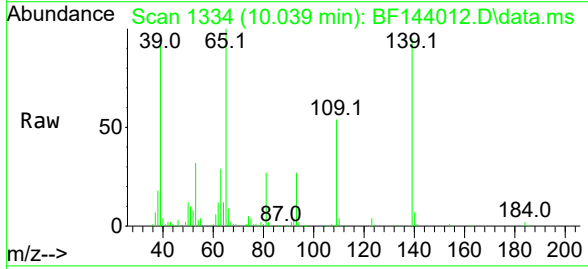
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.8	44.8
169	15.3	12.8	19.2

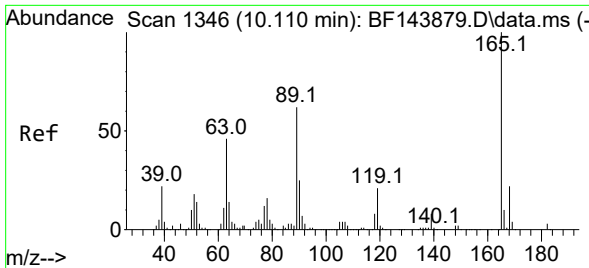


#56  
 4-Nitrophenol  
 Concen: 85.82 ng  
 RT: 10.039 min Scan# 1334  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:139 Resp: 265552

Ion	Ratio	Lower	Upper
139	100		
109	57.1	34.5	74.5
65	105.3	77.6	117.6



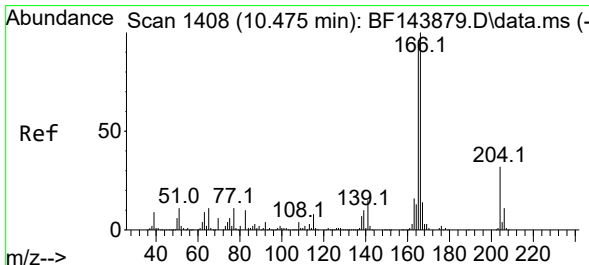
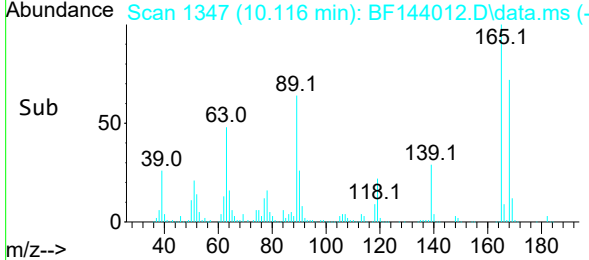
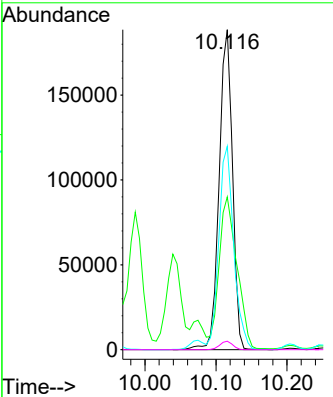
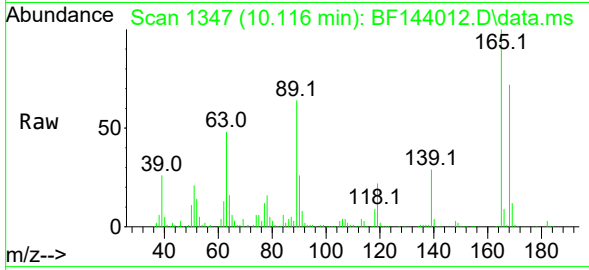


#57  
 2,4-Dinitrotoluene  
 Concen: 53.92 ng  
 RT: 10.116 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:165 Resp: 244879

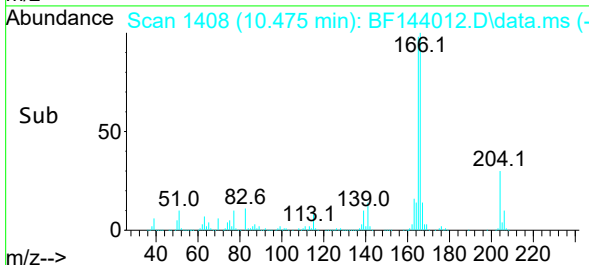
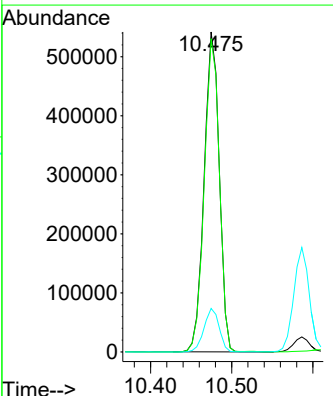
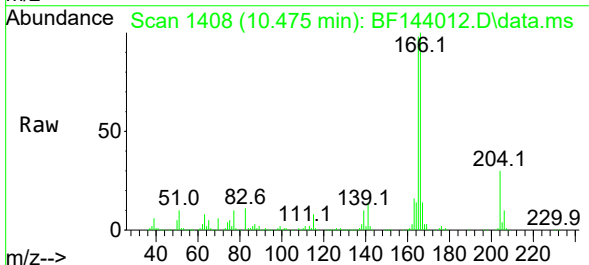
Ion	Ratio	Lower	Upper
165	100		
63	47.7	37.2	55.8
89	63.5	49.4	74.2
182	2.7	2.1	3.1



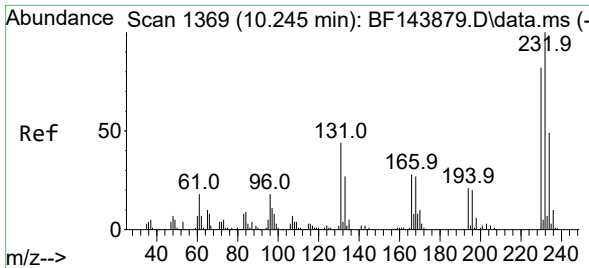
#58  
 Fluorene  
 Concen: 45.56 ng  
 RT: 10.475 min Scan# 1408  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:166 Resp: 699527

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.0	115.6
167	13.6	11.1	16.7

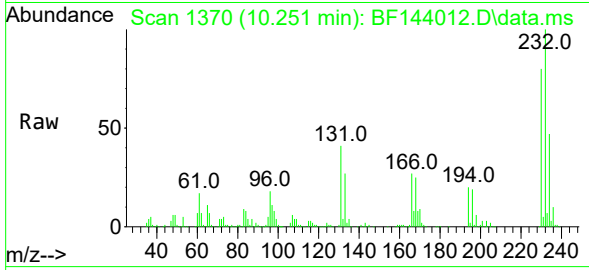




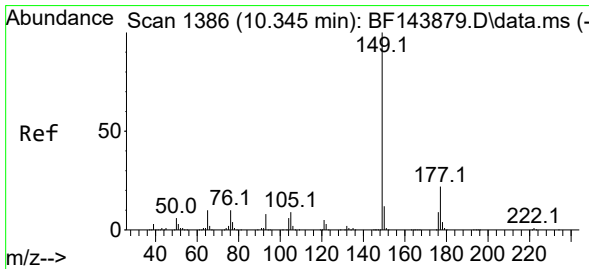
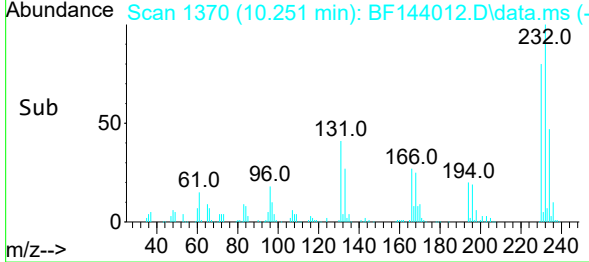
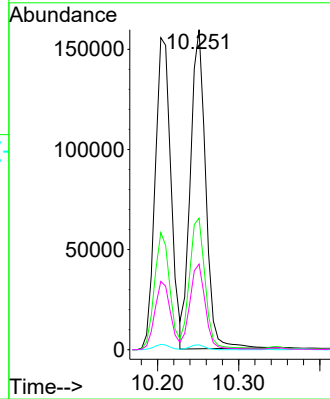


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.87 ng  
 RT: 10.251 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

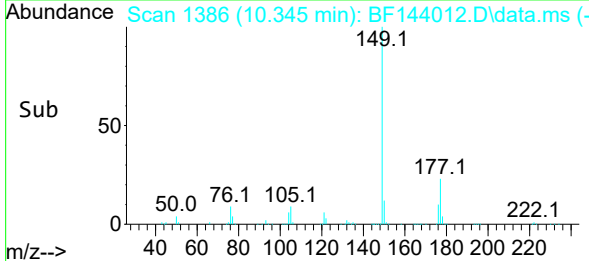
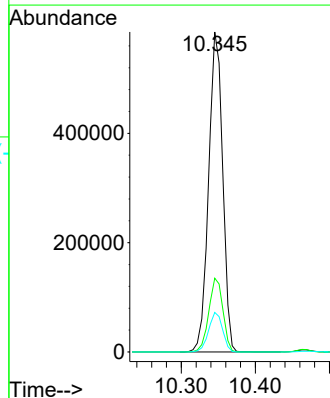
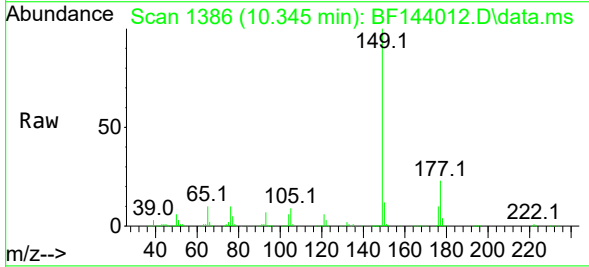


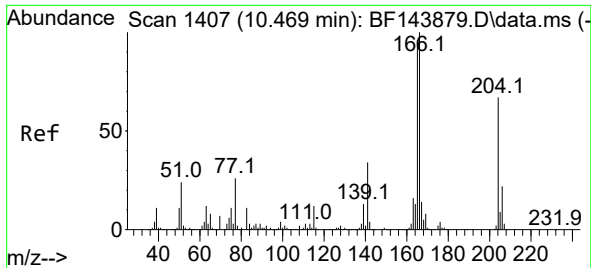
Tgt Ion:232 Resp: 209253  
 Ion Ratio Lower Upper  
 232 100  
 131 42.4 34.9 52.3  
 130 1.5 1.6 2.4#  
 166 26.6 22.0 33.0



#60  
 Diethylphthalate  
 Concen: 46.20 ng  
 RT: 10.345 min Scan# 1386  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:149 Resp: 772537  
 Ion Ratio Lower Upper  
 149 100  
 177 23.0 17.9 26.9  
 150 12.4 9.8 14.8

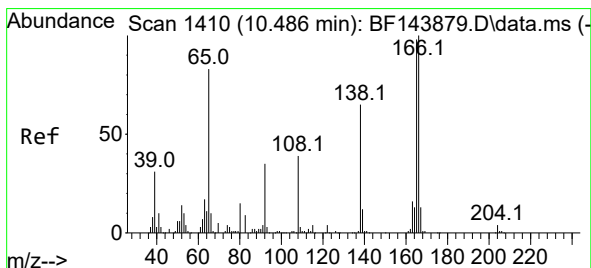
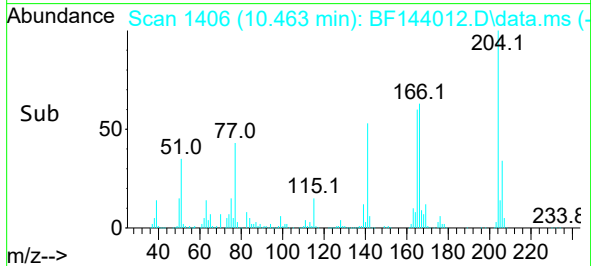
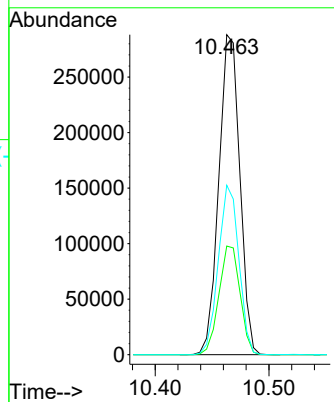
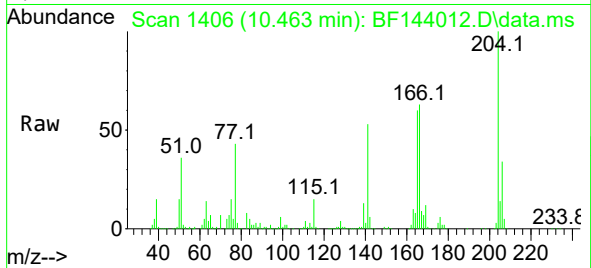




#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.60 ng  
 RT: 10.463 min Scan# 1406  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

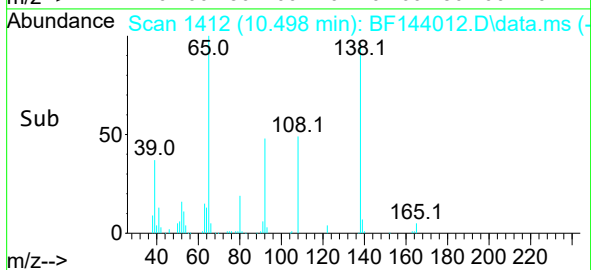
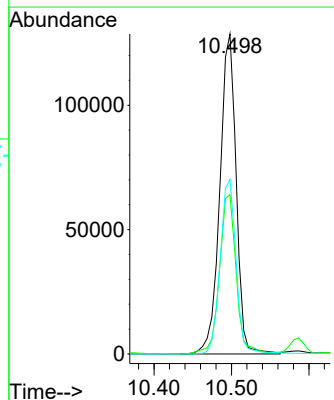
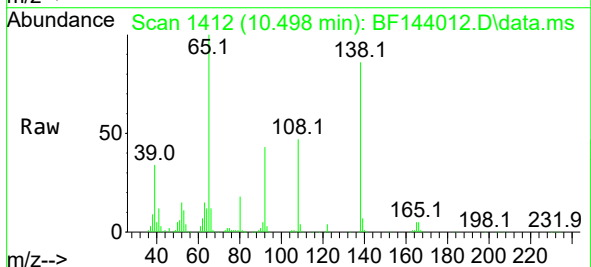
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

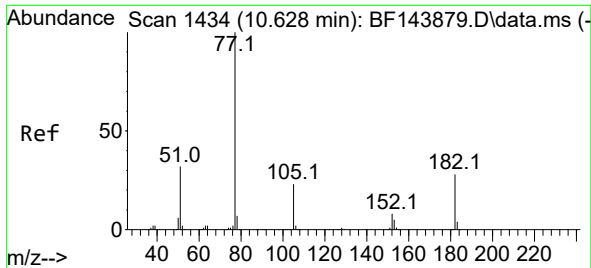
Tgt Ion:204 Resp: 370148  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 26.6 40.0  
 141 53.0 40.4 60.6



#62  
 4-Nitroaniline  
 Concen: 48.17 ng  
 RT: 10.498 min Scan# 1412  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:138 Resp: 189298  
 Ion Ratio Lower Upper  
 138 100  
 92 49.8 33.9 73.9  
 108 54.6 40.2 80.2





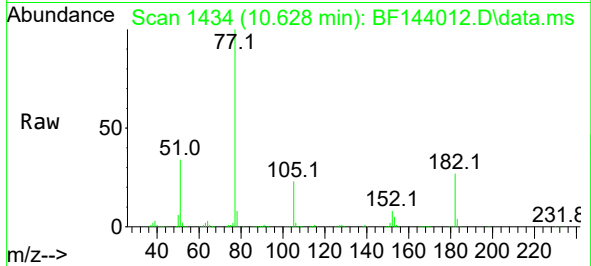
#63  
 Azobenzene  
 Concen: 47.45 ng  
 RT: 10.628 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :

BNA\_F

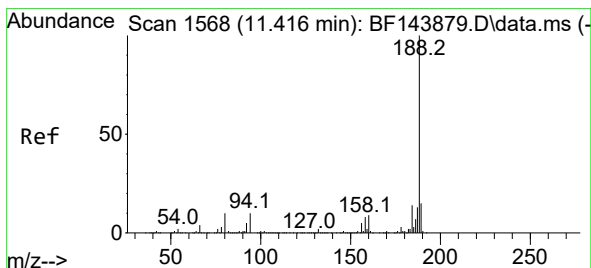
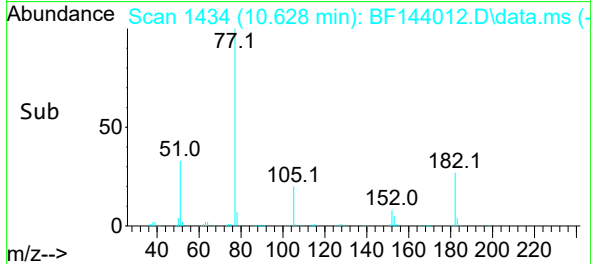
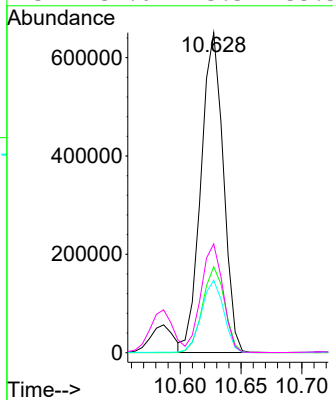
ClientSampleId :

PB170166BSD



Tgt Ion: 77 Resp: 829185

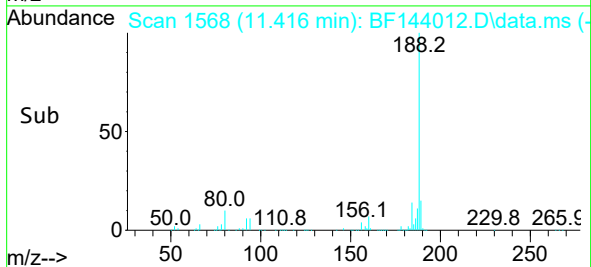
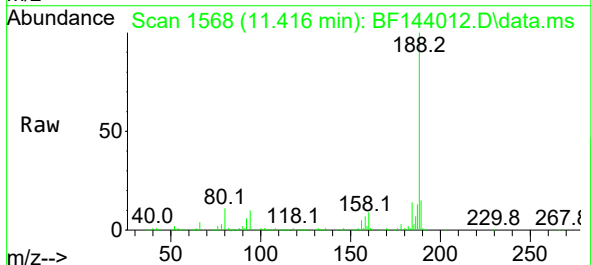
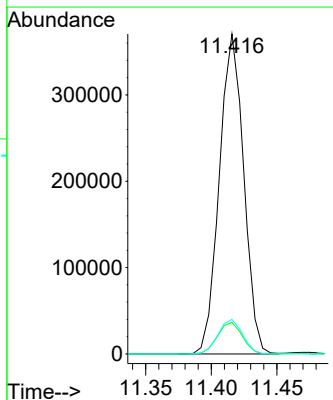
Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.3	47.3
105	22.6	3.0	43.0
51	34.0	13.5	53.5

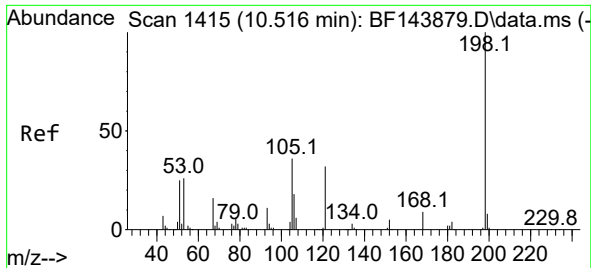


#64  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.416 min Scan# 1568  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 188 Resp: 479338

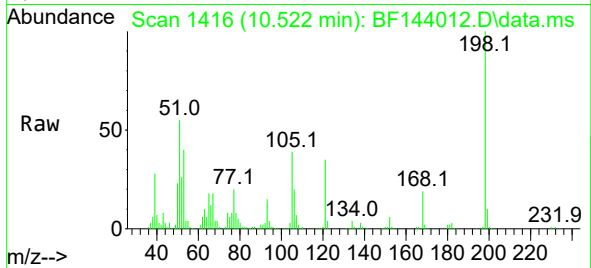
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.8	7.9	11.9



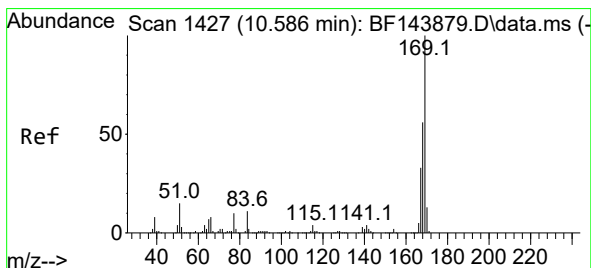
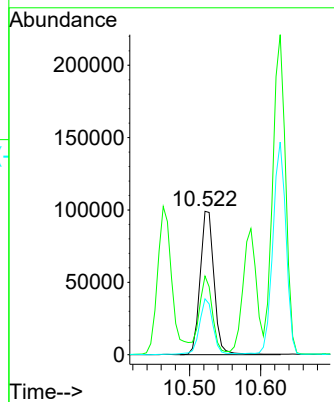
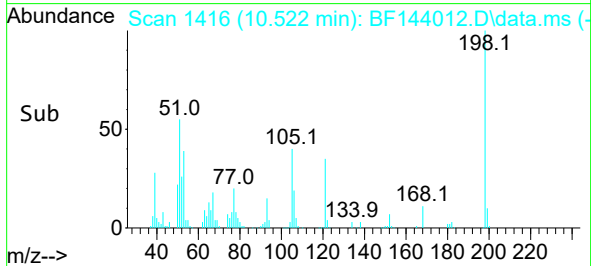


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 56.20 ng  
 RT: 10.522 min Scan# 1416  
 Delta R.T. -0.012 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

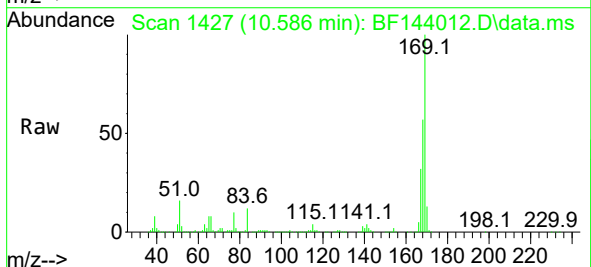
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD



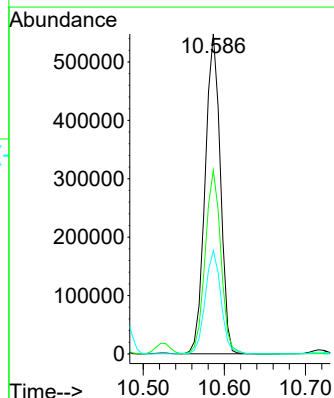
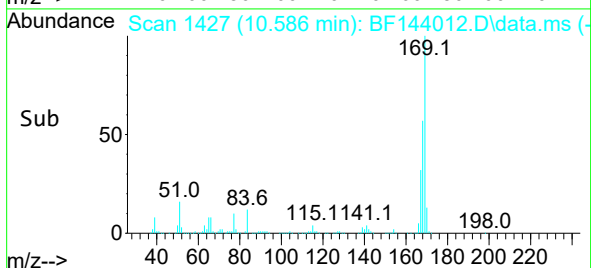
Tgt Ion:198 Resp: 135373  
 Ion Ratio Lower Upper  
 198 100  
 51 54.7 33.8 73.8  
 105 38.9 17.0 57.0

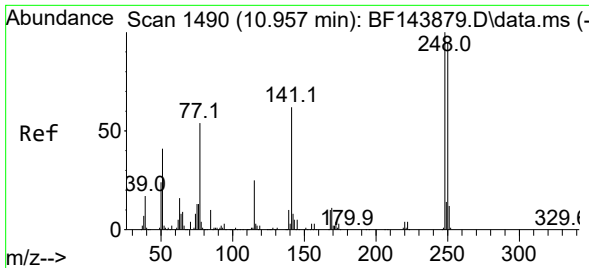


#66  
 n-Nitrosodiphenylamine  
 Concen: 47.29 ng  
 RT: 10.586 min Scan# 1427  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59



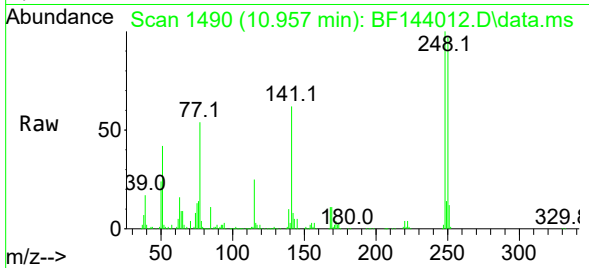
Tgt Ion:169 Resp: 711691  
 Ion Ratio Lower Upper  
 169 100  
 168 57.4 44.9 67.3  
 167 32.3 26.3 39.5



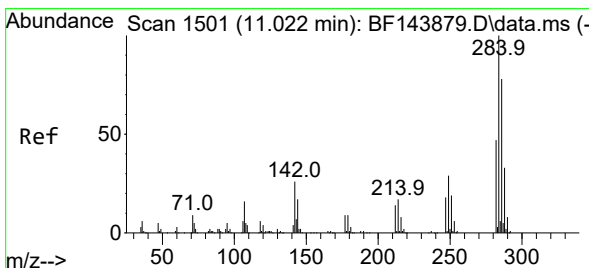
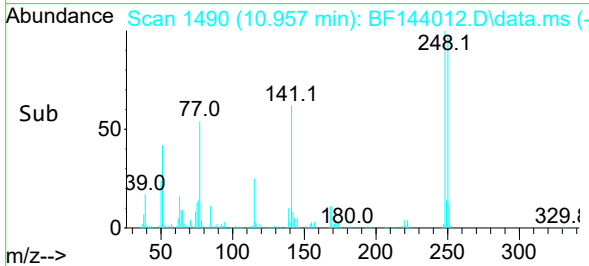
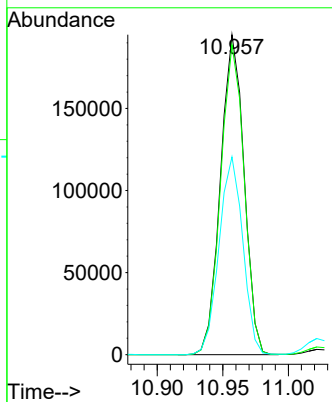


#67  
 4-Bromophenyl-phenylether  
 Concen: 45.83 ng  
 RT: 10.957 min Scan# 1490  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

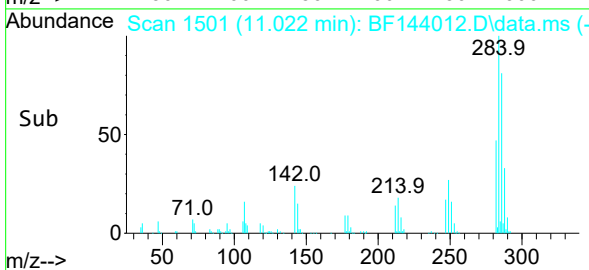
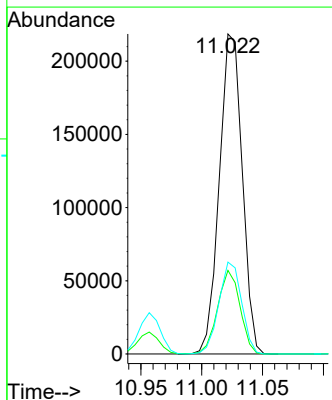
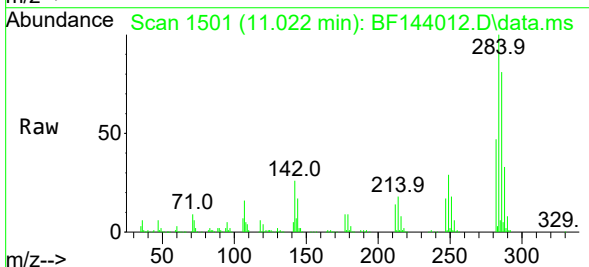


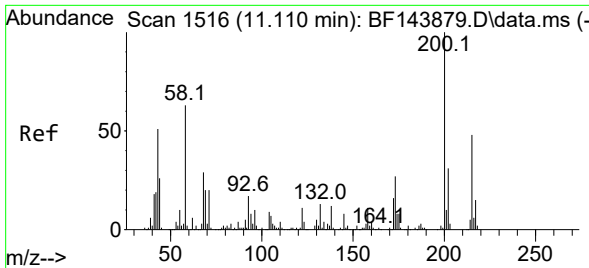
Tgt Ion:248 Resp: 242757  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 76.3 114.5  
 141 61.8 49.7 74.5



#68  
 Hexachlorobenzene  
 Concen: 46.69 ng  
 RT: 11.022 min Scan# 1501  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

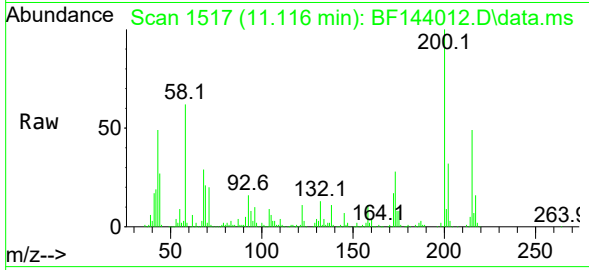
Tgt Ion:284 Resp: 286318  
 Ion Ratio Lower Upper  
 284 100  
 142 26.1 20.6 30.8  
 249 28.7 23.2 34.8



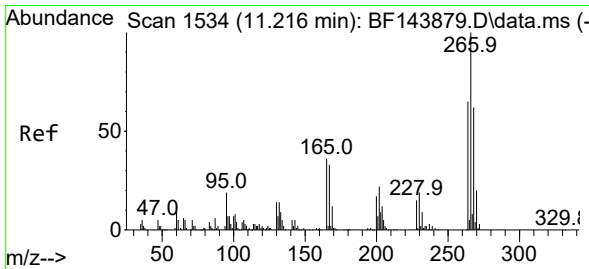
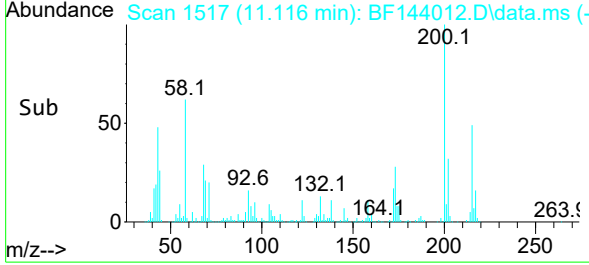
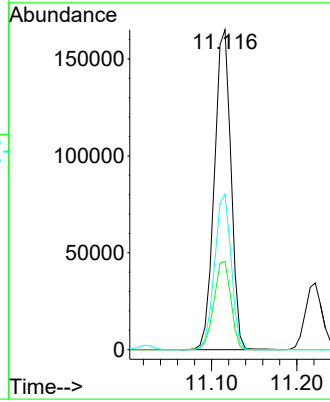


#69  
 Atrazine  
 Concen: 48.98 ng  
 RT: 11.116 min Scan# 1116  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

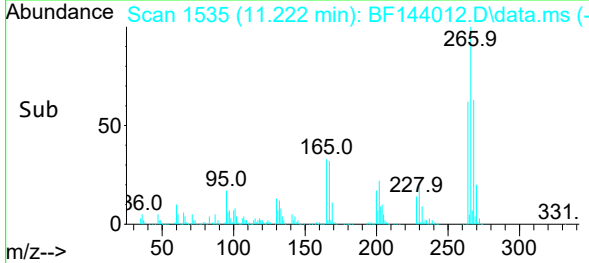
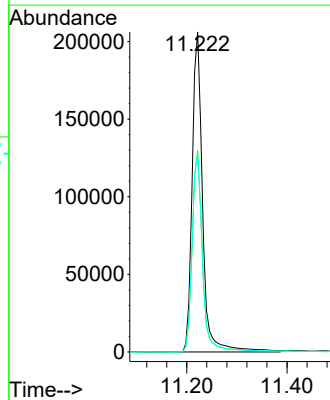
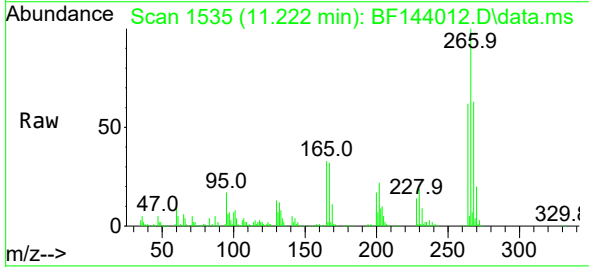


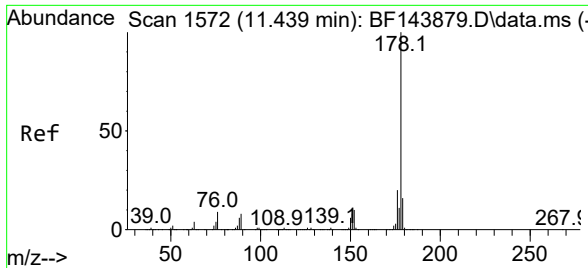
Tgt Ion:200 Resp: 223417  
 Ion Ratio Lower Upper  
 200 100  
 173 27.7 7.0 47.0  
 215 48.7 27.8 67.8



#70  
 Pentachlorophenol  
 Concen: 84.92 ng  
 RT: 11.222 min Scan# 1535  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

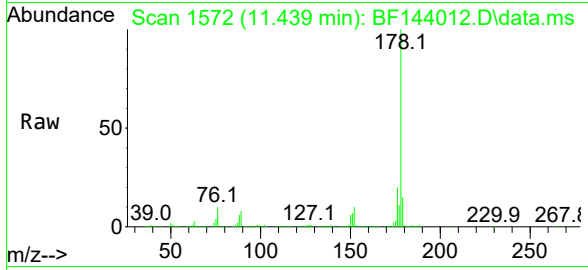
Tgt Ion:266 Resp: 299120  
 Ion Ratio Lower Upper  
 266 100  
 268 62.9 49.4 74.0  
 264 62.0 51.8 77.6



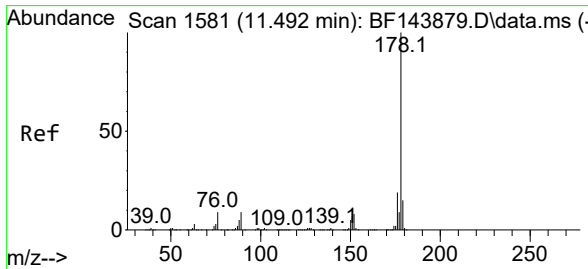
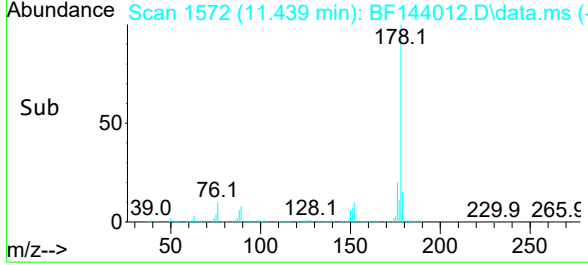
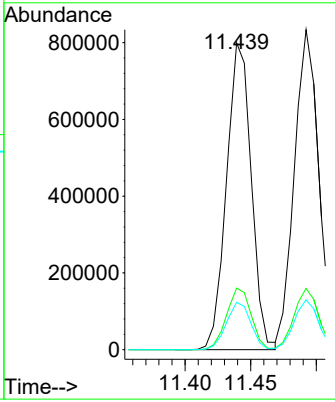


#71  
 Phenanthrene  
 Concen: 45.23 ng  
 RT: 11.439 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

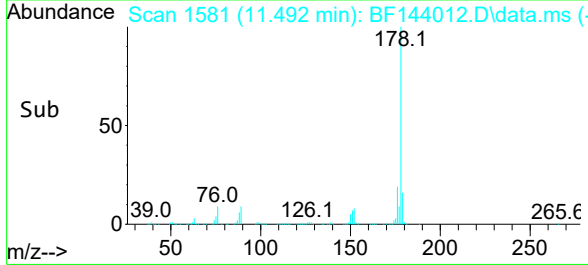
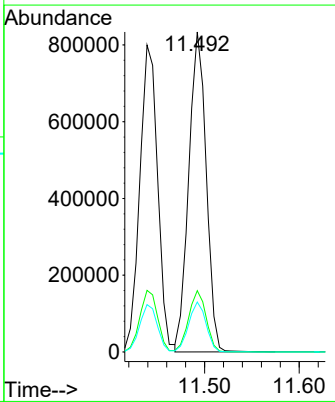
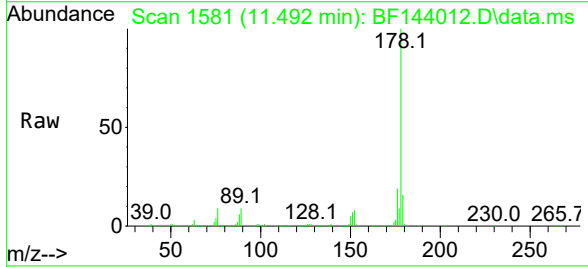


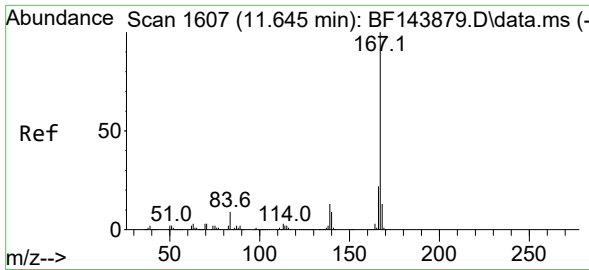
Tgt Ion:178 Resp: 1051103  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.9 23.9  
 179 15.4 12.4 18.6



#72  
 Anthracene  
 Concen: 45.49 ng  
 RT: 11.492 min Scan# 1581  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

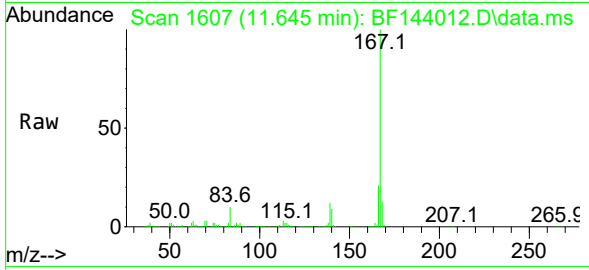
Tgt Ion:178 Resp: 1067842  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 14.9 22.3  
 179 15.6 12.2 18.2



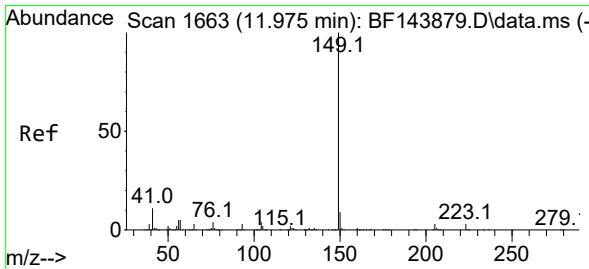
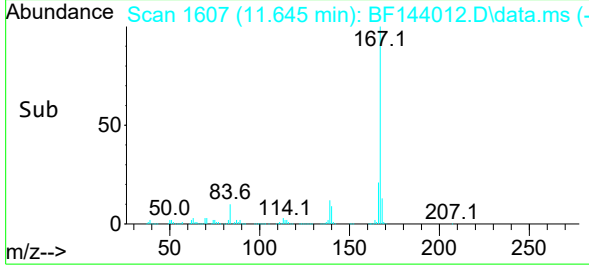
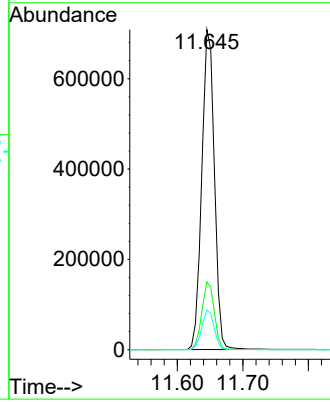


#73  
 Carbazole  
 Concen: 45.77 ng  
 RT: 11.645 min Scan# 1607  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

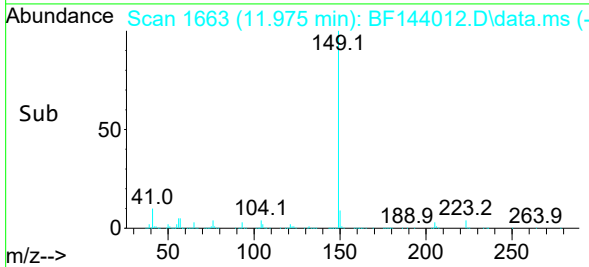
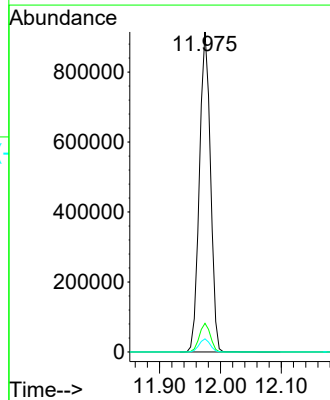
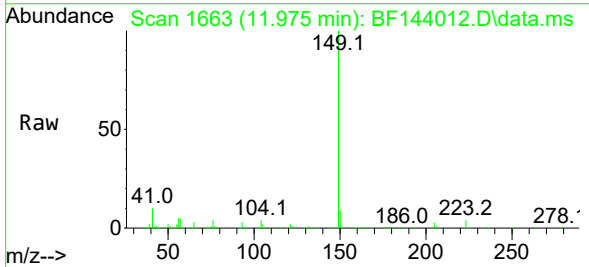


Tgt Ion:167 Resp: 951696  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.2 25.8  
 139 12.4 10.1 15.1

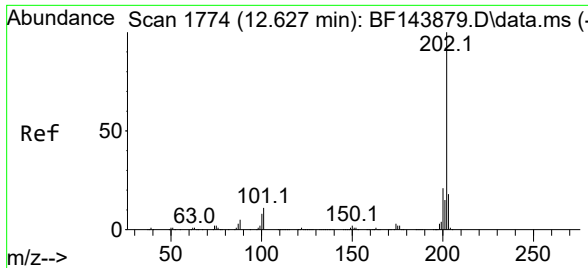


#74  
 Di-n-butylphthalate  
 Concen: 47.75 ng  
 RT: 11.975 min Scan# 1663  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:149 Resp: 1150551  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.2  
 104 4.1 3.4 5.2





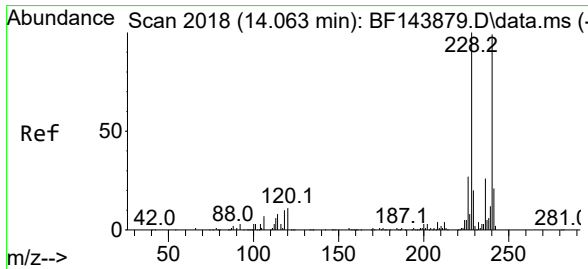
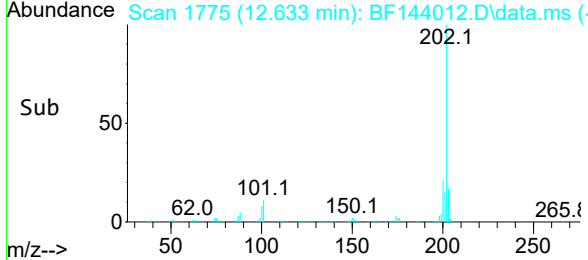
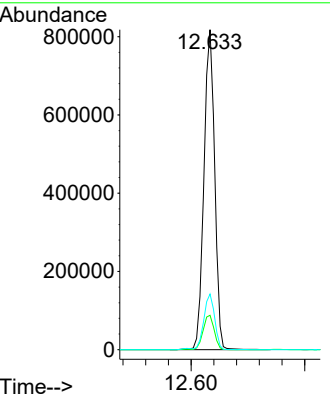
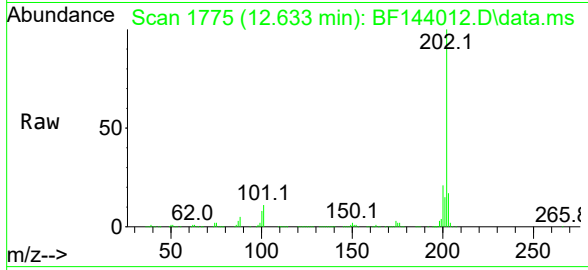


#75  
 Fluoranthene  
 Concen: 44.54 ng  
 RT: 12.633 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion: 202 Resp: 1069135

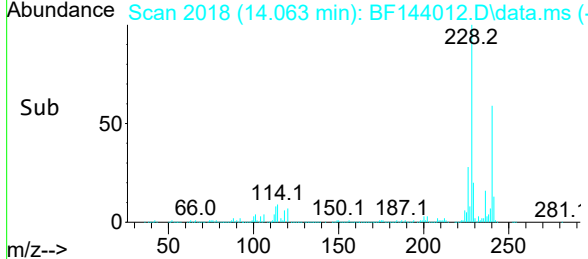
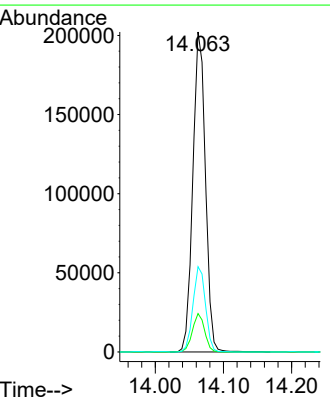
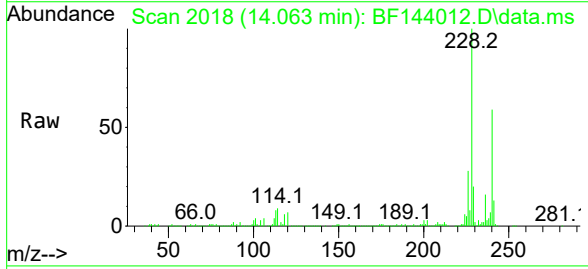
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7
203	17.4	0.0	37.8

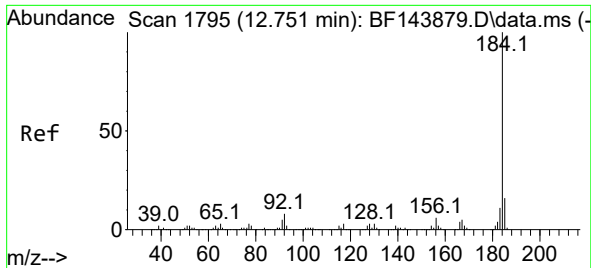


#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.063 min Scan# 2018  
 Delta R.T. -0.005 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion: 240 Resp: 259427

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	13.0
236	26.7	21.1	31.7



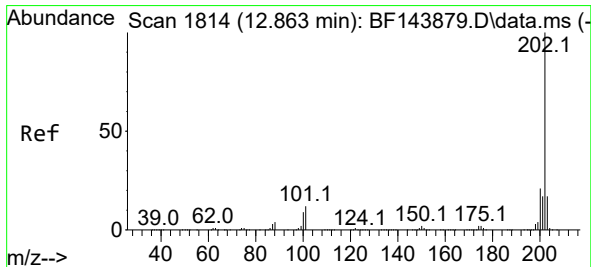
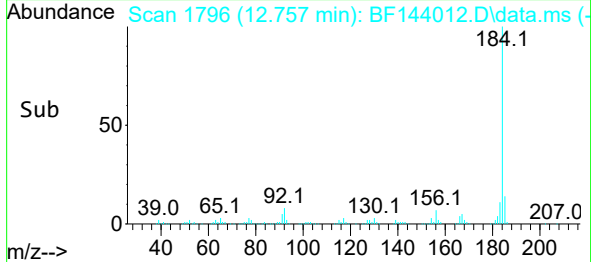
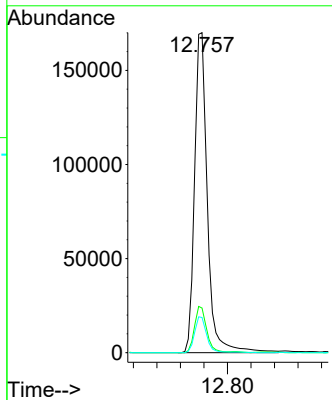
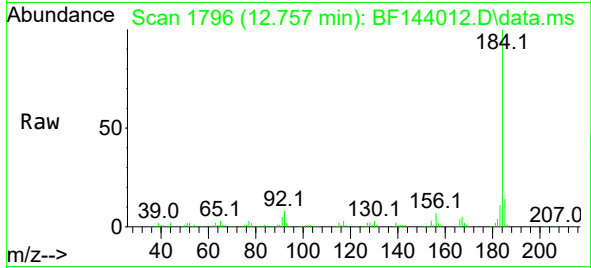


#77  
 Benzidine  
 Concen: 28.57 ng  
 RT: 12.757 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

Tgt Ion:184 Resp: 257313

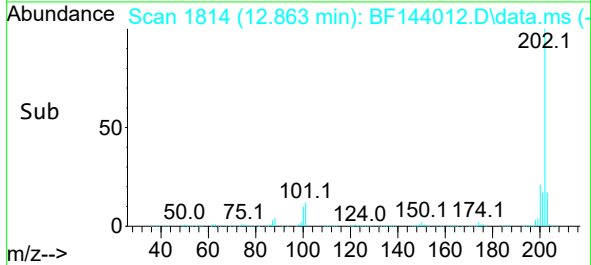
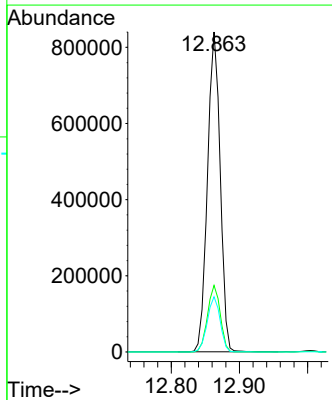
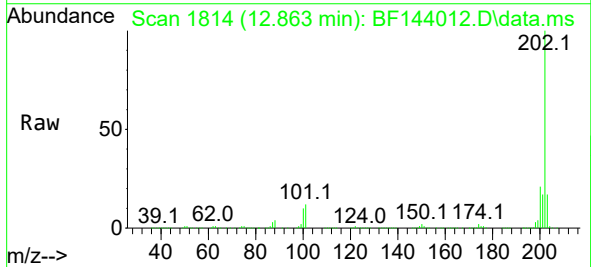
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.0	8.8	13.2

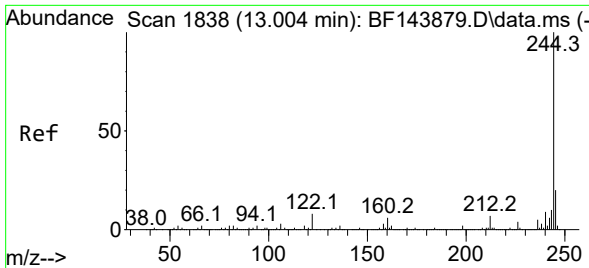


#78  
 Pyrene  
 Concen: 50.30 ng  
 RT: 12.863 min Scan# 1814  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:202 Resp: 1087880

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.3	13.8	20.6



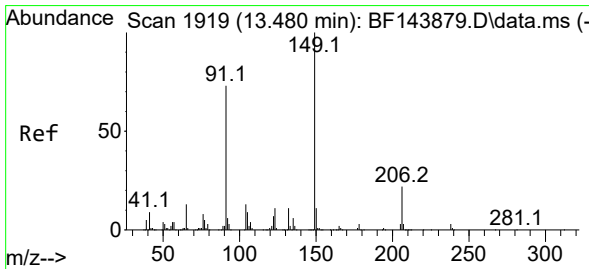
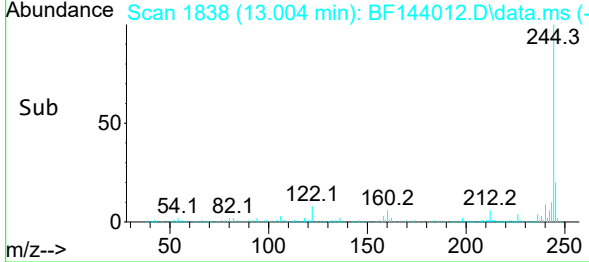
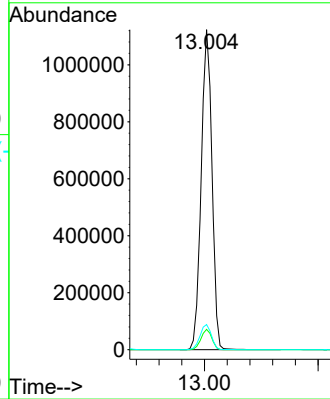
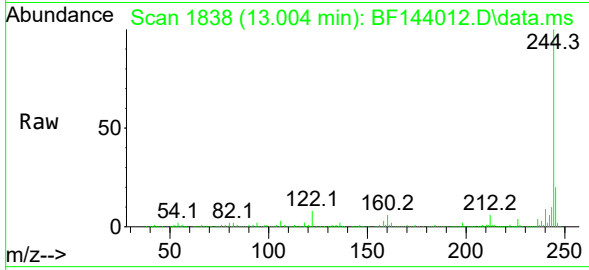


#79  
 Terphenyl-d14  
 Concen: 97.32 ng  
 RT: 13.004 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

Tgt Ion:244 Resp: 1477256

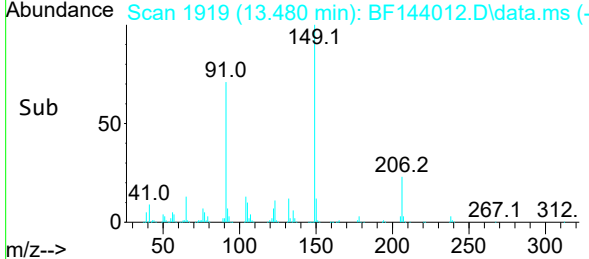
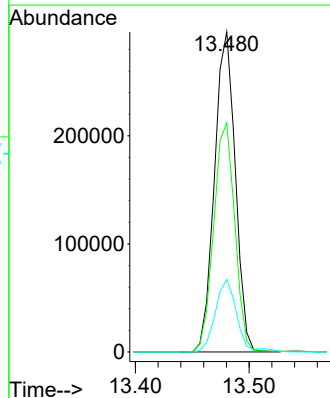
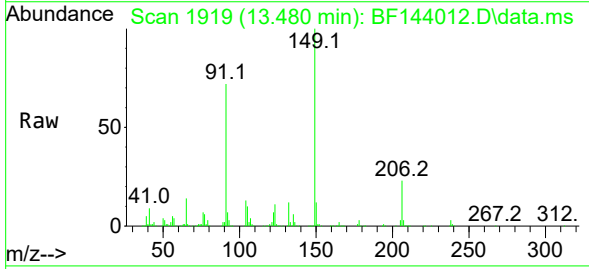
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.9	6.4	9.6

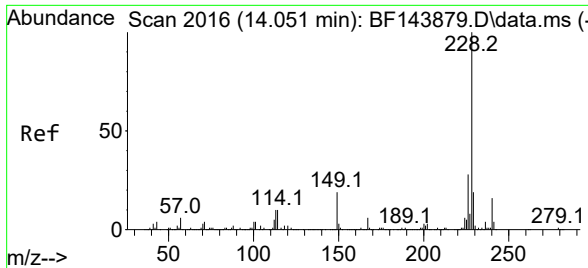


#80  
 Butylbenzylphthalate  
 Concen: 53.69 ng  
 RT: 13.480 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:149 Resp: 377145

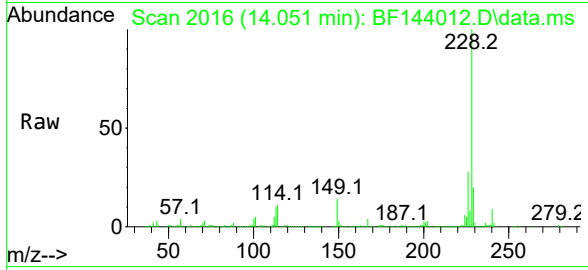
Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.2	87.2
206	22.7	17.9	26.9



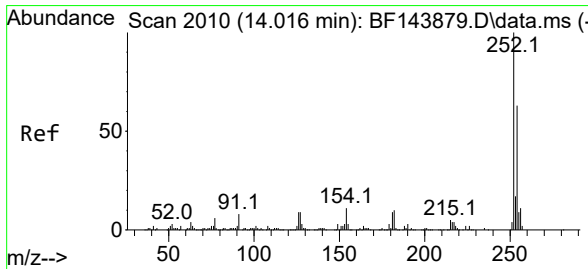
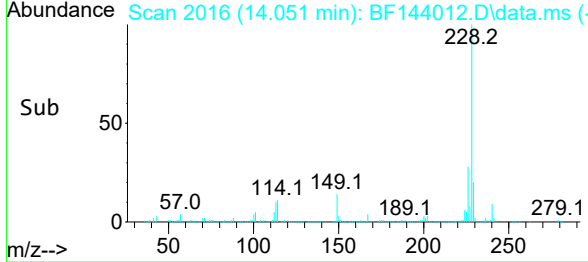
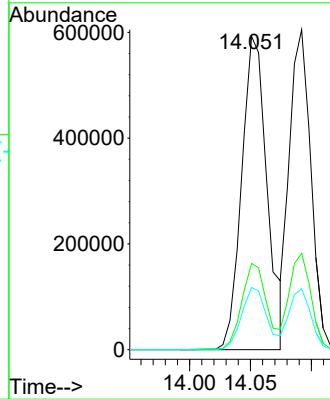


#81  
 Benzo(a)anthracene  
 Concen: 50.77 ng  
 RT: 14.051 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

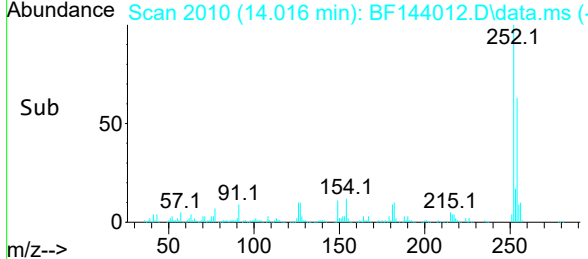
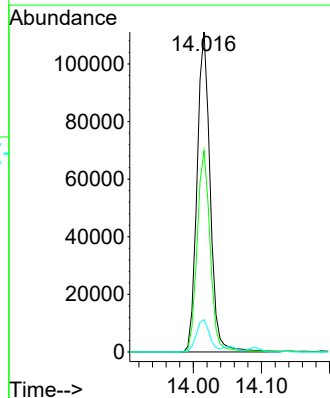
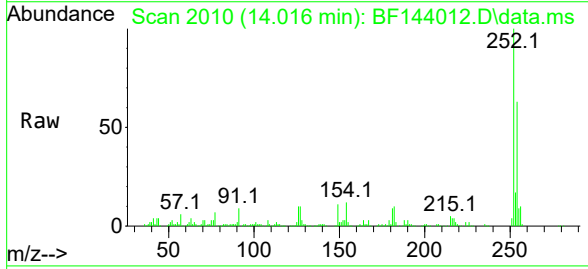


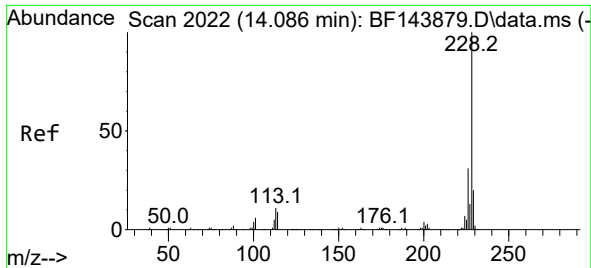
Tgt Ion:228 Resp: 861940  
 Ion Ratio Lower Upper  
 228 100  
 226 27.5 22.2 33.2  
 229 19.9 15.6 23.4



#82  
 3,3'-Dichlorobenzidine  
 Concen: 28.64 ng  
 RT: 14.016 min Scan# 2010  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

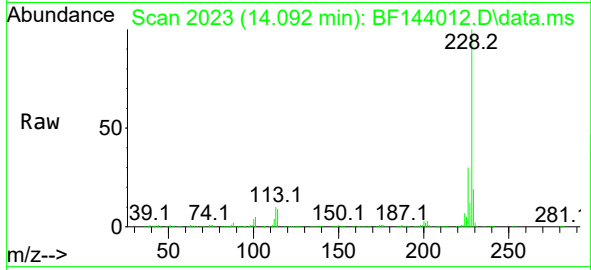
Tgt Ion:252 Resp: 148157  
 Ion Ratio Lower Upper  
 252 100  
 254 62.9 50.6 76.0  
 126 10.1 7.0 10.6



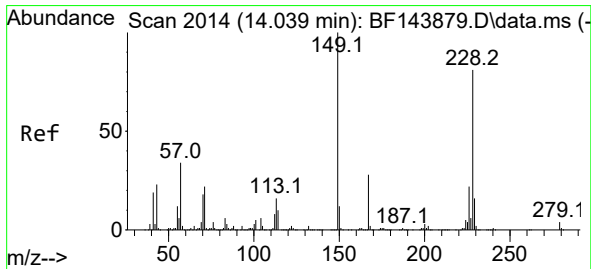
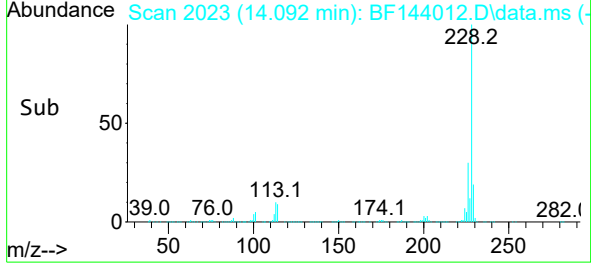
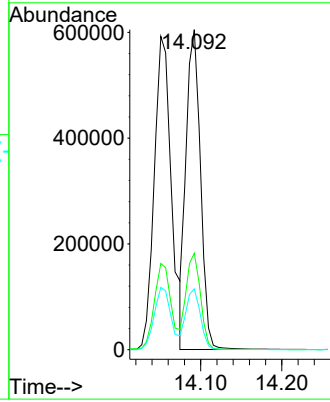


#83  
 Chrysene  
 Concen: 47.41 ng  
 RT: 14.092 min Scan# 2023  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument : BNA\_F  
 ClientSampleId : PB170166BSD

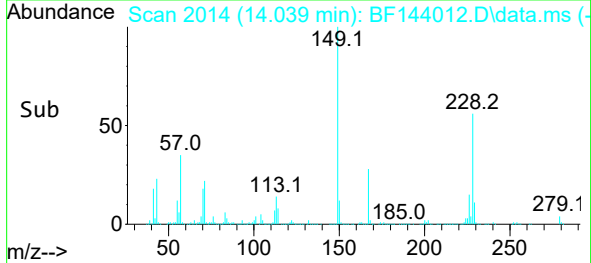
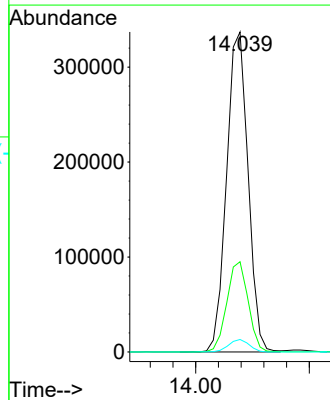
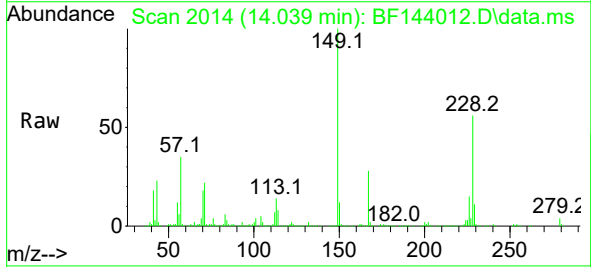


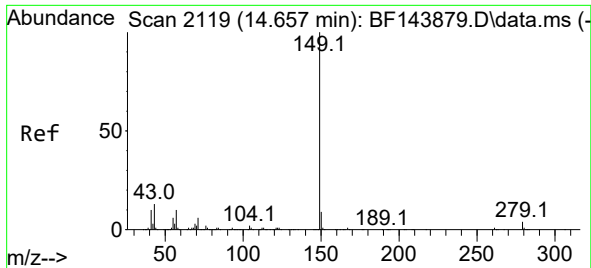
Tgt Ion:228 Resp: 744875  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.4 36.6  
 229 19.0 15.9 23.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.26 ng  
 RT: 14.039 min Scan# 2014  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:149 Resp: 442497  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 22.2 33.4  
 279 3.9 3.1 4.7

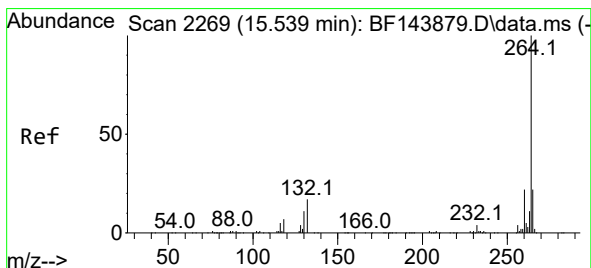
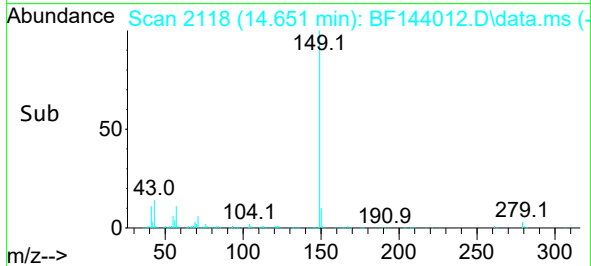
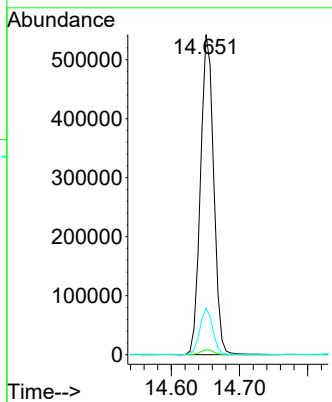
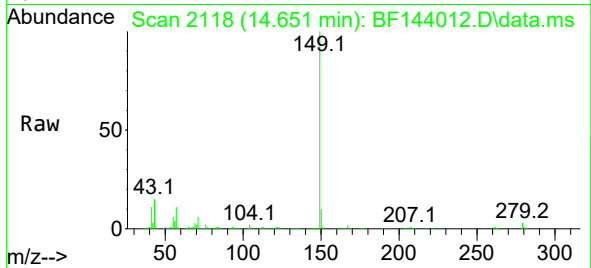




#85  
 Di-n-octyl phthalate  
 Concen: 52.56 ng  
 RT: 14.651 min Scan# 2118  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

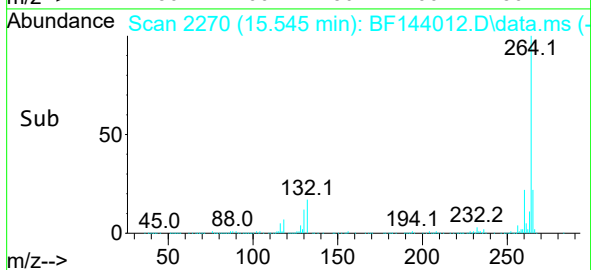
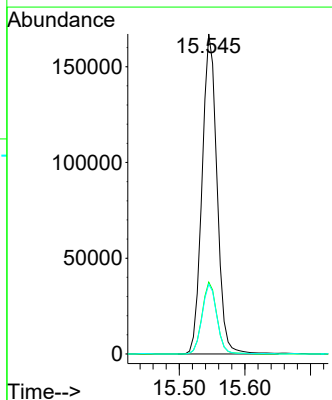
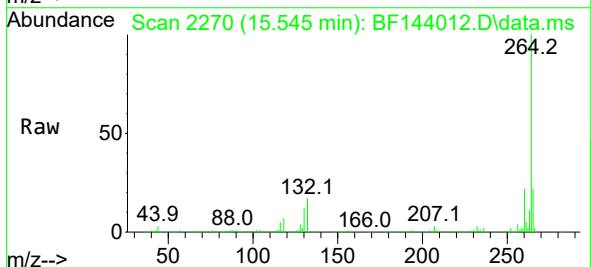
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

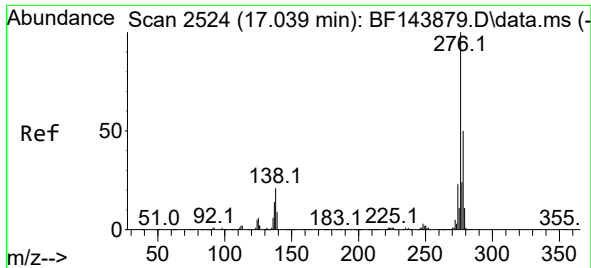
Tgt Ion:149 Resp: 730981  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.1 1.7  
 43 13.9 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.545 min Scan# 2270  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:264 Resp: 265427  
 Ion Ratio Lower Upper  
 264 100  
 260 22.4 17.8 26.8  
 265 21.8 17.5 26.3





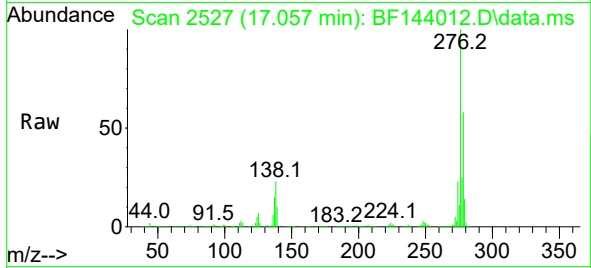
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.73 ng  
 RT: 17.057 min Scan# 2196  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :

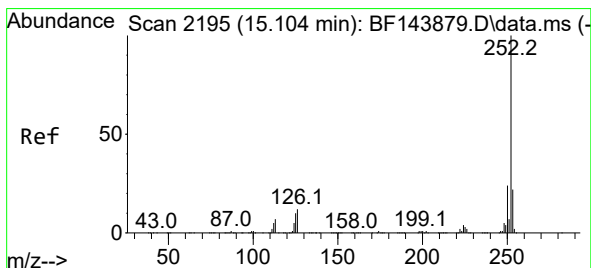
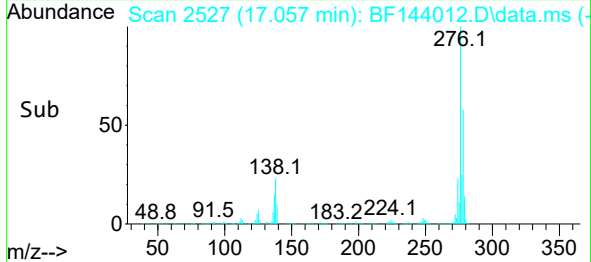
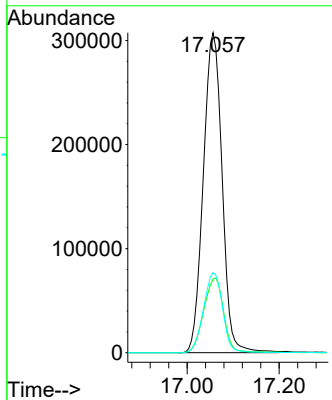
BNA\_F

ClientSampleId :

PB170166BSD

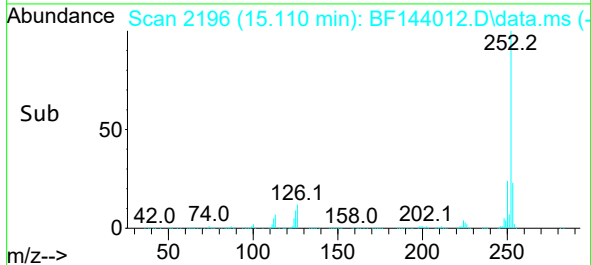
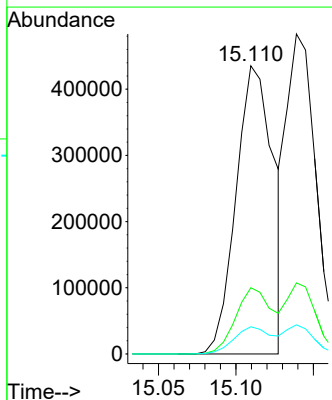
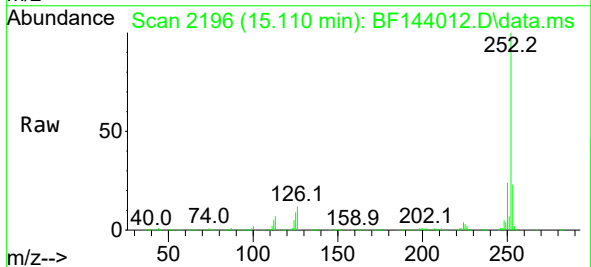


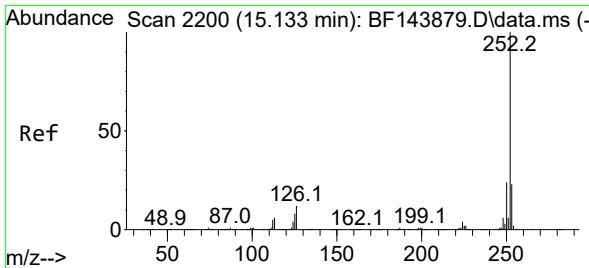
Tgt Ion:276 Resp: 873923  
 Ion Ratio Lower Upper  
 276 100  
 138 24.8 18.2 27.2  
 277 25.3 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 47.86 ng  
 RT: 15.110 min Scan# 2196  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

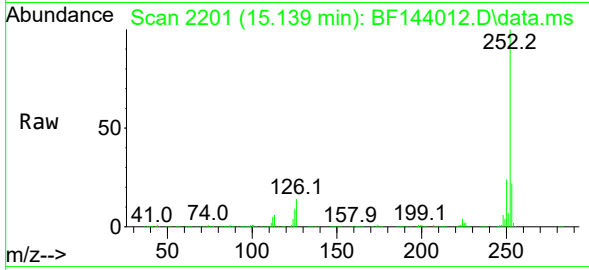
Tgt Ion:252 Resp: 729756  
 Ion Ratio Lower Upper  
 252 100  
 253 23.0 17.4 26.2  
 125 9.4 7.8 11.6



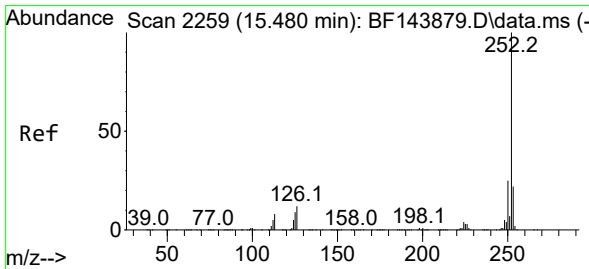
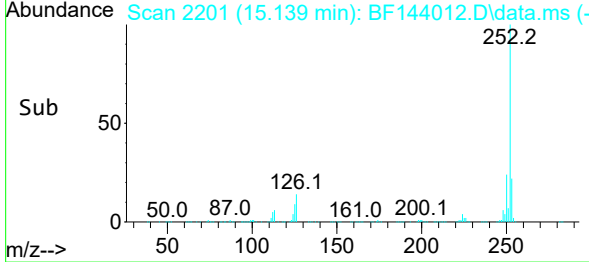
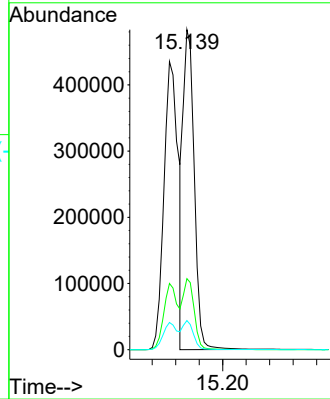


#89  
 Benzo(k)fluoranthene  
 Concen: 45.32 ng  
 RT: 15.139 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

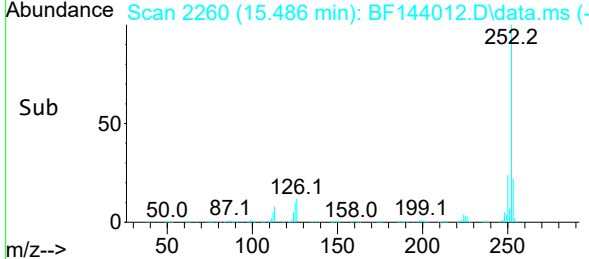
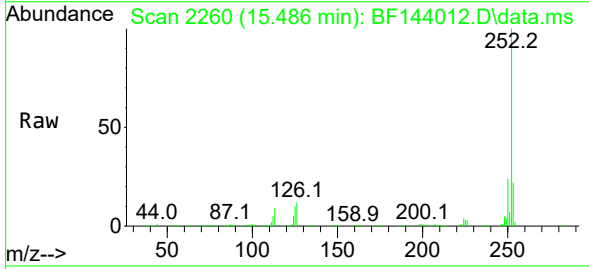
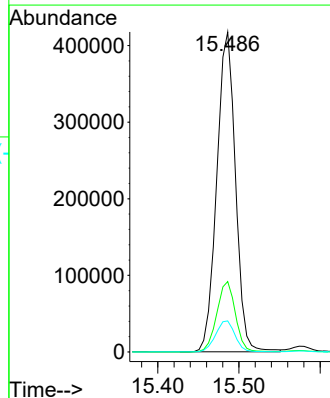


Tgt Ion:252 Resp: 639376  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.8 26.8  
 125 9.1 7.4 11.2

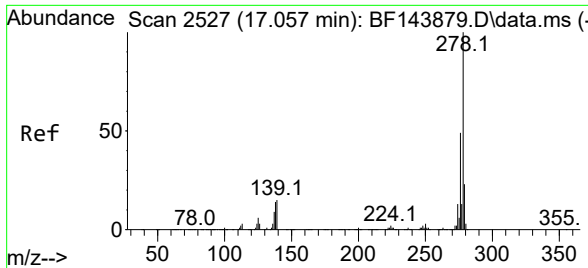


#90  
 Benzo(a)pyrene  
 Concen: 50.56 ng  
 RT: 15.486 min Scan# 2260  
 Delta R.T. 0.000 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:252 Resp: 668392  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.3 25.9  
 125 9.7 7.0 10.4





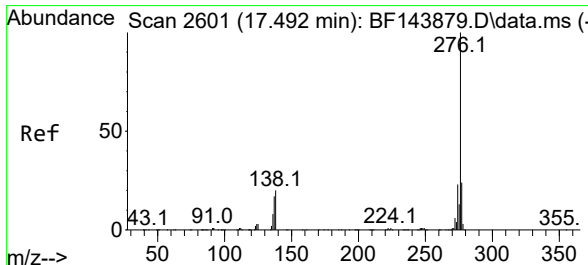
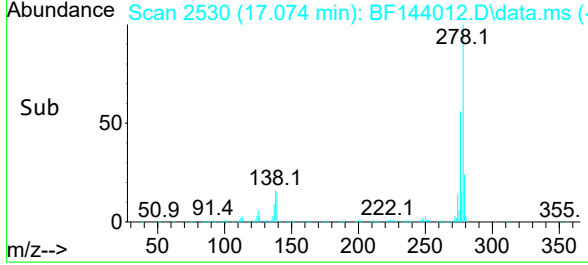
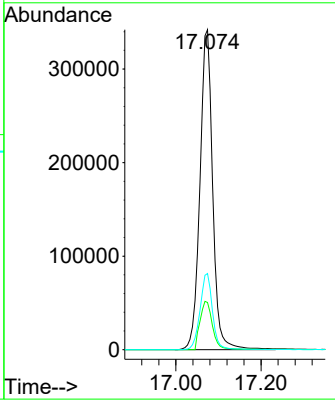
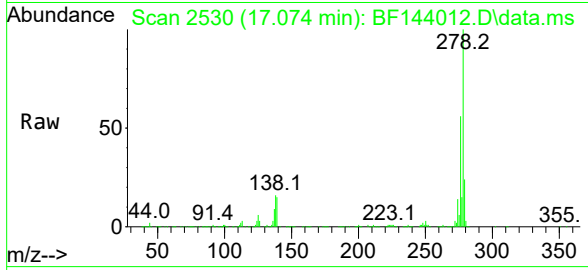


#91  
 Dibenzo(a,h)anthracene  
 Concen: 54.46 ng  
 RT: 17.074 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170166BSD

Tgt Ion:278 Resp: 712382

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	23.8	18.4	27.6



#92  
 Benzo(g,h,i)perylene  
 Concen: 54.86 ng  
 RT: 17.509 min Scan# 2604  
 Delta R.T. -0.006 min  
 Lab File: BF144012.D  
 Acq: 21 Oct 2025 14:59

Tgt Ion:276 Resp: 717596

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	23.1	16.1	24.1

