

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042225\  
 Data File : BF142212.D  
 Acq On : 22 Apr 2025 15:13  
 Operator : RC/JU  
 Sample : PB167672BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Quant Time: Apr 22 15:45:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 22 02:14:30 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	442323	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1715608	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	967073	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1611136	20.000	ng	0.00
76) Chrysene-d12	14.033	240	909574	20.000	ng	0.00
86) Perylene-d12	15.509	264	1121405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2134167	90.459	ng	0.02
7) Phenol-d6	6.498	99	2656943	89.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	2553798	93.486	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	1200976	90.829	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5232587	88.191	ng	0.00
79) Terphenyl-d14	12.974	244	5253181	96.756	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.710	88	358880	37.475	ng	97
3) Pyridine	3.469	79	953931	45.893	ng	99
4) n-Nitrosodimethylamine	3.422	42	410384	48.624	ng	# 97
6) Aniline	6.528	93	1108898	40.646	ng	# 88
8) 2-Chlorophenol	6.651	128	1319027	48.843	ng	98
9) Benzaldehyde	6.416	77	645187	39.773	ng	99
10) Phenol	6.510	94	1514821	48.608	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	1084036	46.127	ng	99
12) 1,3-Dichlorobenzene	6.810	146	1454111	47.516	ng	100
13) 1,4-Dichlorobenzene	6.887	146	1451561	46.248	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1399109	47.917	ng	98
15) Benzyl Alcohol	7.010	79	1051306	48.800	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1088845	47.800	ng	92
17) 2-Methylphenol	7.122	107	1043285	51.330	ng	97
18) Hexachloroethane	7.381	117	534909	50.167	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	808846	48.411	ng	100
20) 3+4-Methylphenols	7.275	107	1276816	50.510	ng	91
22) Acetophenone	7.275	105	1728652	45.904	ng	96
24) Nitrobenzene	7.451	77	1282511	47.389	ng	100
25) Isophorone	7.686	82	2301056	50.181	ng	99
26) 2-Nitrophenol	7.763	139	726011	51.035	ng	95
27) 2,4-Dimethylphenol	7.804	122	1203141	65.045	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	1428156	47.454	ng	99
29) 2,4-Dichlorophenol	8.010	162	1170779	46.539	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	1337110	45.451	ng	99
31) Naphthalene	8.169	128	3678051	45.384	ng	100
32) Benzoic acid	7.928	122	726069	43.260	ng	97
33) 4-Chloroaniline	8.216	127	364711	12.428	ng	99
34) Hexachlorobutadiene	8.286	225	895789	46.140	ng	99
35) Caprolactam	8.592	113	331943m	49.463	ng	
36) 4-Chloro-3-methylphenol	8.704	107	1190880	47.026	ng	99
37) 2-Methylnaphthalene	8.863	142	2350967	41.974	ng	99
38) 1-Methylnaphthalene	8.963	142	2432087	44.847	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1413806	44.681	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	1933489	199.269	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	897913	48.605	ng	99

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 22 02:14:30 2025  
 Response via : Initial Calibration

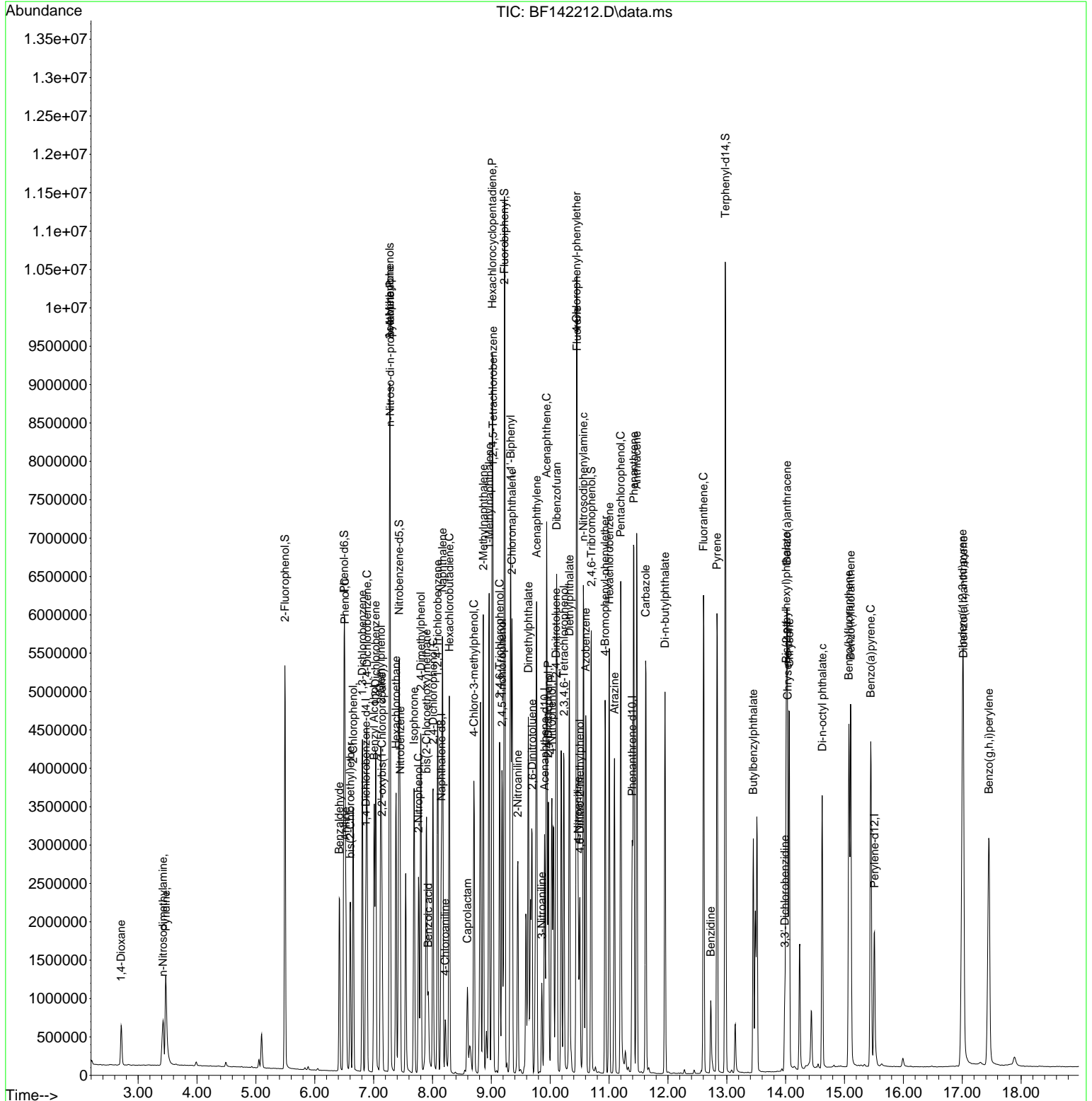
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	940526	47.498	ng	98
46) 1,1'-Biphenyl	9.328	154	3179172	45.845	ng	100
47) 2-Chloronaphthalene	9.351	162	2520398	46.824	ng	100
48) 2-Nitroaniline	9.451	65	632449	50.126	ng	97
49) Acenaphthylene	9.769	152	3766987	49.512	ng	100
50) Dimethylphthalate	9.628	163	2947852	47.542	ng	100
51) 2,6-Dinitrotoluene	9.692	165	656963	47.192	ng	98
52) Acenaphthene	9.939	154	2825820m	51.541	ng	
53) 3-Nitroaniline	9.857	138	280708	21.045	ng	91
54) 2,4-Dinitrophenol	9.969	184	798731	117.147	ng	97
55) Dibenzofuran	10.110	168	3428638	44.607	ng	98
56) 4-Nitrophenol	10.027	139	935141	95.841	ng	96
57) 2,4-Dinitrotoluene	10.098	165	910889	50.661	ng	95
58) Fluorene	10.457	166	2759497	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	843628	47.654	ng	99
60) Diethylphthalate	10.327	149	2750816	47.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1503086	45.912	ng	99
62) 4-Nitroaniline	10.475	138	574789	45.336	ng	94
63) Azobenzene	10.604	77	2340482	46.423	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	523681	55.684	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2408498	48.776	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1004102	47.389	ng	96
68) Hexachlorobenzene	11.004	284	1175895	46.635	ng	99
69) Atrazine	11.092	200	828105	68.721	ng	98
70) Pentachlorophenol	11.198	266	1240177	96.413	ng	99
71) Phenanthrene	11.422	178	3869590	48.366	ng	100
72) Anthracene	11.469	178	3983737	49.798	ng	100
73) Carbazole	11.621	167	3262787	46.685	ng	99
74) Di-n-butylphthalate	11.951	149	3600759	49.778	ng	100
75) Fluoranthene	12.604	202	3701689	44.510	ng	99
77) Benzidine	12.727	184	594934	50.686	ng	100
78) Pyrene	12.833	202	3608456	49.951	ng	100
80) Butylbenzylphthalate	13.451	149	1030935	58.960	ng	99
81) Benzo(a)anthracene	14.021	228	2686778	48.770	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	315378	19.224	ng	99
83) Chrysene	14.063	228	2566006	48.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1379037	58.953	ng	99
85) Di-n-octyl phthalate	14.621	149	2587646	62.457	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	3903112	49.608	ng	100
88) Benzo(b)fluoranthene	15.074	252	3111306	49.453	ng	100
89) Benzo(k)fluoranthene	15.104	252	2694376	43.360	ng	99
90) Benzo(a)pyrene	15.445	252	2907359	51.636	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3197610	49.821	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3152960	47.166	ng	100

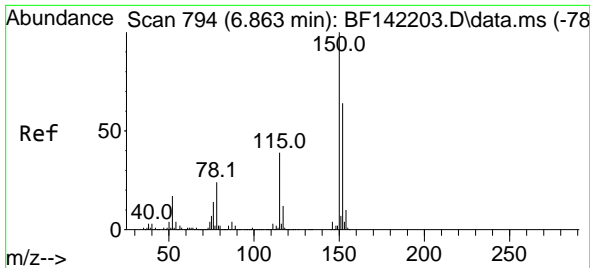
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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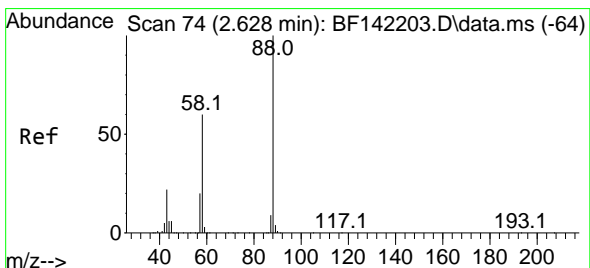
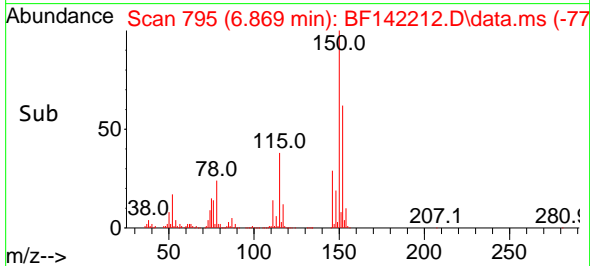
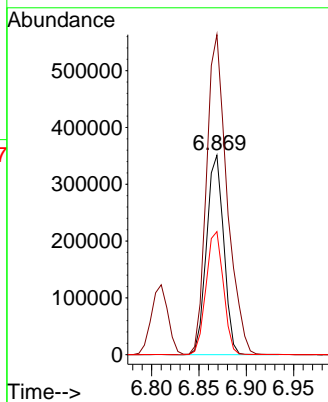
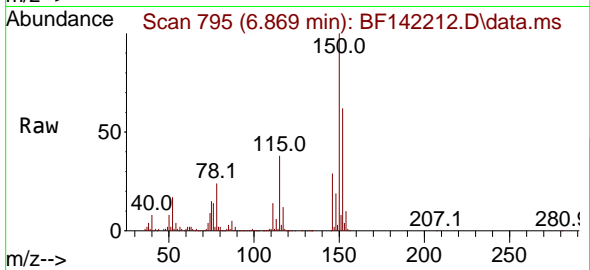


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 794  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:152 Resp: 442323

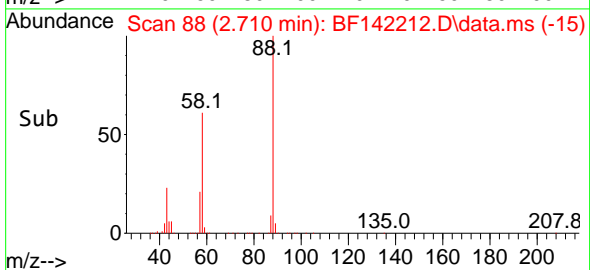
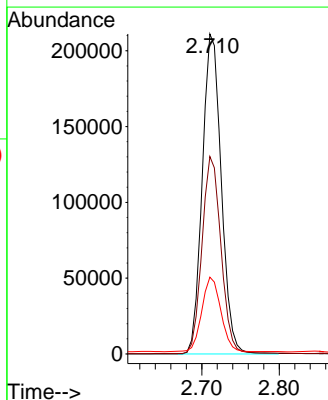
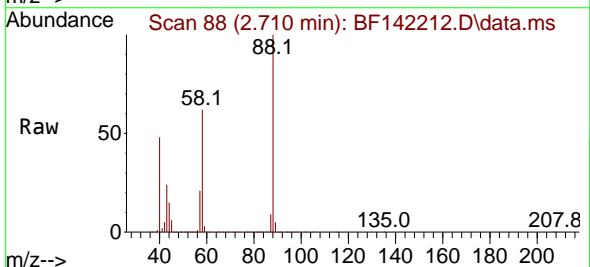
Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.4	189.6
115	61.7	49.4	74.2

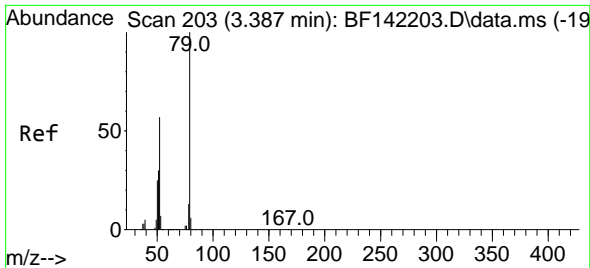


#2  
 1,4-Dioxane  
 Concen: 37.475 ng  
 RT: 2.710 min Scan# 88  
 Delta R.T. 0.082 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 88 Resp: 358880

Ion	Ratio	Lower	Upper
88	100		
58	61.5	47.8	71.6
43	23.9	17.8	26.8

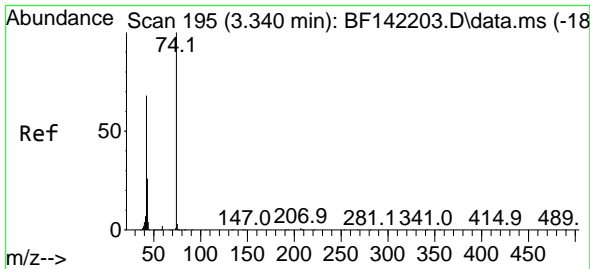
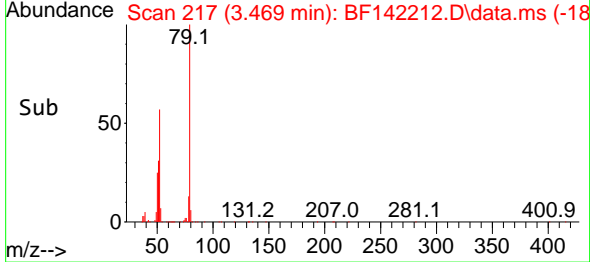
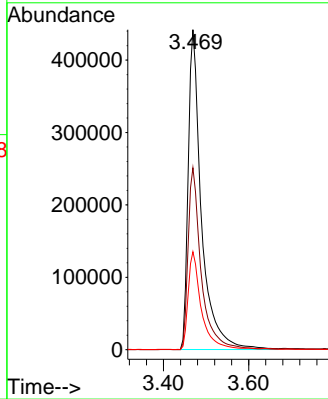
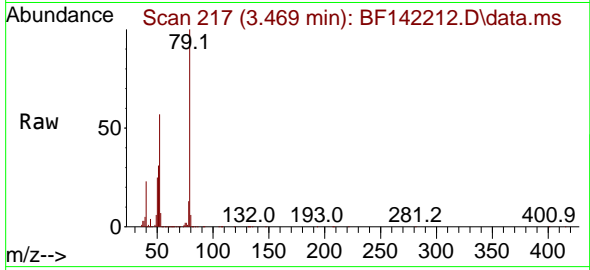




#3  
 Pyridine  
 Concen: 45.893 ng  
 RT: 3.469 min Scan# 217  
 Delta R.T. 0.082 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

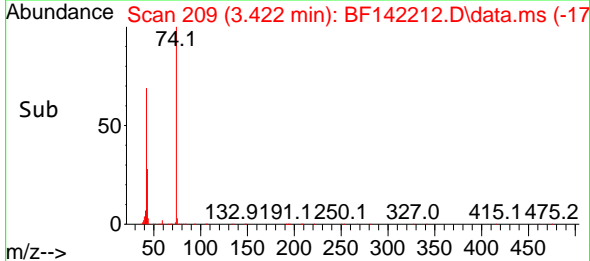
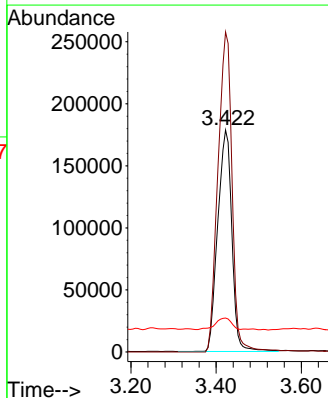
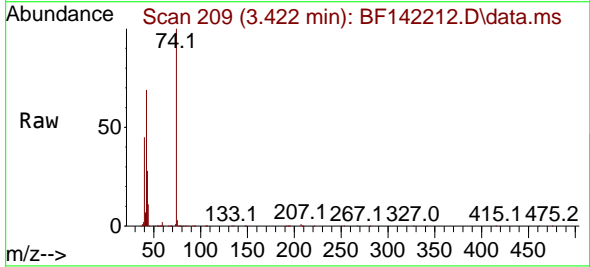
Instrument :  
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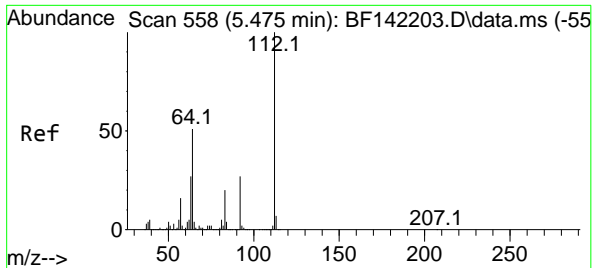
Tgt Ion: 79 Resp: 953931  
 Ion Ratio Lower Upper  
 79 100  
 52 56.8 45.8 68.8  
 51 30.6 23.8 35.6



#4  
 n-Nitrosodimethylamine  
 Concen: 48.624 ng  
 RT: 3.422 min Scan# 209  
 Delta R.T. 0.082 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

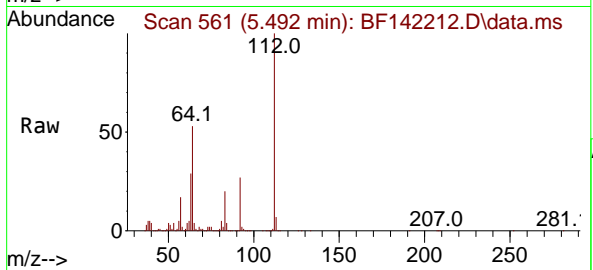
Tgt Ion: 42 Resp: 410384  
 Ion Ratio Lower Upper  
 42 100  
 74 144.2 117.4 176.0  
 44 15.3 9.5 14.3#



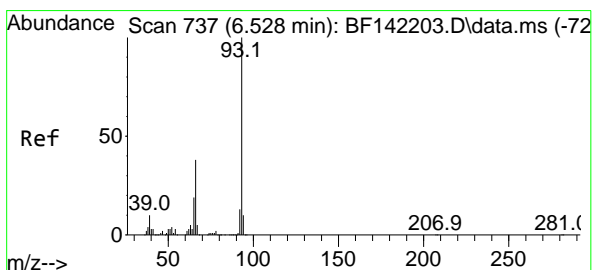
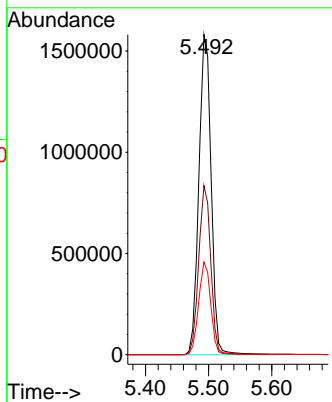
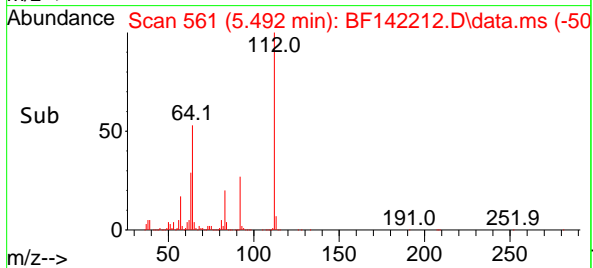


#5  
 2-Fluorophenol  
 Concen: 90.459 ng  
 RT: 5.492 min Scan# 50  
 Delta R.T. 0.018 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

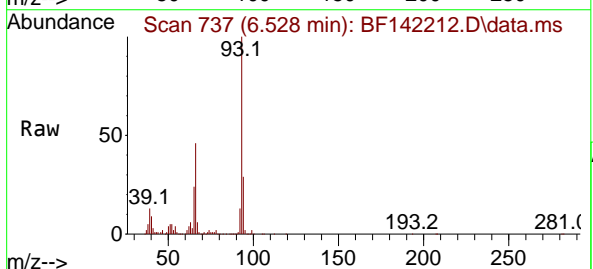
Instrument :  
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 ClientSampleId :  
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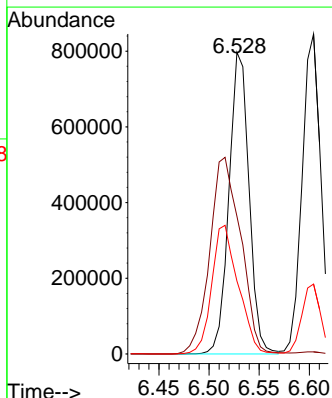
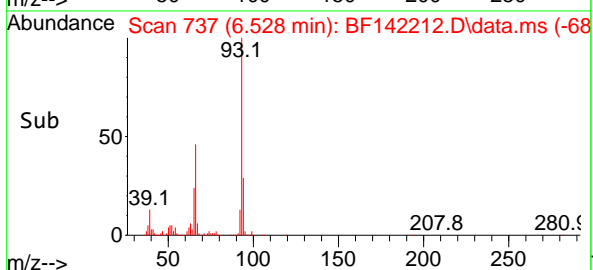
Tgt Ion:112 Resp: 2134167  
 Ion Ratio Lower Upper  
 112 100  
 64 52.9 40.9 61.3  
 63 28.9 22.0 33.0

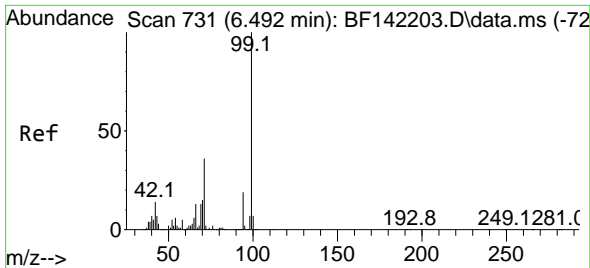


#6  
 Aniline  
 Concen: 40.646 ng  
 RT: 6.528 min Scan# 737  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



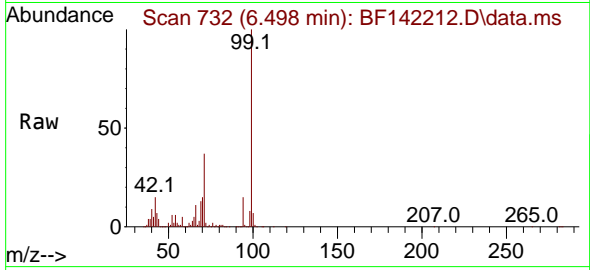
Tgt Ion: 93 Resp: 1108898  
 Ion Ratio Lower Upper  
 93 100  
 66 45.7 30.9 46.3  
 65 24.2 15.1 22.7#



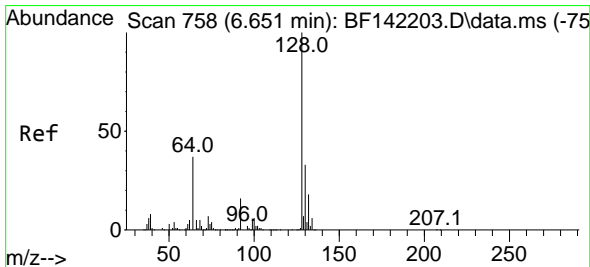
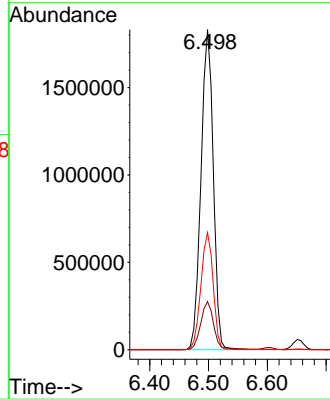
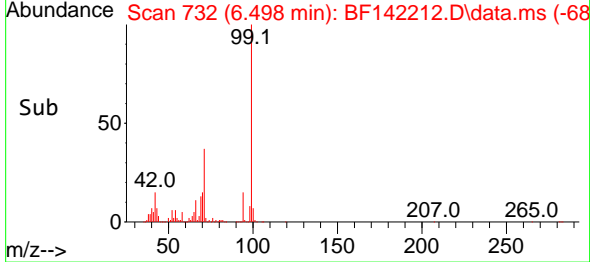


#7  
 Phenol-d6  
 Concen: 89.925 ng  
 RT: 6.498 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

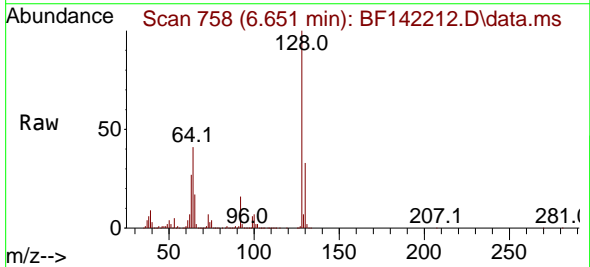
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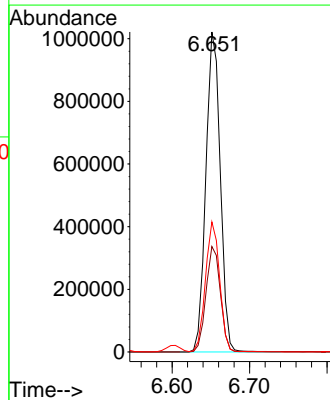
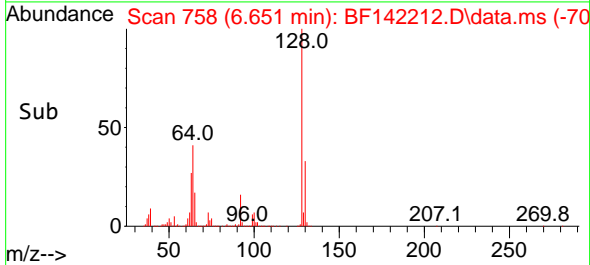
Tgt Ion: 99 Resp: 2656943  
 Ion Ratio Lower Upper  
 99 100  
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 71 36.6 28.6 42.8

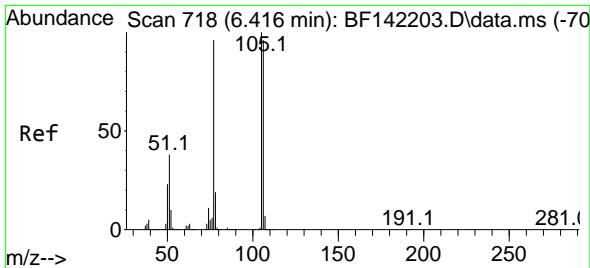


#8  
 2-Chlorophenol  
 Concen: 48.843 ng  
 RT: 6.651 min Scan# 758  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion: 128 Resp: 1319027  
 Ion Ratio Lower Upper  
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 130 32.9 13.0 53.0  
 64 40.6 18.8 58.8



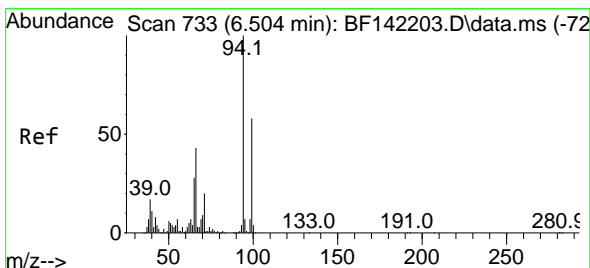
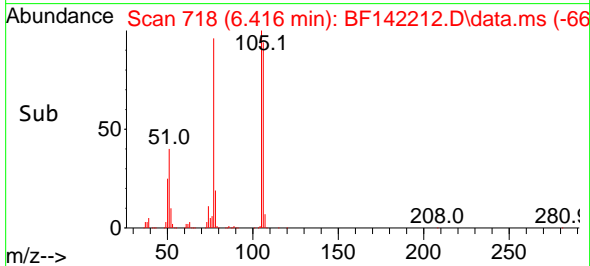
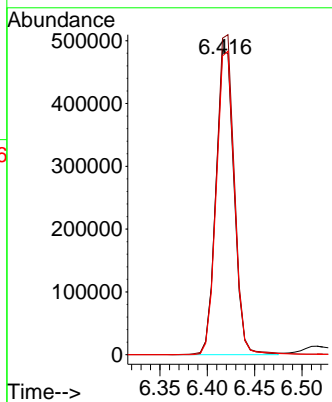
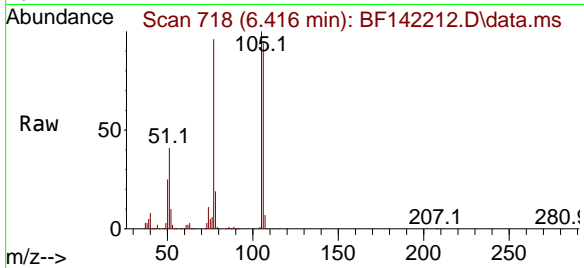


#9  
 Benzaldehyde  
 Concen: 39.773 ng  
 RT: 6.416 min Scan# 718  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
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Tgt Ion: 77 Resp: 645187

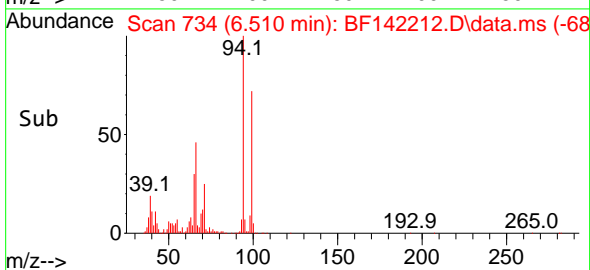
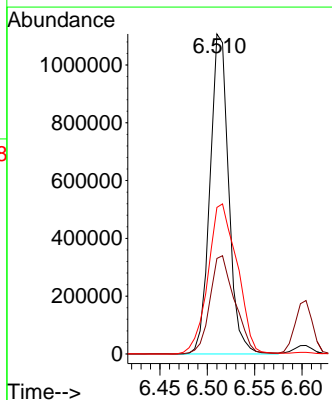
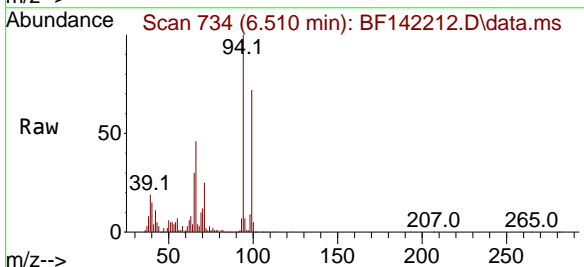
Ion	Ratio	Lower	Upper
77	100		
105	103.9	84.4	124.4
106	98.1	80.3	120.3



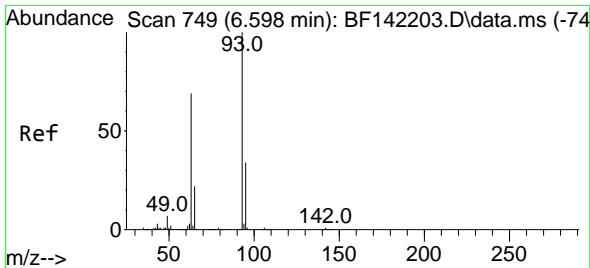
#10  
 Phenol  
 Concen: 48.608 ng  
 RT: 6.510 min Scan# 734  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 94 Resp: 1514821

Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.1	48.1
66	45.8	22.7	62.7

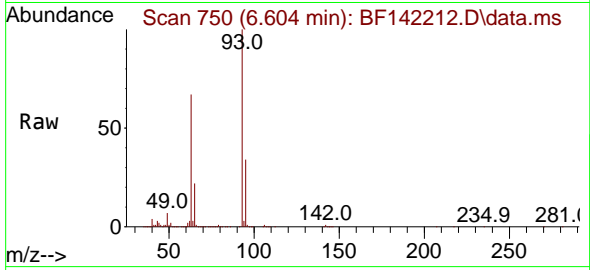




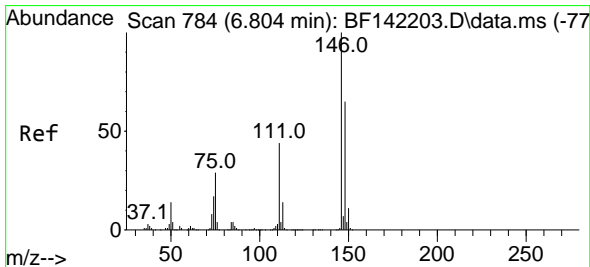
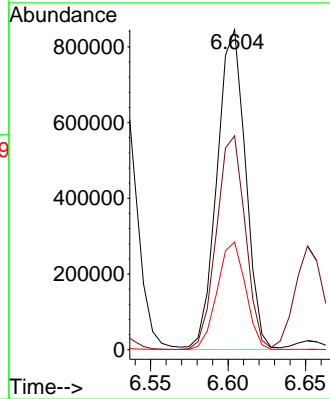
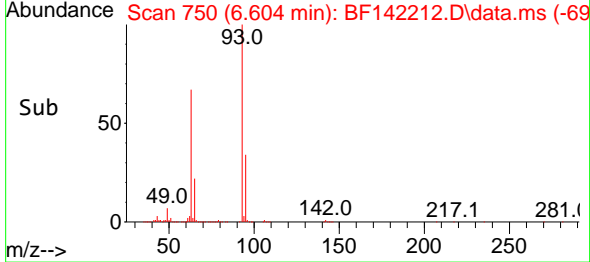


#11  
 bis(2-Chloroethyl)ether  
 Concen: 46.127 ng  
 RT: 6.604 min Scan# 749  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

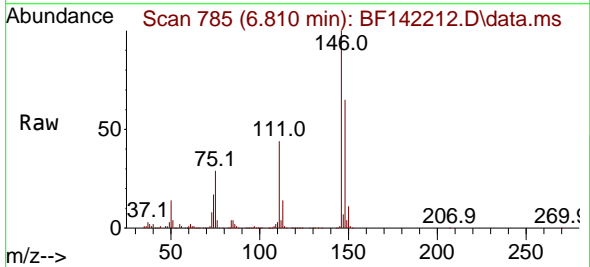
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



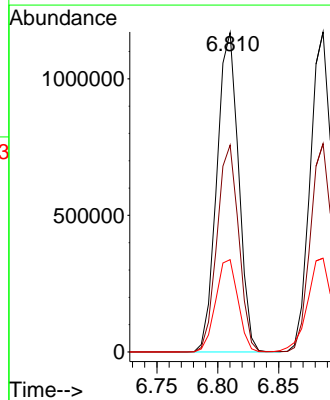
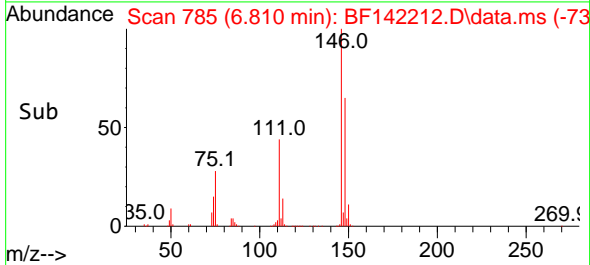
Tgt Ion: 93 Resp: 1084036  
 Ion Ratio Lower Upper  
 93 100  
 63 66.8 47.9 87.9  
 95 33.7 13.7 53.7

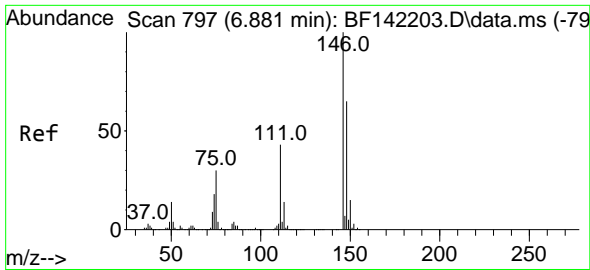


#12  
 1,3-Dichlorobenzene  
 Concen: 47.516 ng  
 RT: 6.810 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion: 146 Resp: 1454111  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.7 77.5  
 75 28.9 23.3 34.9



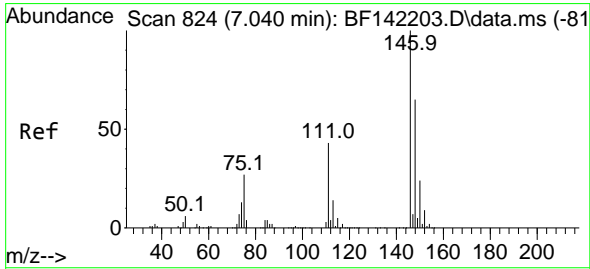
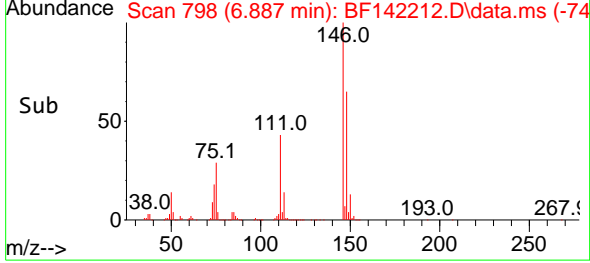
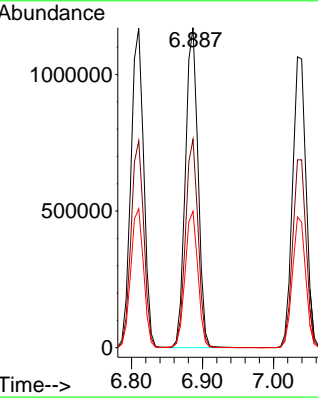
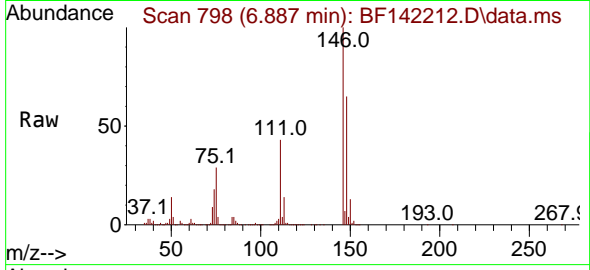


#13  
 1,4-Dichlorobenzene  
 Concen: 46.248 ng  
 RT: 6.887 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:146 Resp: 1451561

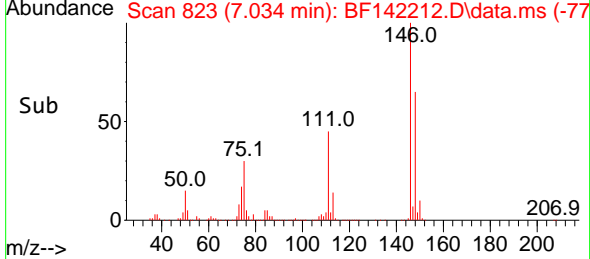
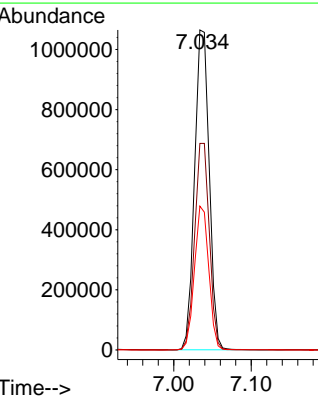
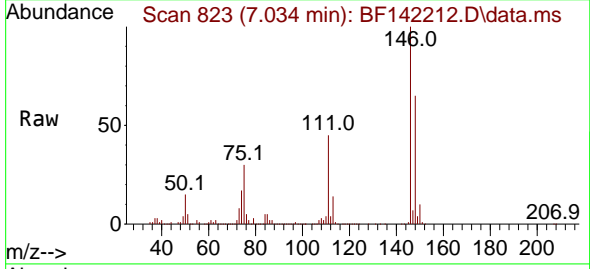
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.4	78.6
111	42.6	34.1	51.1

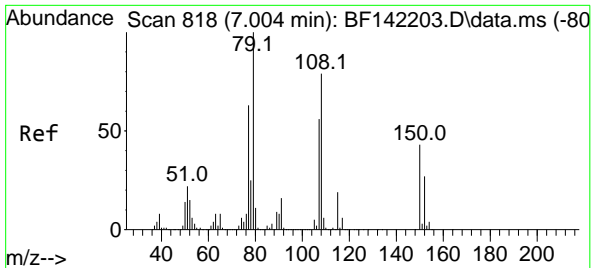


#14  
 1,2-Dichlorobenzene  
 Concen: 47.917 ng  
 RT: 7.034 min Scan# 823  
 Delta R.T. -0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:146 Resp: 1399109

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	45.0	34.2	51.4



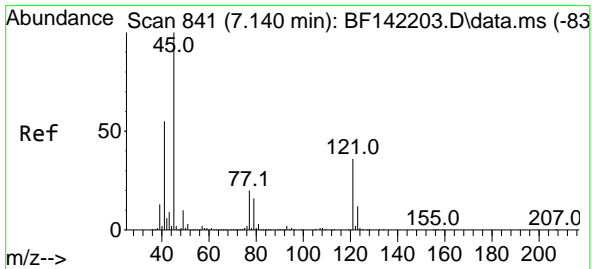
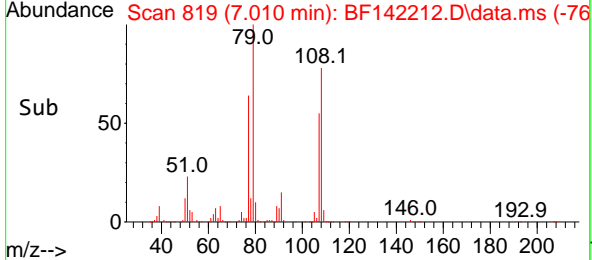
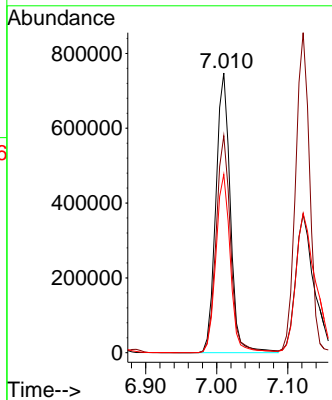
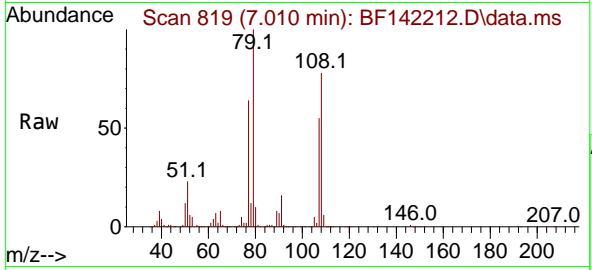


#15  
 Benzyl Alcohol  
 Concen: 48.800 ng  
 RT: 7.010 min Scan# 819  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

Tgt Ion: 79 Resp: 1051306

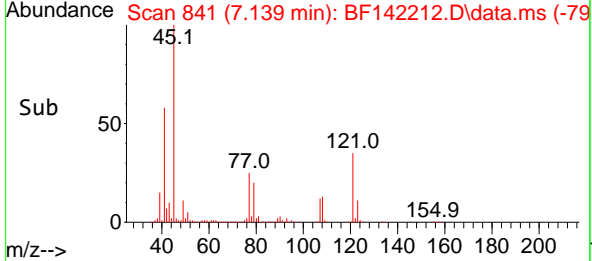
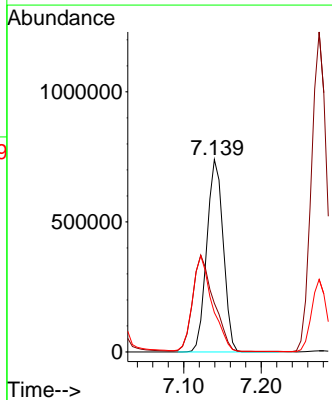
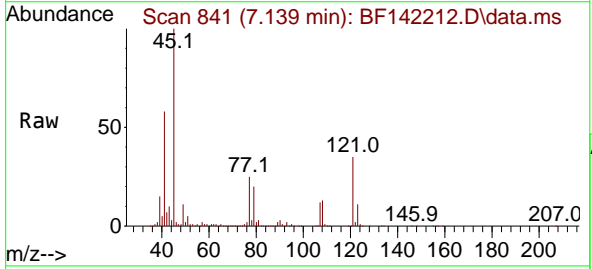
Ion	Ratio	Lower	Upper
79	100		
108	77.6	63.1	94.7
77	63.7	50.6	76.0

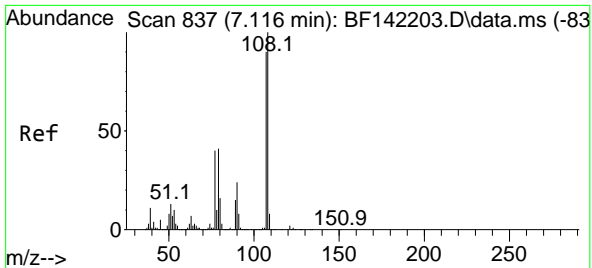


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 47.800 ng  
 RT: 7.139 min Scan# 841  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 45 Resp: 1088845

Ion	Ratio	Lower	Upper
45	100		
77	25.3	1.4	41.4
79	20.5	0.0	36.7





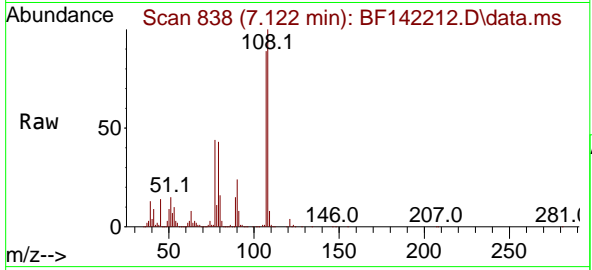
#17  
 2-Methylphenol  
 Concen: 51.330 ng  
 RT: 7.122 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :

BNA\_F

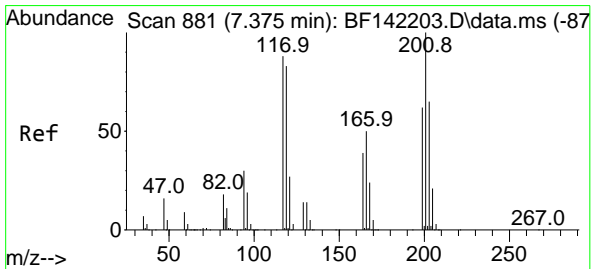
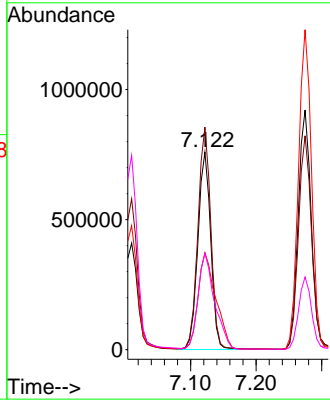
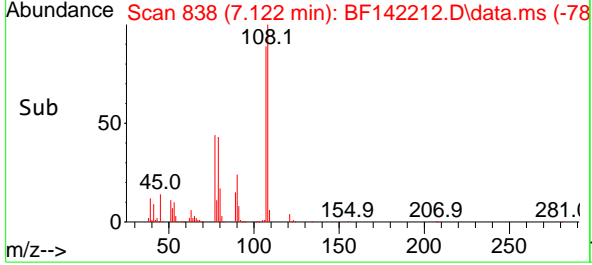
ClientSampleId :

PB167672BSD

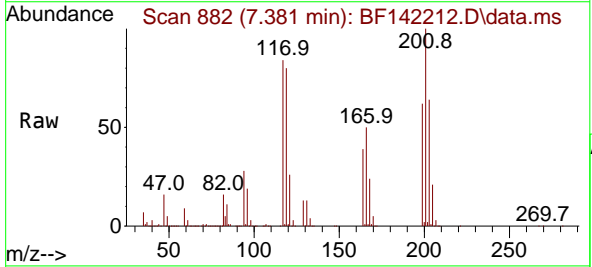


Tgt Ion:107 Resp: 1043285

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.2
77	49.0	36.3	54.5
79	48.7	36.8	55.2

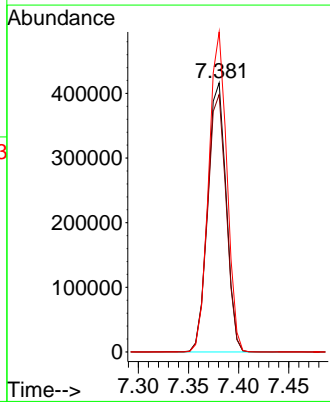
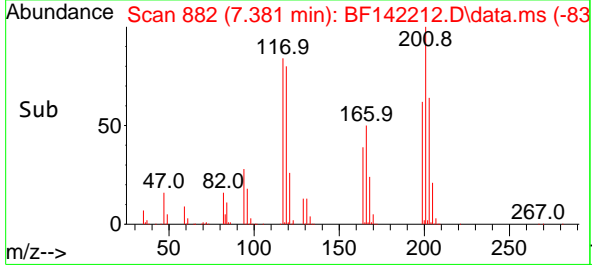


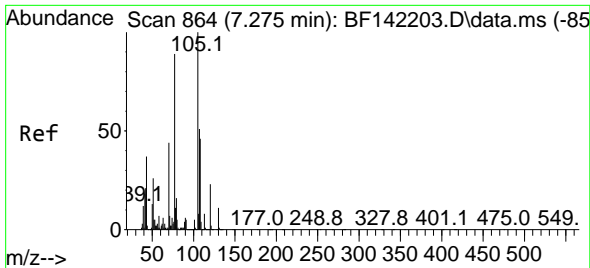
#18  
 Hexachloroethane  
 Concen: 50.167 ng  
 RT: 7.381 min Scan# 882  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:117 Resp: 534909

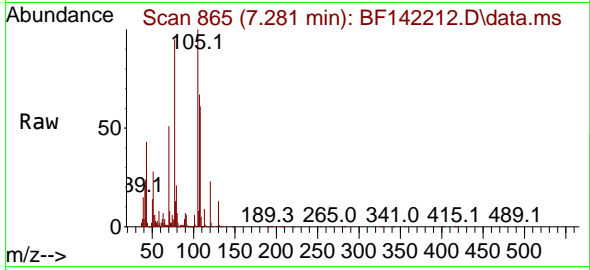
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	118.9	91.4	137.0





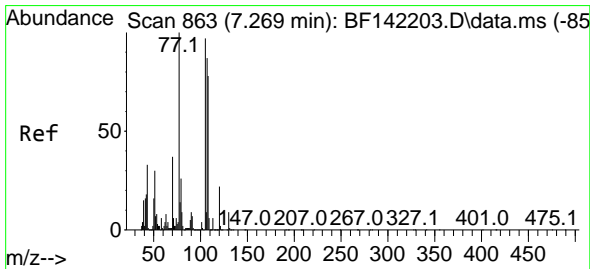
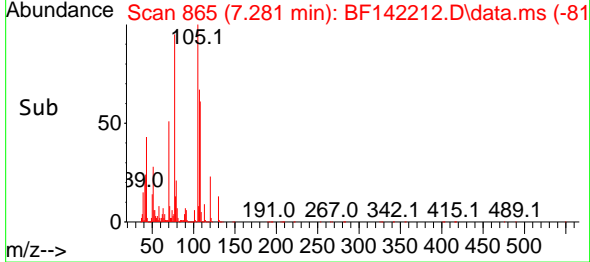
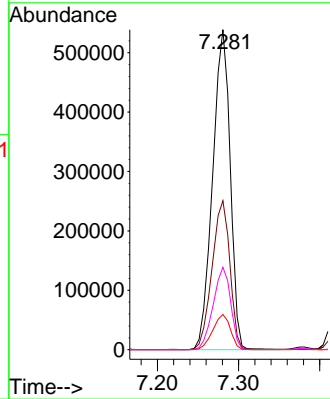
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 48.411 ng  
 RT: 7.281 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



Tgt Ion: 70 Resp: 808846

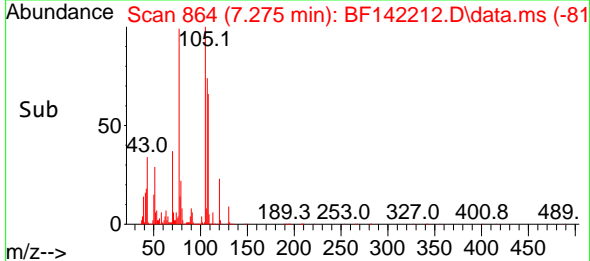
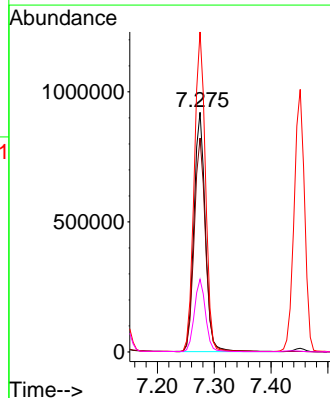
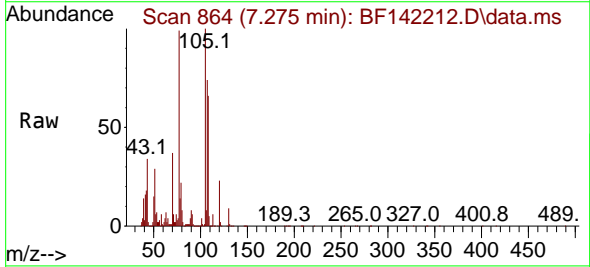
Ion	Ratio	Lower	Upper
70	100		
42	46.6	37.4	56.0
101	11.0	8.6	13.0
130	25.7	20.7	31.1

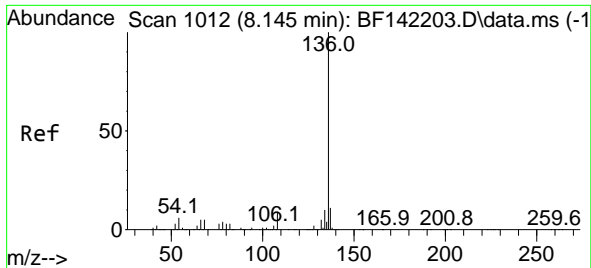


#20  
 3+4-Methylphenols  
 Concen: 50.510 ng  
 RT: 7.275 min Scan# 864  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 107 Resp: 1276816

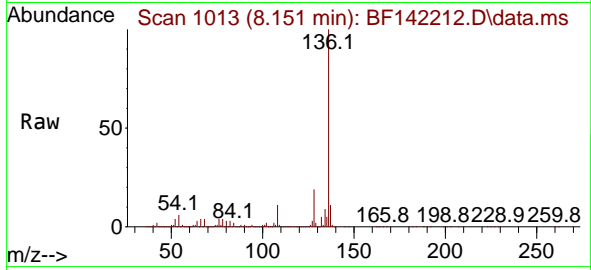
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.8	109.8
77	133.5	94.5	134.5
79	30.3	9.8	49.8



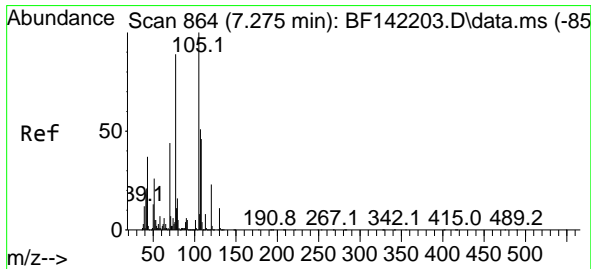
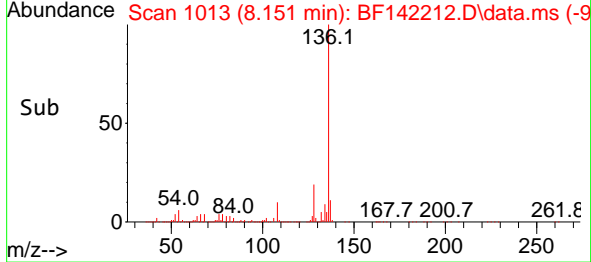
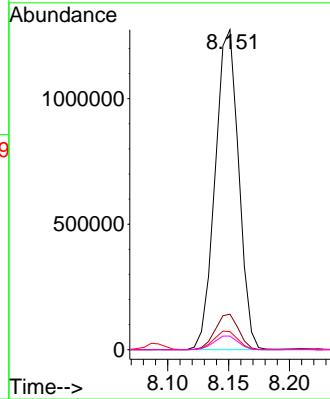


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.151 min Scan# 1013  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 Client SampleId : PB167672BSD

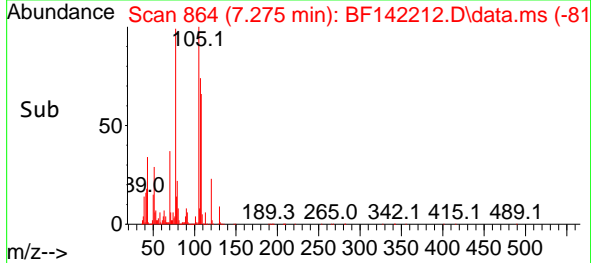
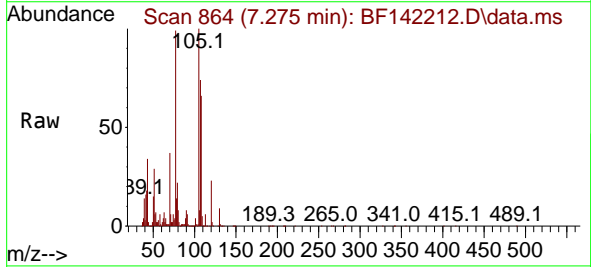
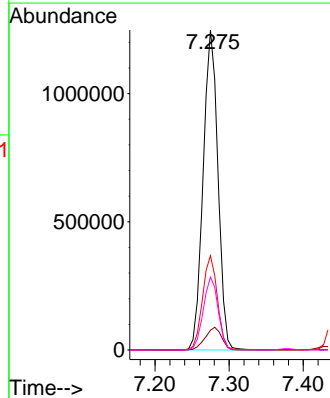


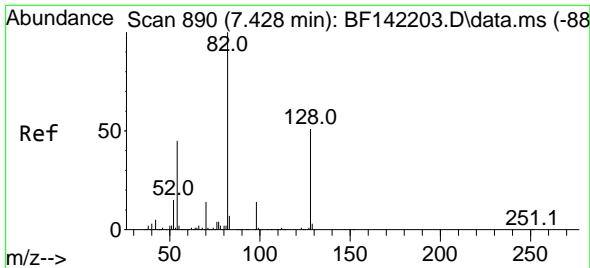
Tgt Ion:136 Resp: 1715608  
 Ion Ratio Lower Upper  
 136 100  
 137 11.1 8.9 13.3  
 54 5.7 4.7 7.1  
 68 4.3 3.7 5.5



#22  
 Acetophenone  
 Concen: 45.904 ng  
 RT: 7.275 min Scan# 864  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

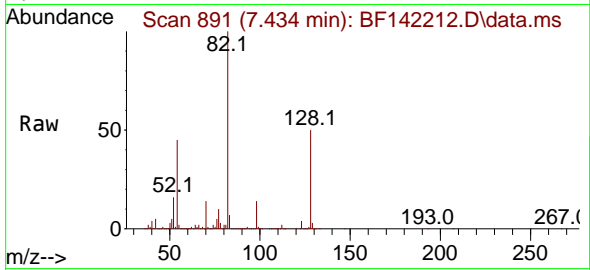
Tgt Ion:105 Resp: 1728652  
 Ion Ratio Lower Upper  
 105 100  
 71 6.2 5.8 8.8  
 51 29.5 20.9 31.3  
 120 22.8 18.6 27.8



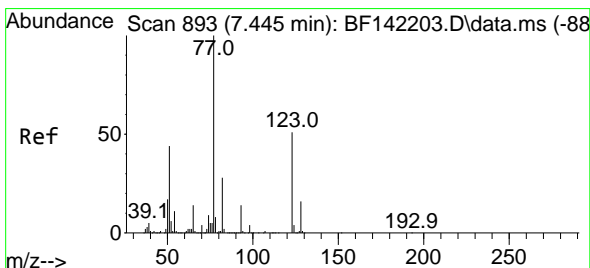
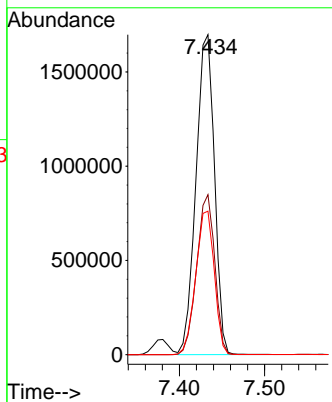
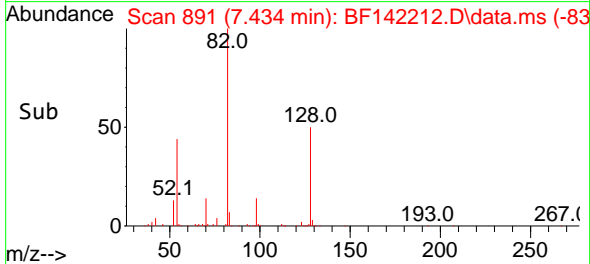


#23  
 Nitrobenzene-d5  
 Concen: 93.486 ng  
 RT: 7.434 min Scan# 891  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

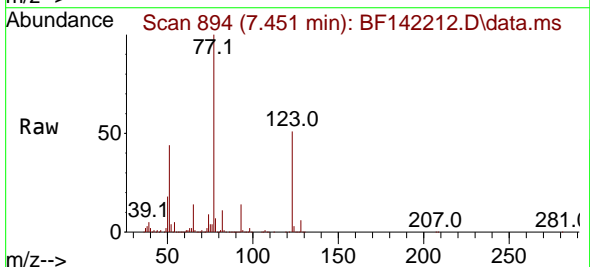
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



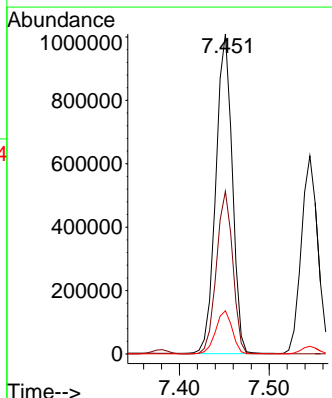
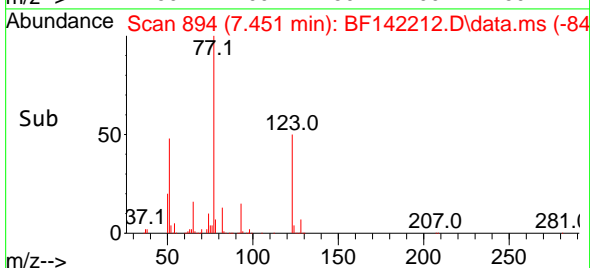
Tgt Ion: 82 Resp: 2553798  
 Ion Ratio Lower Upper  
 82 100  
 128 50.0 40.2 60.2  
 54 44.9 35.5 53.3

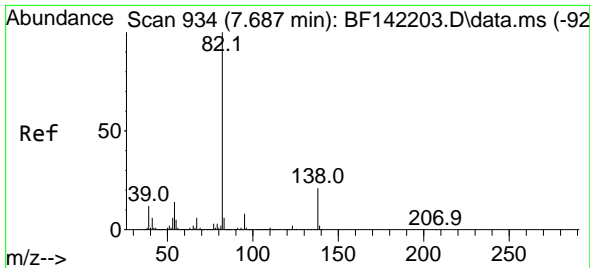


#24  
 Nitrobenzene  
 Concen: 47.389 ng  
 RT: 7.451 min Scan# 894  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



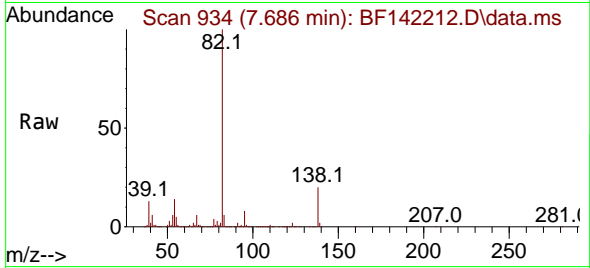
Tgt Ion: 77 Resp: 1282511  
 Ion Ratio Lower Upper  
 77 100  
 123 50.8 40.7 61.1  
 65 13.5 10.9 16.3



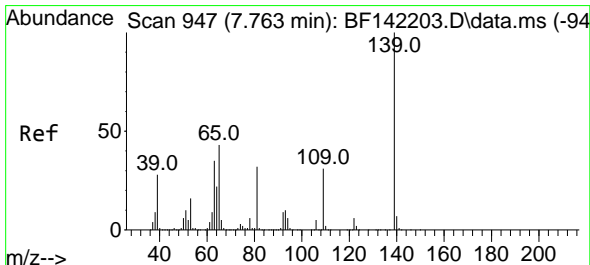
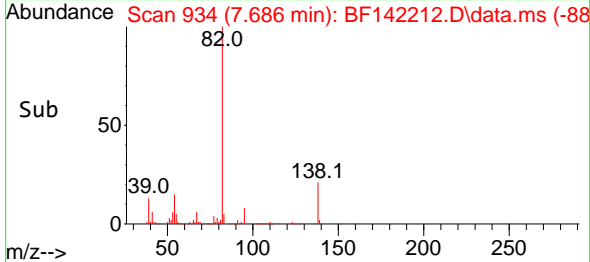
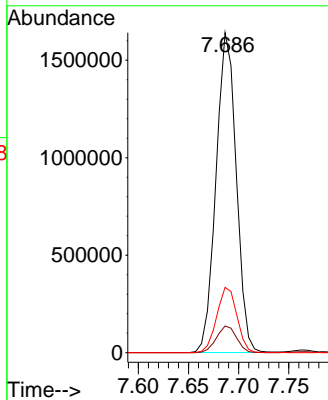


#25  
 Isophorone  
 Concen: 50.181 ng  
 RT: 7.686 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

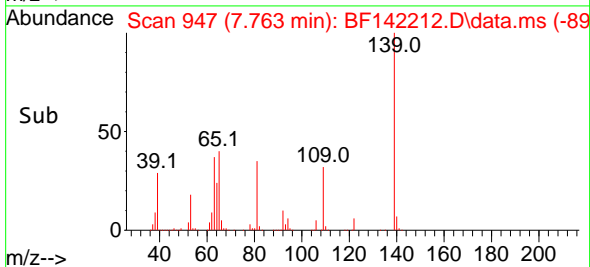
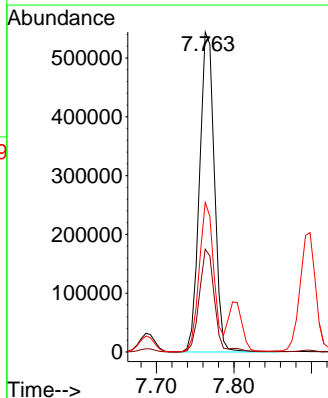
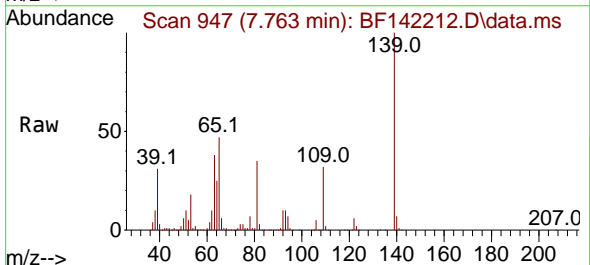


Tgt Ion: 82 Resp: 2301056  
 Ion Ratio Lower Upper  
 82 100  
 95 8.3 6.5 9.7  
 138 20.4 16.9 25.3

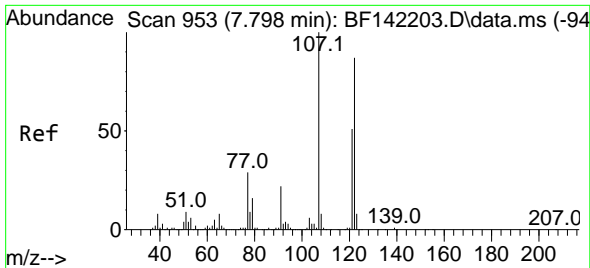


#26  
 2-Nitrophenol  
 Concen: 51.035 ng  
 RT: 7.763 min Scan# 947  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 139 Resp: 726011  
 Ion Ratio Lower Upper  
 139 100  
 109 32.1 24.4 36.6  
 65 46.7 34.2 51.2







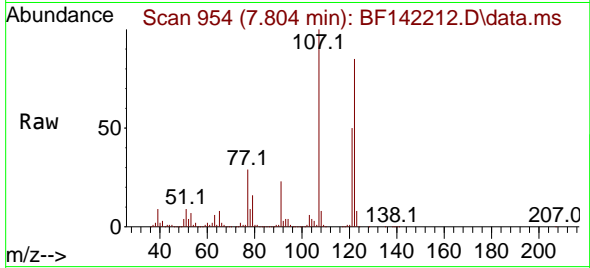
#27  
 2,4-Dimethylphenol  
 Concen: 65.045 ng  
 RT: 7.804 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :

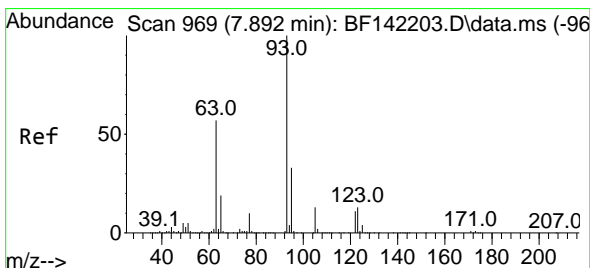
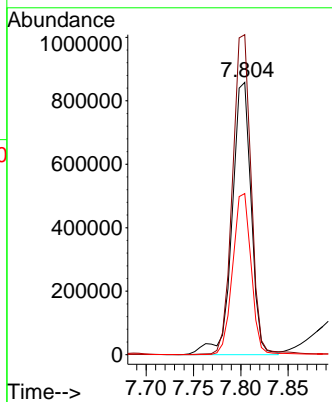
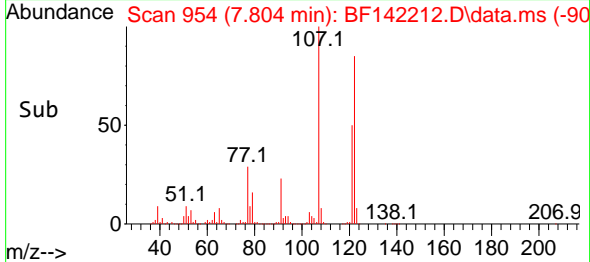
BNA\_F

ClientSampleId :

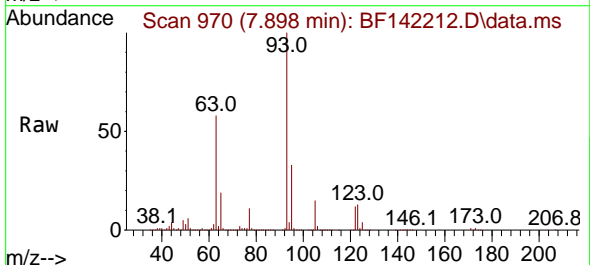
PB167672BSD



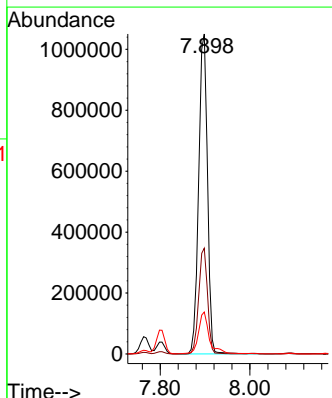
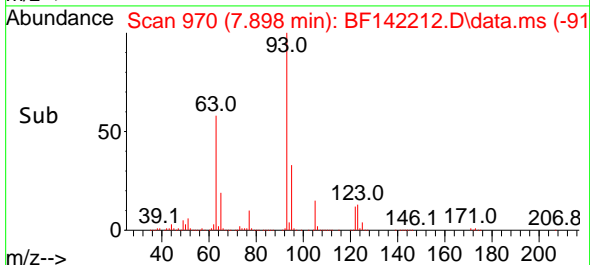
Tgt Ion:122 Resp: 1203141  
 Ion Ratio Lower Upper  
 122 100  
 107 117.5 91.6 137.4  
 121 59.1 46.7 70.1

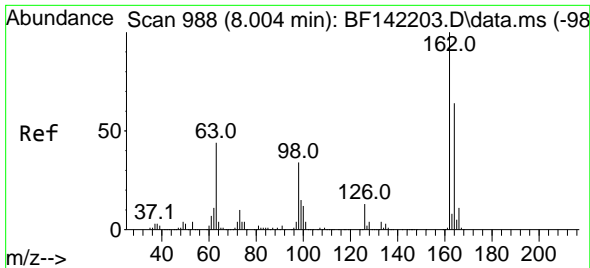


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.454 ng  
 RT: 7.898 min Scan# 970  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion: 93 Resp: 1428156  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.3 39.5  
 123 13.1 10.9 16.3

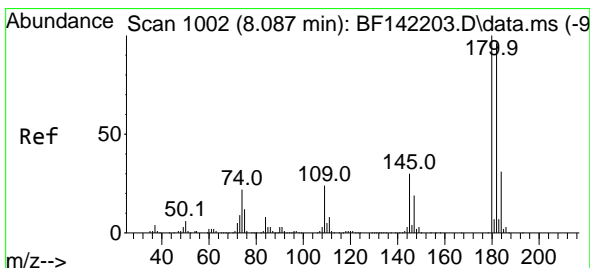
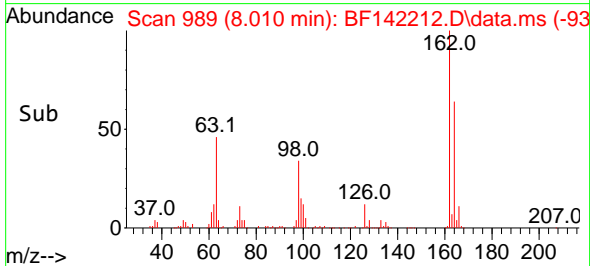
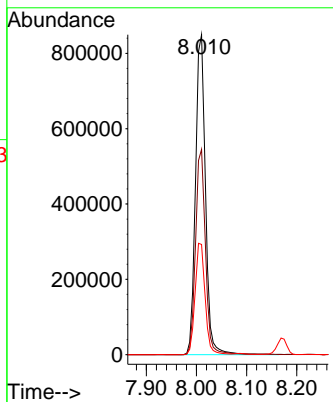
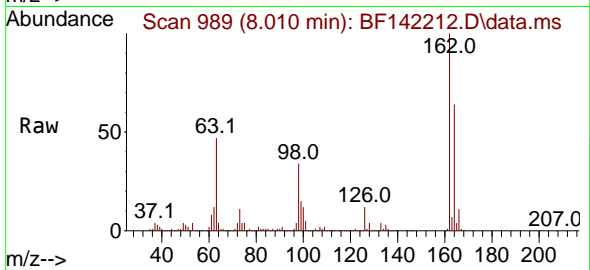




#29  
 2,4-Dichlorophenol  
 Concen: 46.539 ng  
 RT: 8.010 min Scan# 989  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

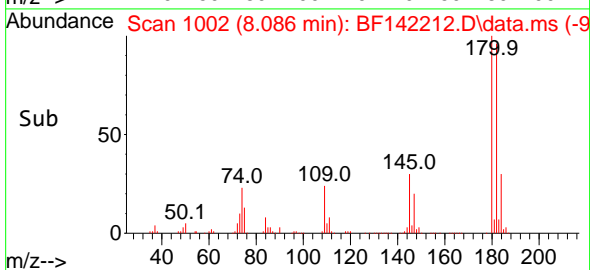
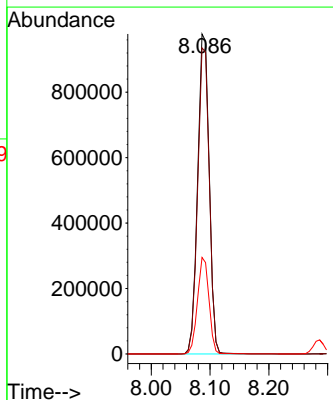
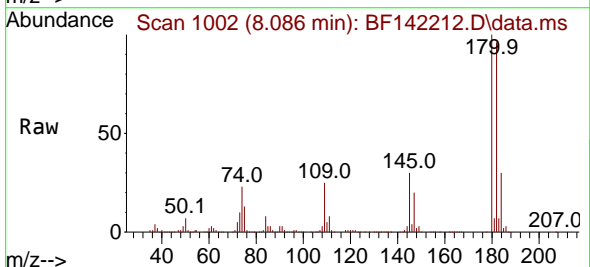
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

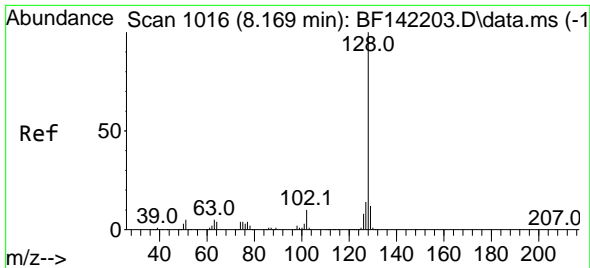
Tgt Ion:162 Resp: 1170779  
 Ion Ratio Lower Upper  
 162 100  
 164 64.2 44.2 84.2  
 98 34.4 13.8 53.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.451 ng  
 RT: 8.086 min Scan# 1002  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:180 Resp: 1337110  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 77.0 115.4  
 145 30.2 24.3 36.5





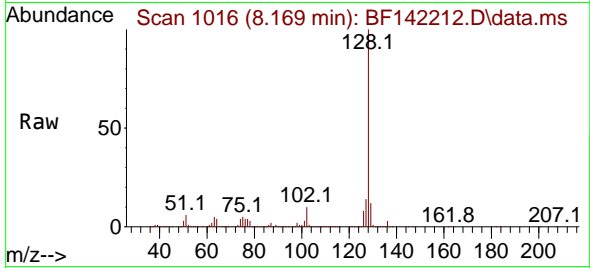
#31  
 Naphthalene  
 Concen: 45.384 ng  
 RT: 8.169 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :

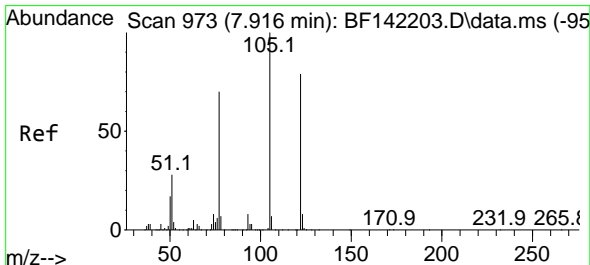
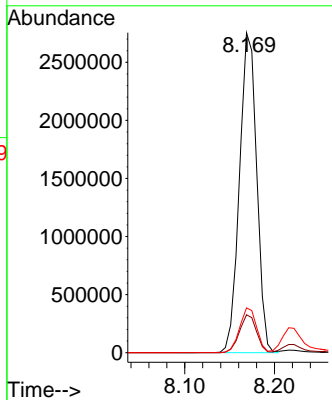
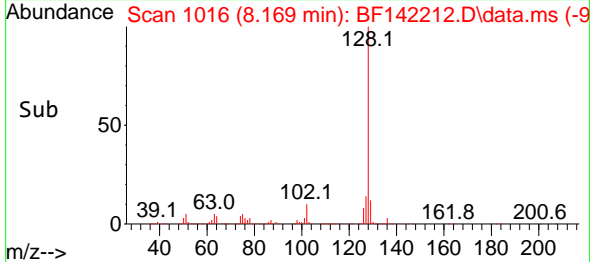
BNA\_F

ClientSampleId :

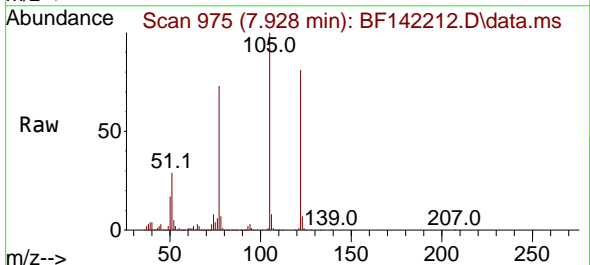
PB167672BSD



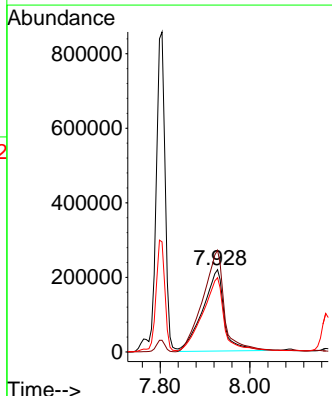
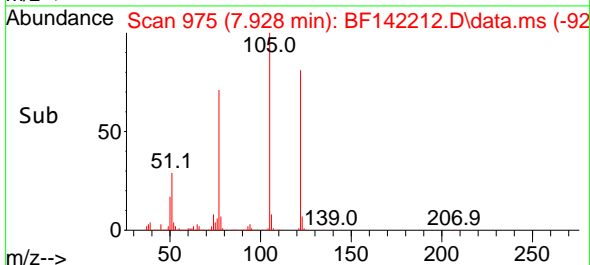
Tgt Ion:128 Resp: 3678051  
 Ion Ratio Lower Upper  
 128 100  
 129 11.9 9.6 14.4  
 127 14.0 11.4 17.0

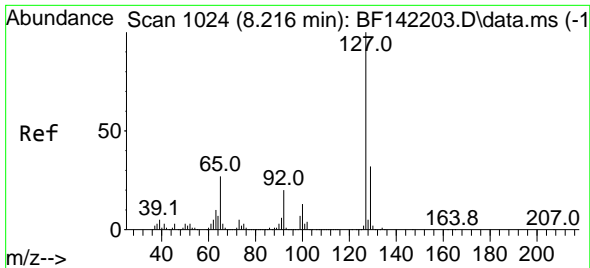


#32  
 Benzoic acid  
 Concen: 43.260 ng  
 RT: 7.928 min Scan# 975  
 Delta R.T. 0.012 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:122 Resp: 726069  
 Ion Ratio Lower Upper  
 122 100  
 105 123.7 101.5 141.5  
 77 90.2 66.6 106.6



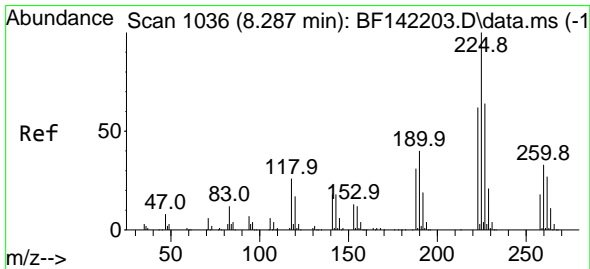
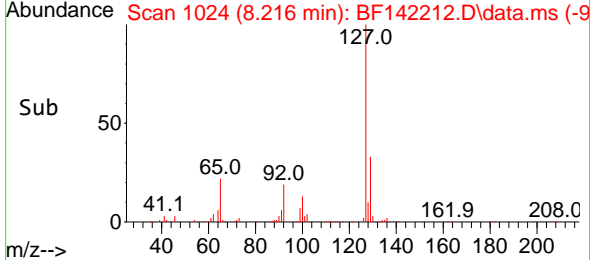
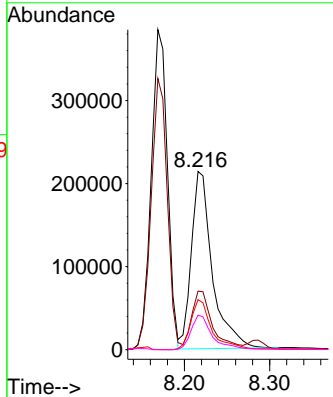
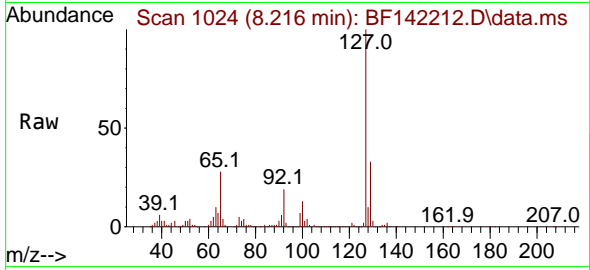


#33  
 4-Chloroaniline  
 Concen: 12.428 ng  
 RT: 8.216 min Scan# 1024  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

Tgt Ion:127 Resp: 364711

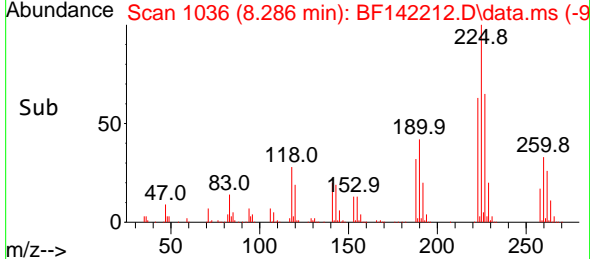
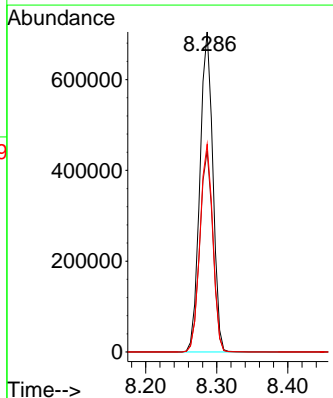
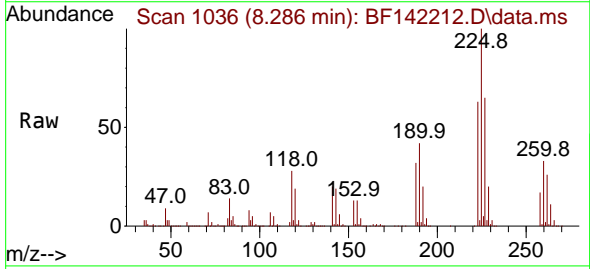
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.1	21.8	32.6
92	19.4	15.8	23.6

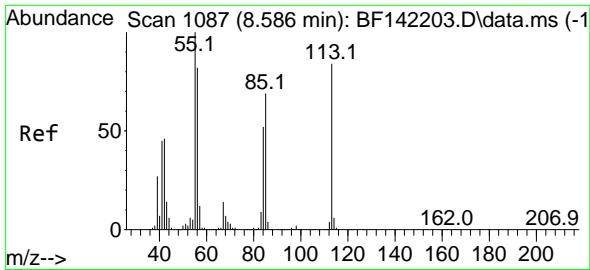


#34  
 Hexachlorobutadiene  
 Concen: 46.140 ng  
 RT: 8.286 min Scan# 1036  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:225 Resp: 895789

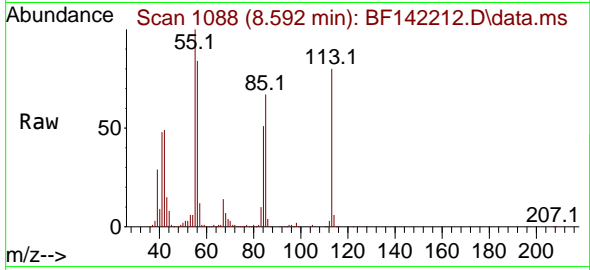
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	64.9	51.4	77.2



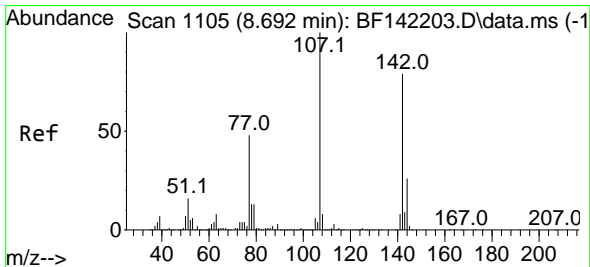
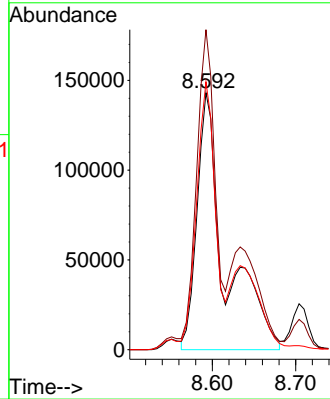
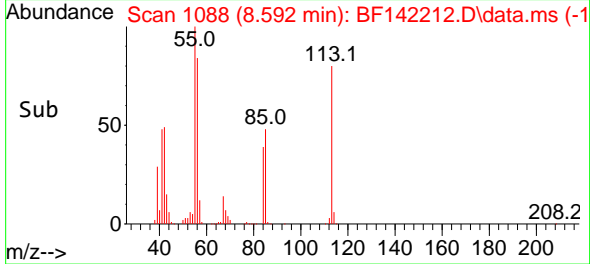


#35  
 Caprolactam  
 Concen: 49.463 ng m  
 RT: 8.592 min Scan# 1087  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

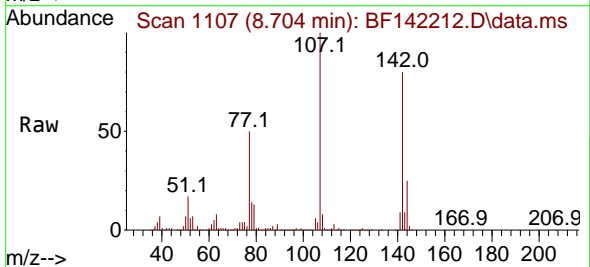
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



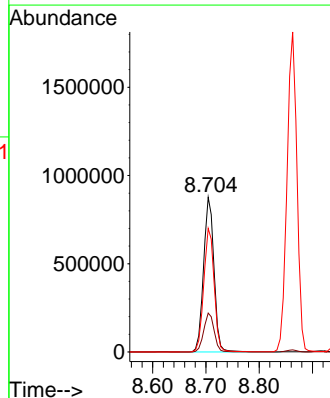
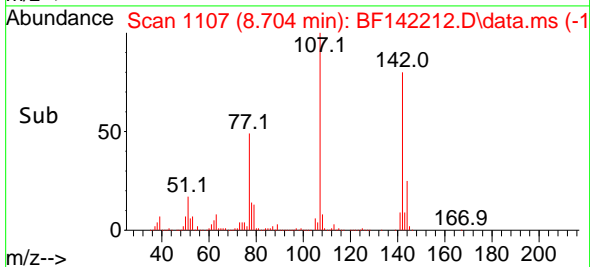
Tgt Ion:113 Resp: 331943  
 Ion Ratio Lower Upper  
 113 100  
 55 124.6 99.5 139.5  
 56 104.2 78.1 118.1

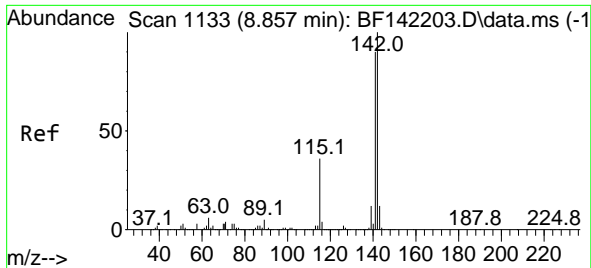


#36  
 4-Chloro-3-methylphenol  
 Concen: 47.026 ng  
 RT: 8.704 min Scan# 1107  
 Delta R.T. 0.012 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:107 Resp: 1190880  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 20.6 30.8  
 142 79.8 63.2 94.8

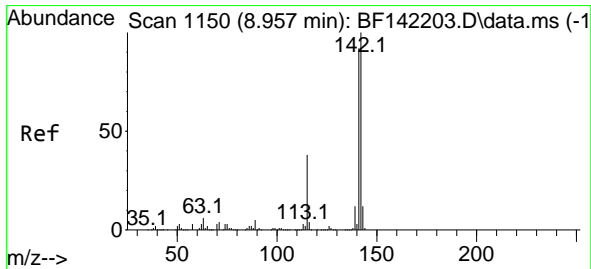
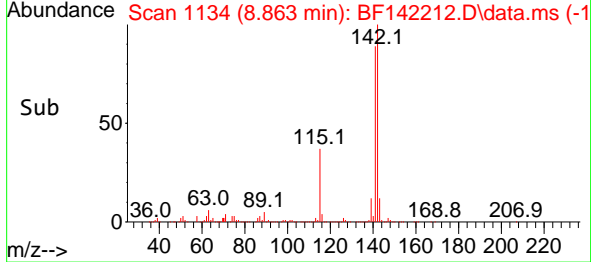
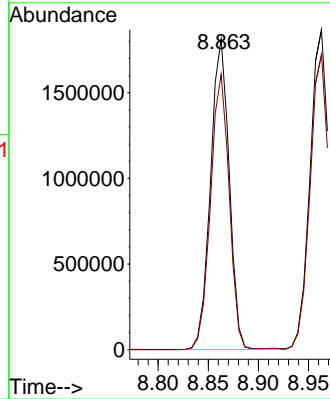
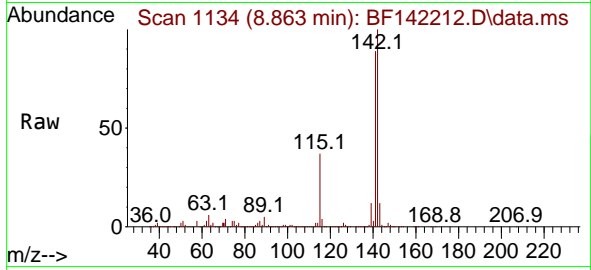




#37  
 2-Methylnaphthalene  
 Concen: 41.974 ng  
 RT: 8.863 min Scan# 1114  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

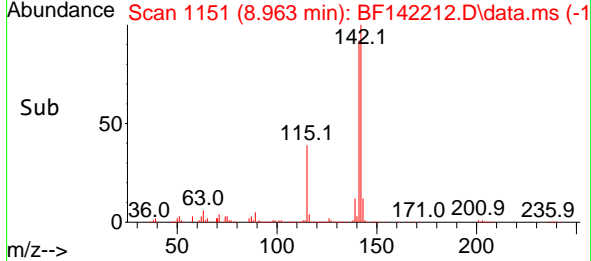
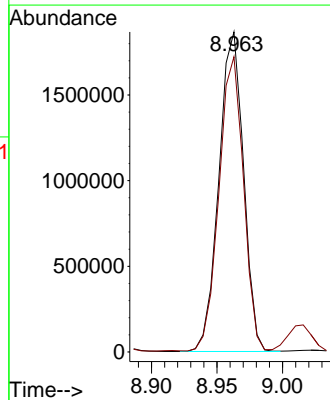
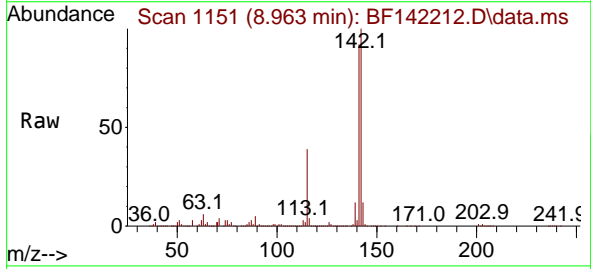
Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

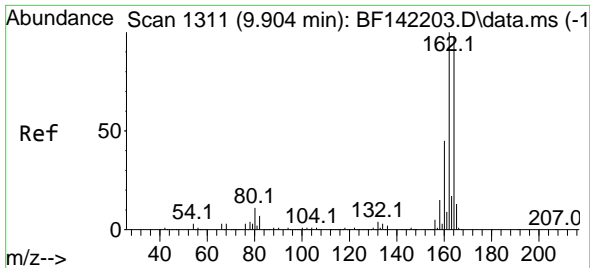
Tgt Ion:142 Resp: 2350967  
 Ion Ratio Lower Upper  
 142 100  
 141 88.6 71.9 107.9



#38  
 1-Methylnaphthalene  
 Concen: 44.847 ng  
 RT: 8.963 min Scan# 1151  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:142 Resp: 2432087  
 Ion Ratio Lower Upper  
 142 100  
 141 92.3 73.3 109.9

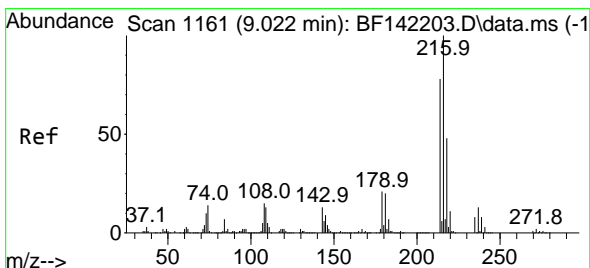
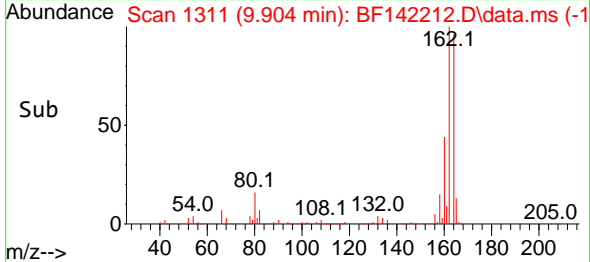
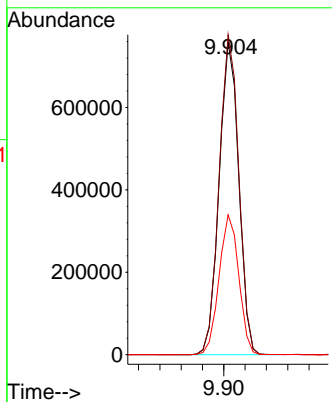
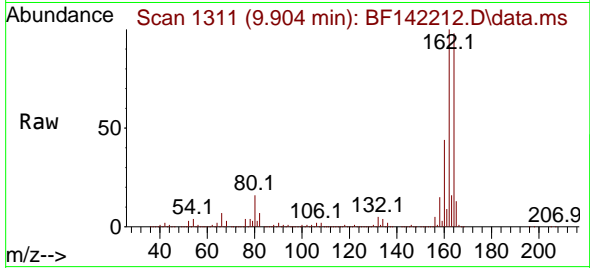




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.904 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

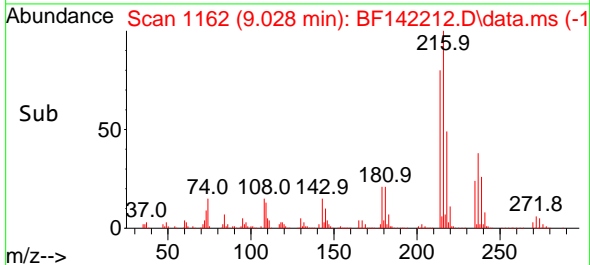
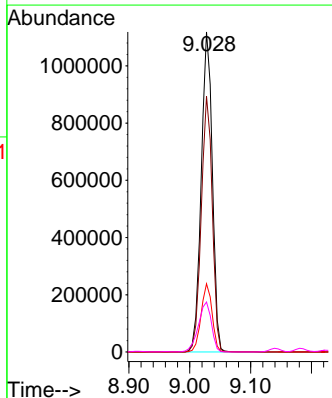
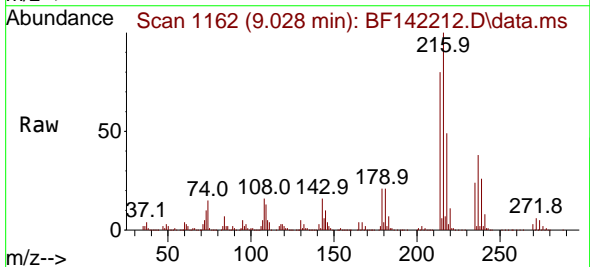
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

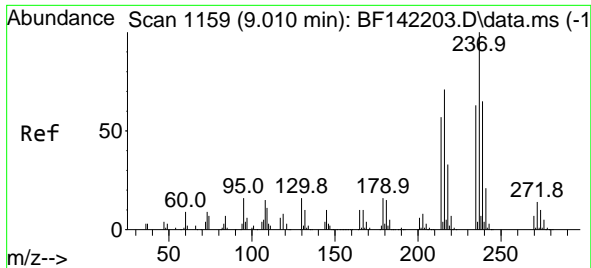
Tgt Ion:164 Resp: 967073  
 Ion Ratio Lower Upper  
 164 100  
 162 102.4 81.9 122.9  
 160 44.7 36.8 55.2



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.681 ng  
 RT: 9.028 min Scan# 1162  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:216 Resp: 1413806  
 Ion Ratio Lower Upper  
 216 100  
 214 79.3 62.7 94.1  
 179 21.1 16.7 25.1  
 108 18.3 12.2 18.2#



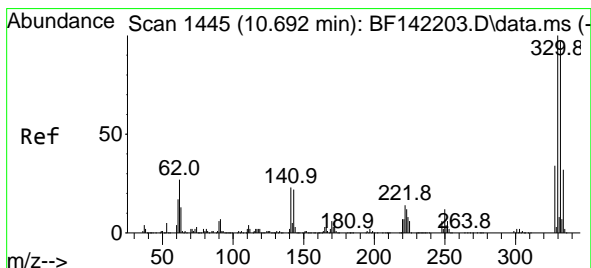
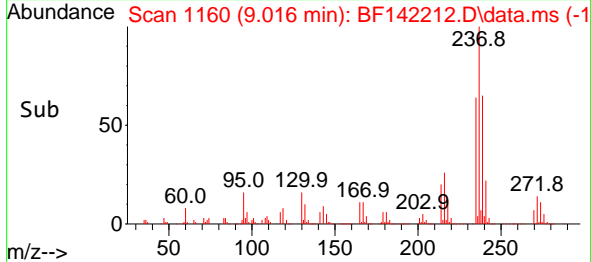
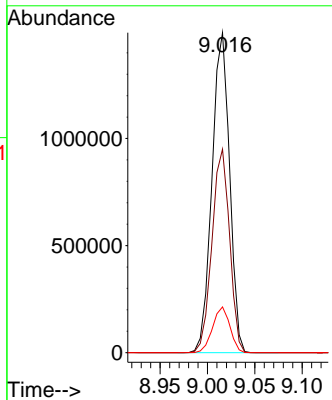
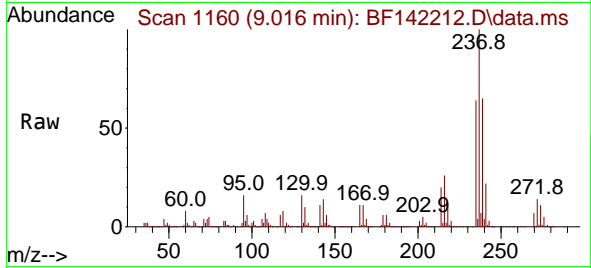


#41  
 Hexachlorocyclopentadiene  
 Concen: 199.269 ng  
 RT: 9.016 min Scan# 1159  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:237 Resp: 1933489

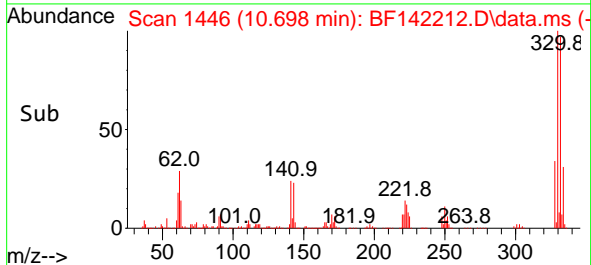
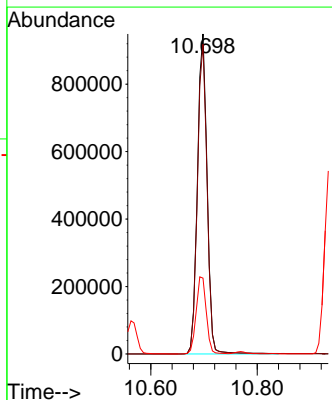
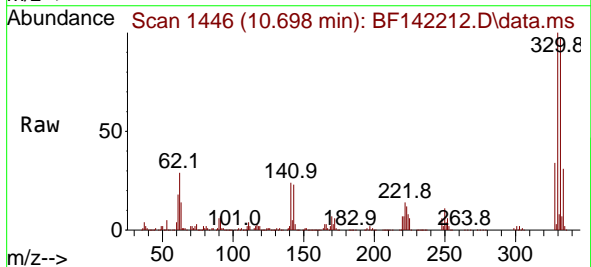
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.6	82.6
272	14.3	0.0	33.6



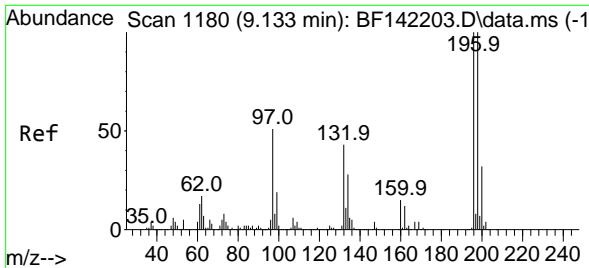
#42  
 2,4,6-Tribromophenol  
 Concen: 90.829 ng  
 RT: 10.698 min Scan# 1446  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:330 Resp: 1200976

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	25.2	18.9	28.3



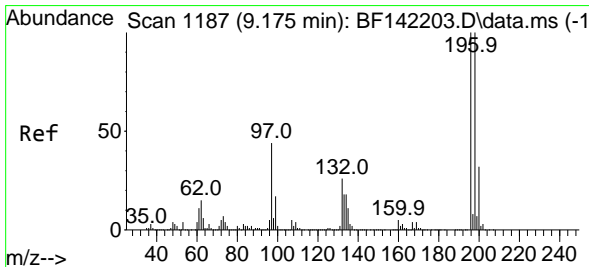
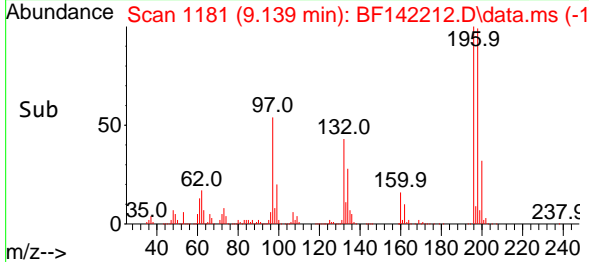
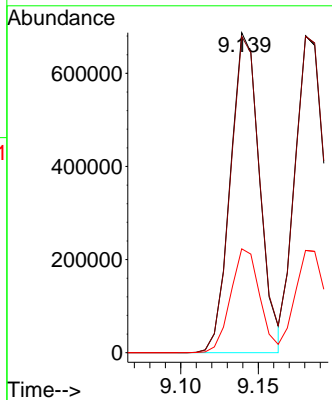
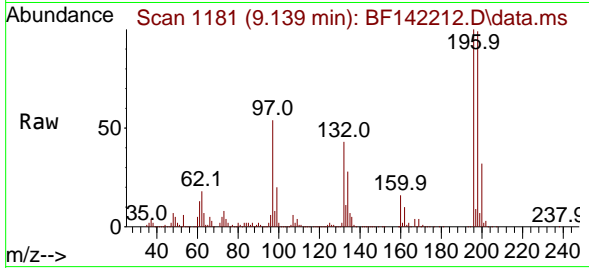




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.605 ng  
 RT: 9.139 min Scan# 1180  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

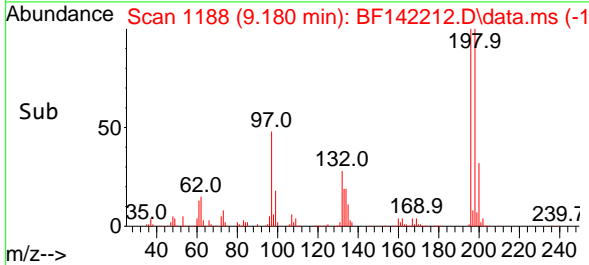
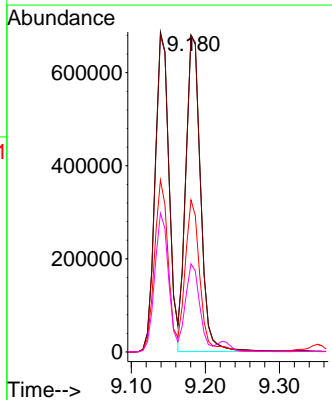
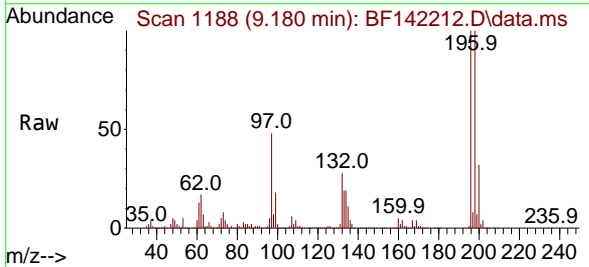
Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

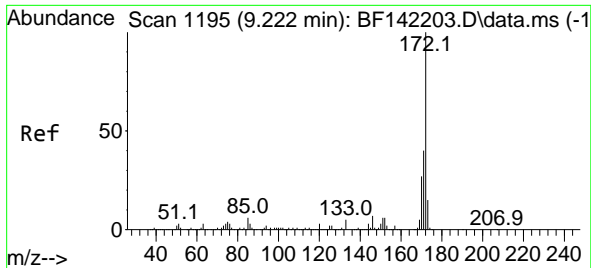
Tgt Ion	Resp	Lower	Upper
196	100		
198	98.8	80.0	120.0
200	32.4	25.6	38.4



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.498 ng  
 RT: 9.180 min Scan# 1188  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion	Resp	Lower	Upper
196	100		
198	99.8	80.0	120.0
97	48.0	35.9	53.9
132	27.8	21.1	31.7



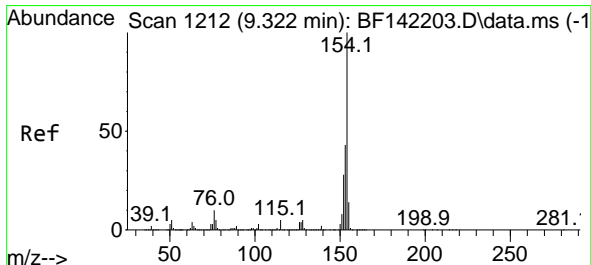
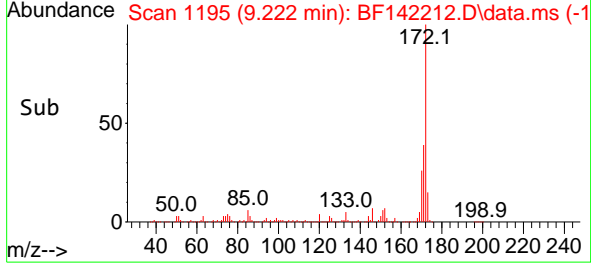
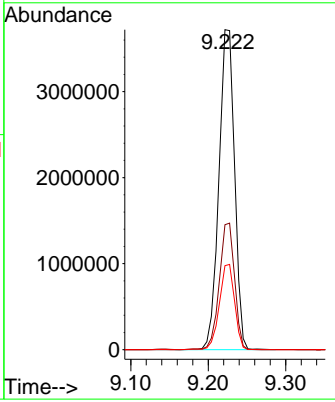
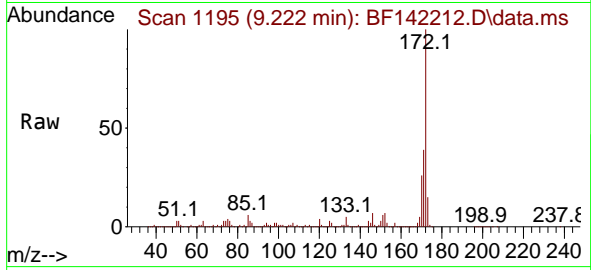


#45  
 2-Fluorobiphenyl  
 Concen: 88.191 ng  
 RT: 9.222 min Scan# 1195  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

Tgt Ion:172 Resp: 5232587

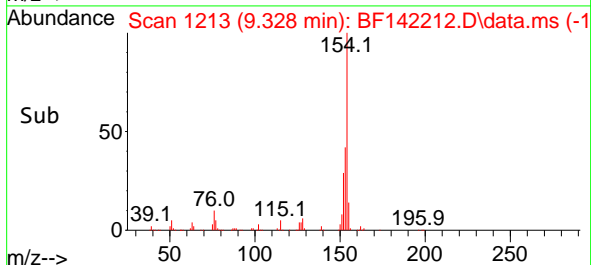
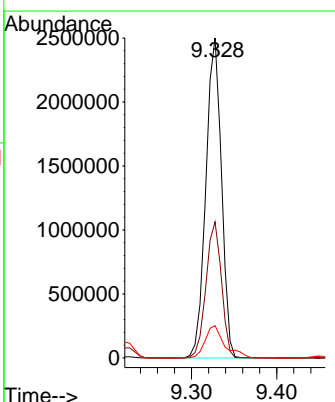
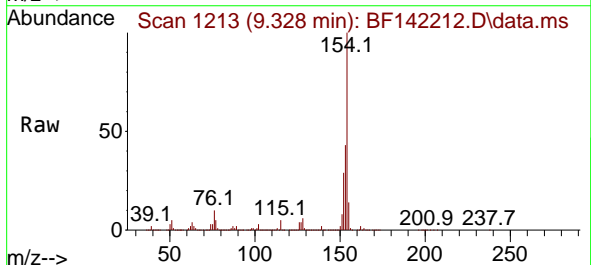
Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.1	48.1
170	26.2	21.4	32.0

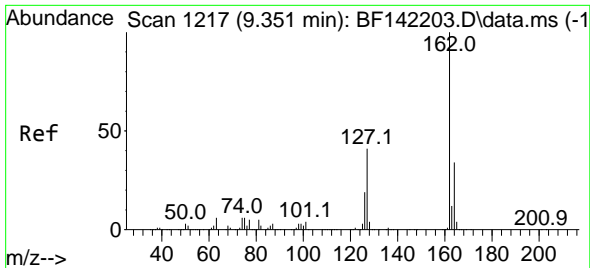


#46  
 1,1'-Biphenyl  
 Concen: 45.845 ng  
 RT: 9.328 min Scan# 1213  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:154 Resp: 3179172

Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.5	62.5
76	10.1	0.0	30.4



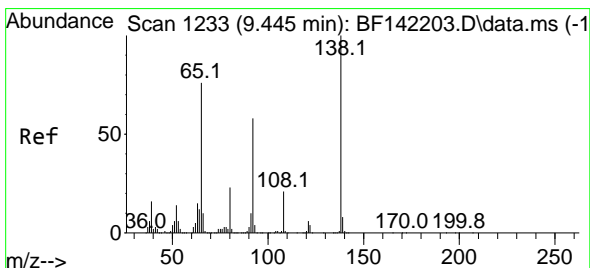
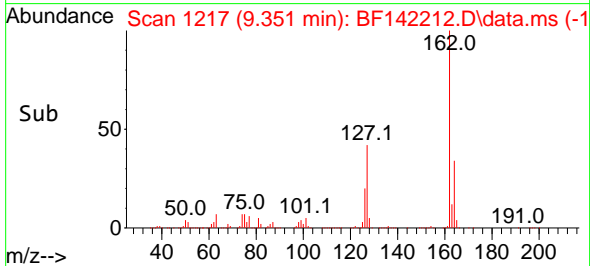
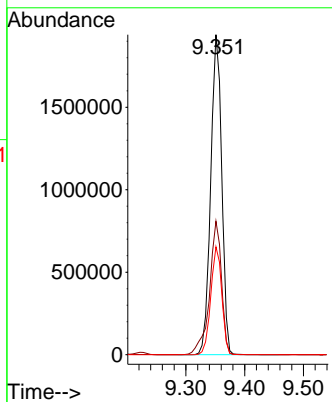
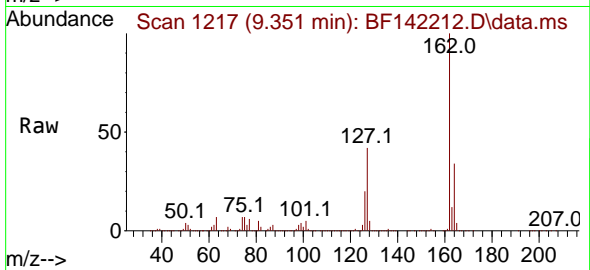


#47  
 2-Chloronaphthalene  
 Concen: 46.824 ng  
 RT: 9.351 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:162 Resp: 2520398

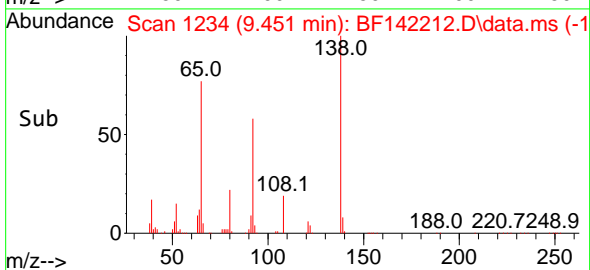
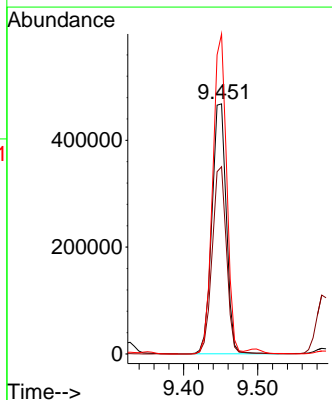
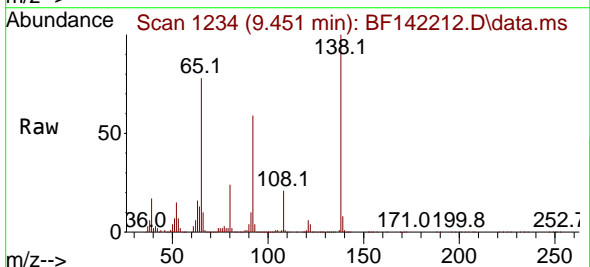
Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.1	49.7
164	33.7	27.1	40.7

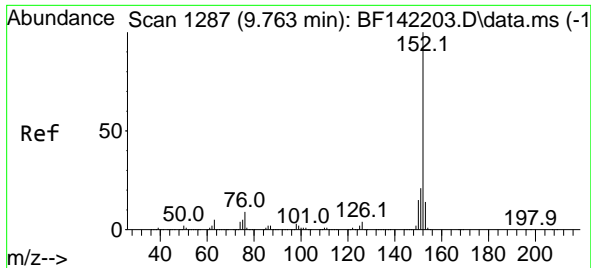


#48  
 2-Nitroaniline  
 Concen: 50.126 ng  
 RT: 9.451 min Scan# 1234  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 65 Resp: 632449

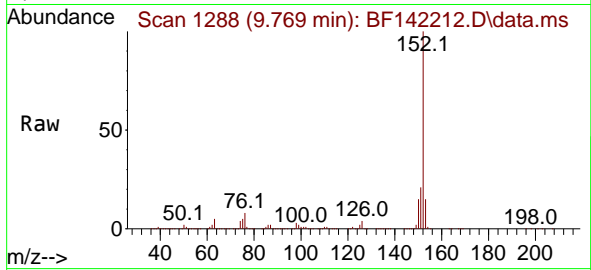
Ion	Ratio	Lower	Upper
65	100		
92	74.9	61.4	92.0
138	128.0	105.8	158.6



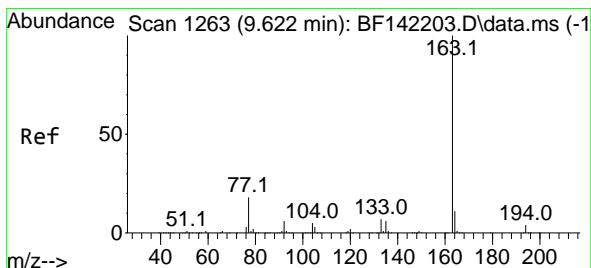
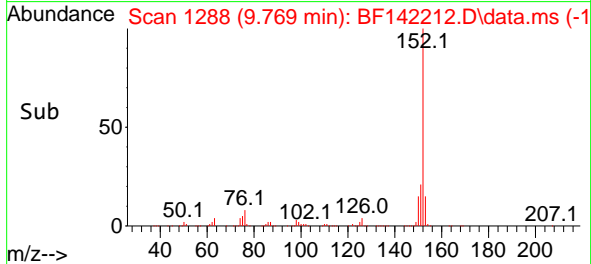
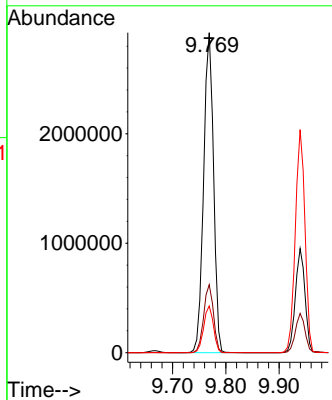


#49  
 Acenaphthylene  
 Concen: 49.512 ng  
 RT: 9.769 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

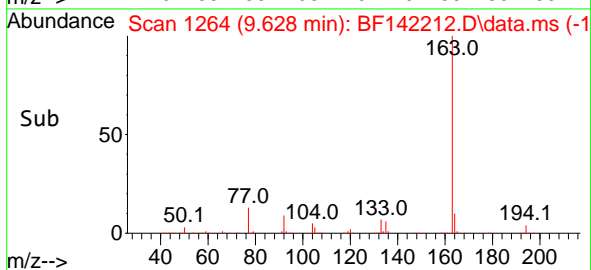
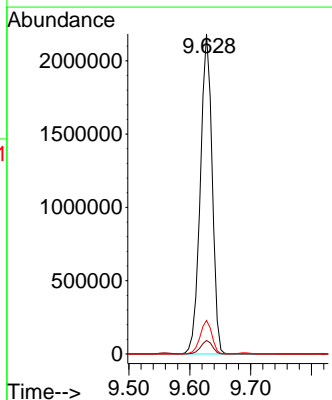
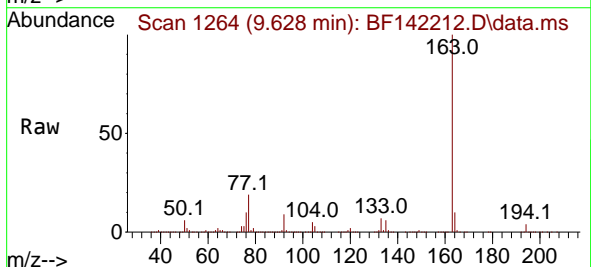


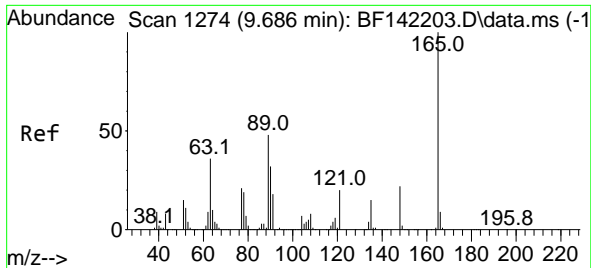
Tgt Ion:152 Resp: 3766987  
 Ion Ratio Lower Upper  
 152 100  
 151 21.2 16.9 25.3  
 153 14.6 11.6 17.4



#50  
 Dimethylphthalate  
 Concen: 47.542 ng  
 RT: 9.628 min Scan# 1264  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:163 Resp: 2947852  
 Ion Ratio Lower Upper  
 163 100  
 194 4.2 3.4 5.0  
 164 10.5 8.6 12.8



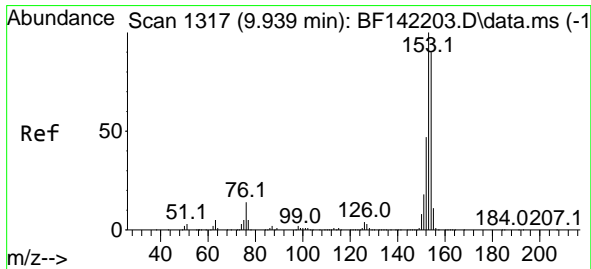
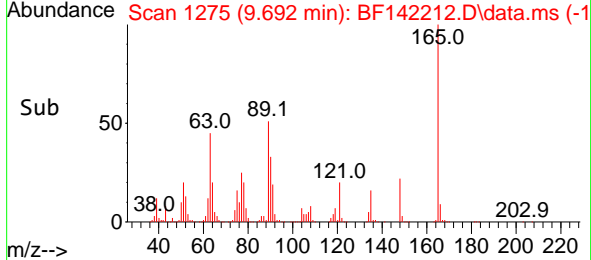
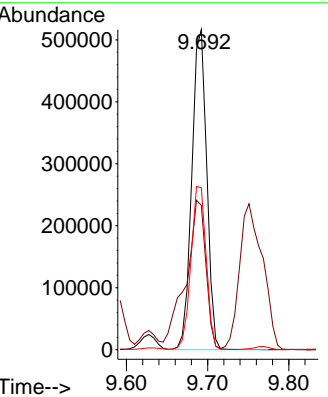
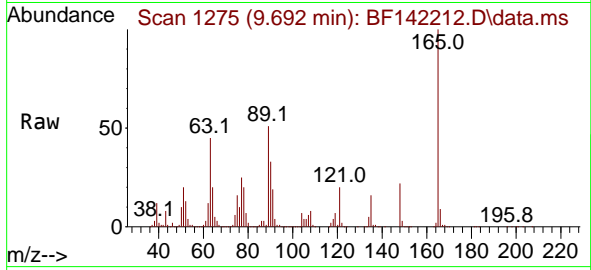


#51  
 2,6-Dinitrotoluene  
 Concen: 47.192 ng  
 RT: 9.692 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:165 Resp: 656963

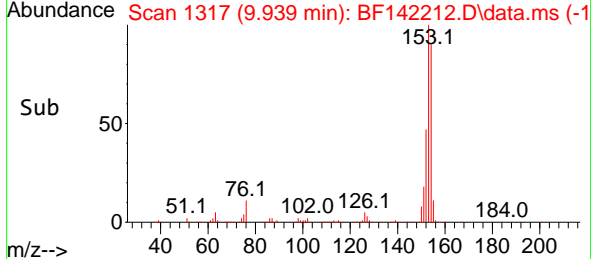
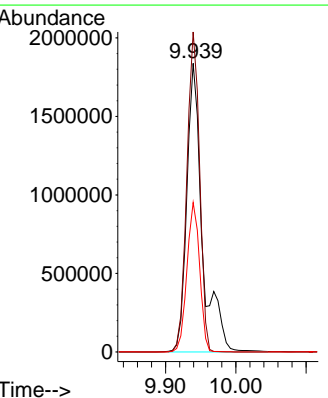
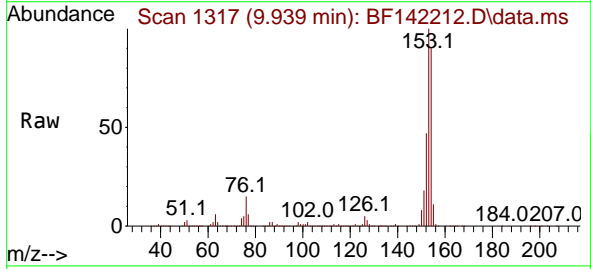
Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.4	53.2
89	50.6	38.6	58.0

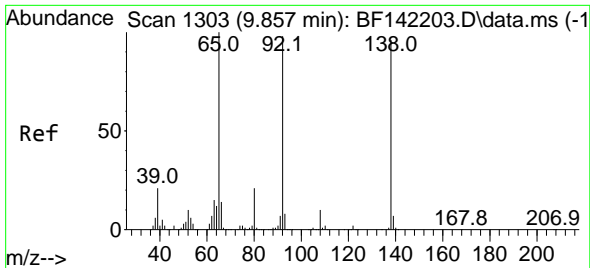


#52  
 Acenaphthene  
 Concen: 51.541 ng m  
 RT: 9.939 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:154 Resp: 2825820

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.0	133.4
152	51.8	41.8	62.8

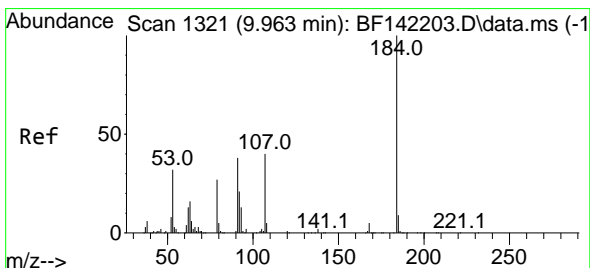
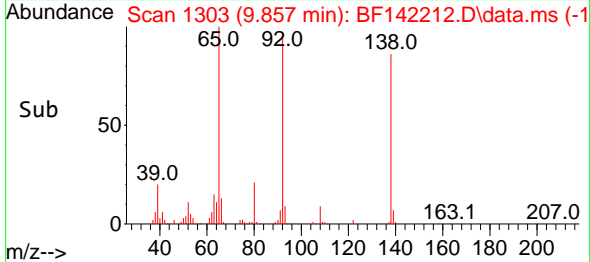
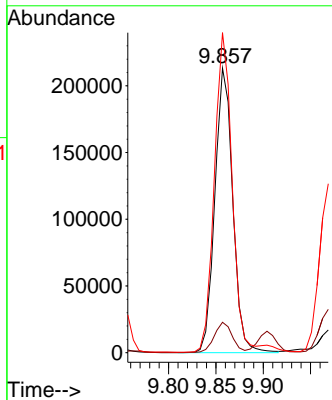
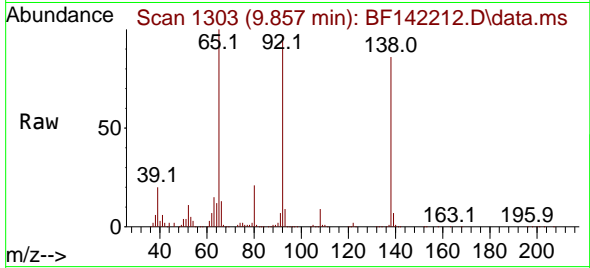




#53  
 3-Nitroaniline  
 Concen: 21.045 ng  
 RT: 9.857 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

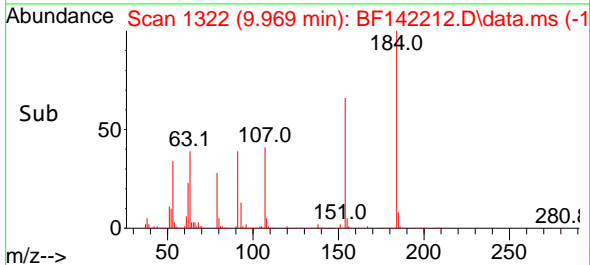
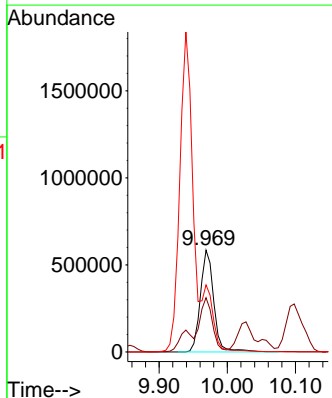
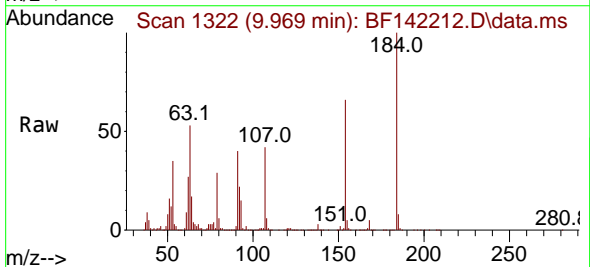
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

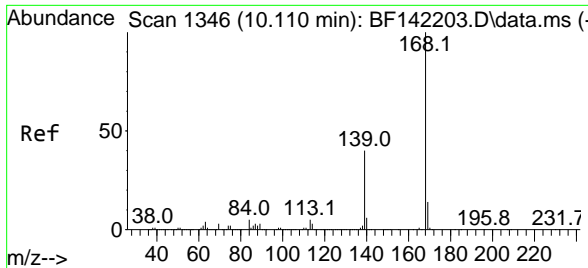
Tgt Ion:138 Resp: 280708  
 Ion Ratio Lower Upper  
 138 100  
 108 10.7 8.5 12.7  
 92 112.5 81.8 122.8



#54  
 2,4-Dinitrophenol  
 Concen: 117.147 ng  
 RT: 9.969 min Scan# 1322  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:184 Resp: 798731  
 Ion Ratio Lower Upper  
 184 100  
 63 53.3 39.0 58.4  
 154 65.9 52.2 78.4



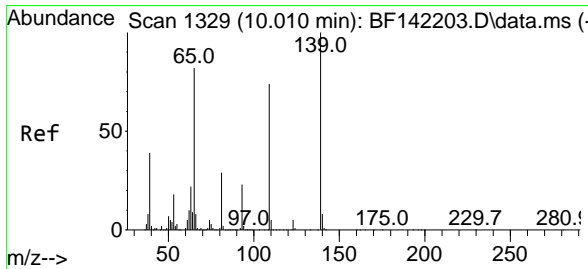
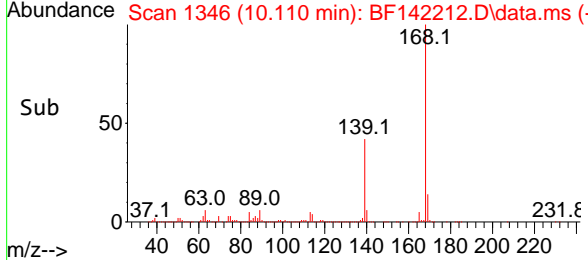
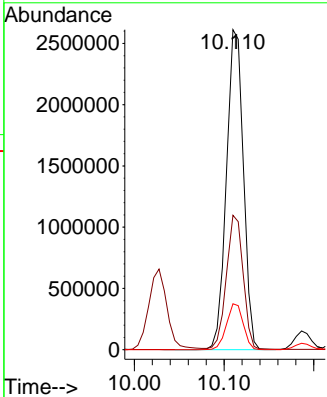
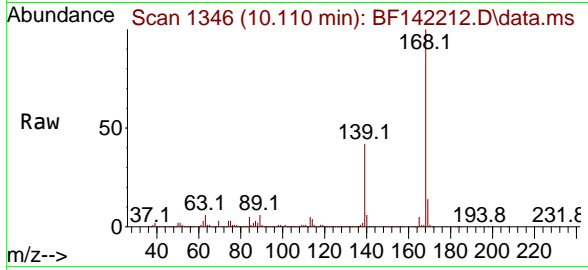


#55  
 Dibenzenofuran  
 Concen: 44.607 ng  
 RT: 10.110 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 Client Sample Id : PB167672BSD

Tgt Ion:168 Resp: 3428638

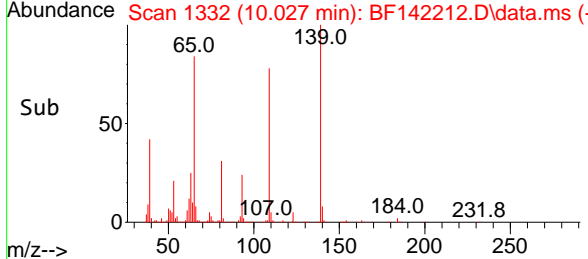
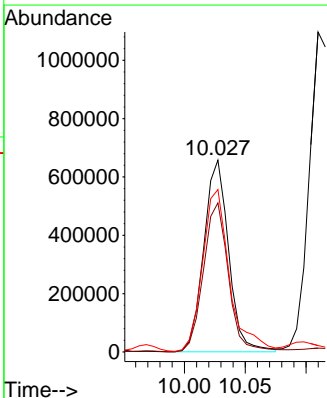
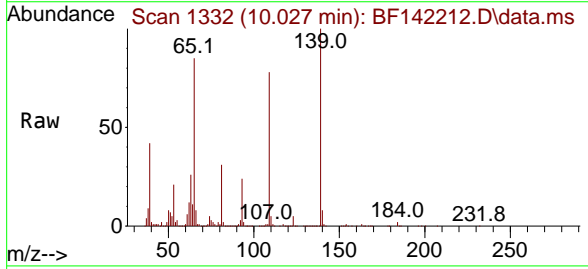
Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.3	48.5
169	14.3	11.4	17.0

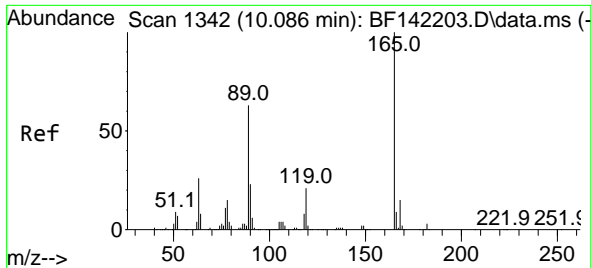


#56  
 4-Nitrophenol  
 Concen: 95.841 ng  
 RT: 10.027 min Scan# 1332  
 Delta R.T. 0.017 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:139 Resp: 935141

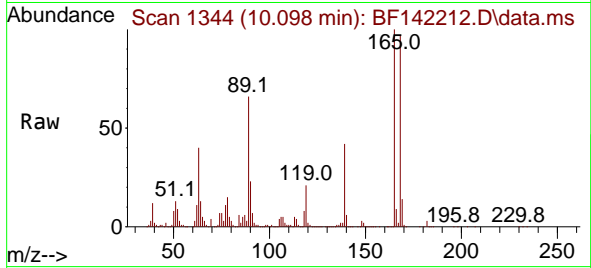
Ion	Ratio	Lower	Upper
139	100		
109	77.7	54.1	94.1
65	84.6	62.1	102.1





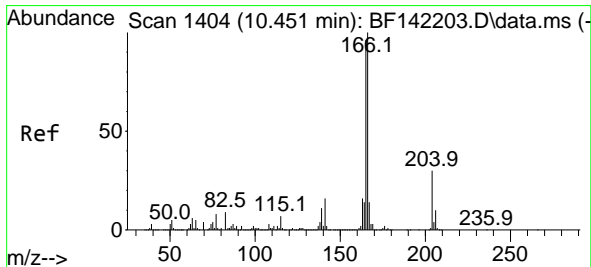
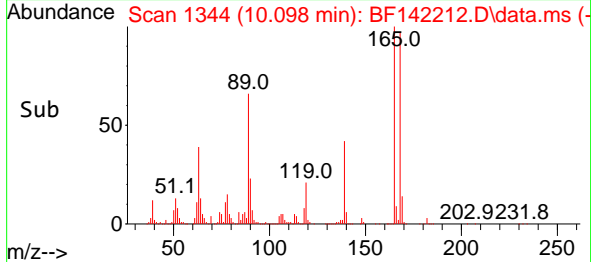
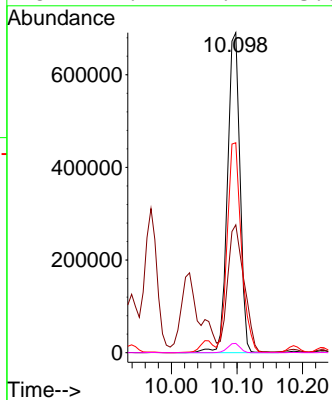
#57  
 2,4-Dinitrotoluene  
 Concen: 50.661 ng  
 RT: 10.098 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



Tgt Ion:165 Resp: 910889

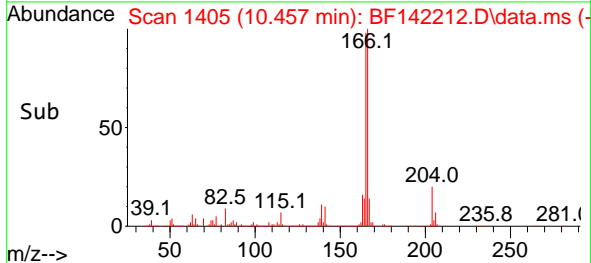
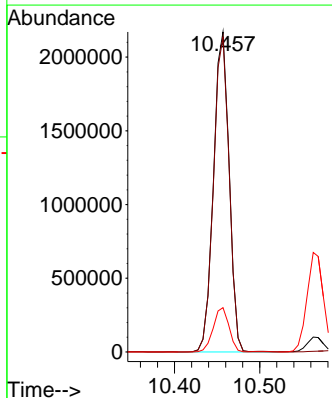
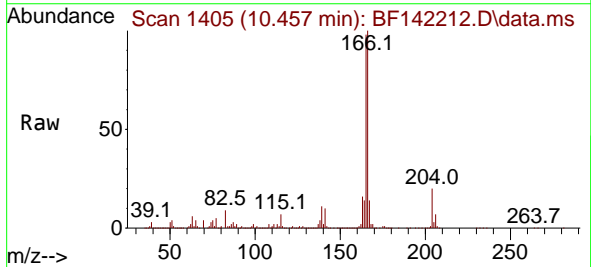
Ion	Ratio	Lower	Upper
165	100		
63	39.9	29.0	43.6
89	65.6	50.1	75.1
182	2.9	2.4	3.6



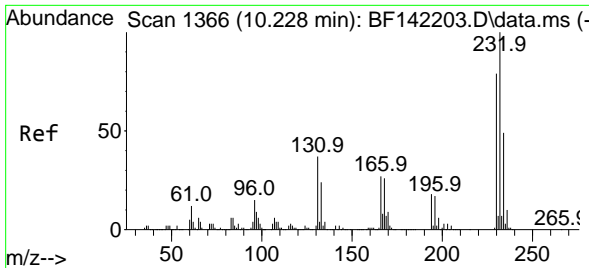
#58  
 Fluorene  
 Concen: 46.411 ng  
 RT: 10.457 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:166 Resp: 2759497

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	13.9	11.0	16.4

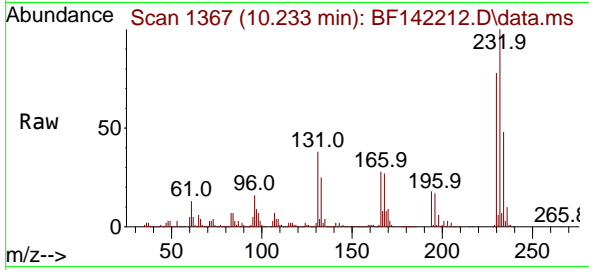






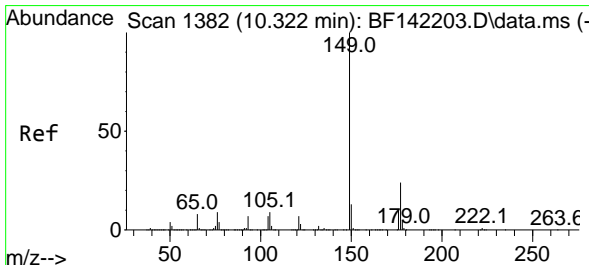
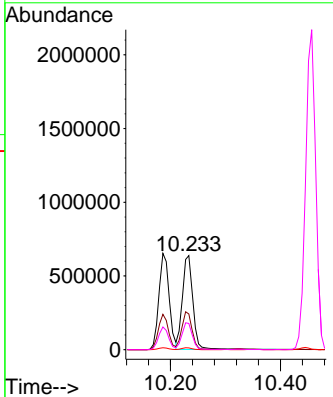
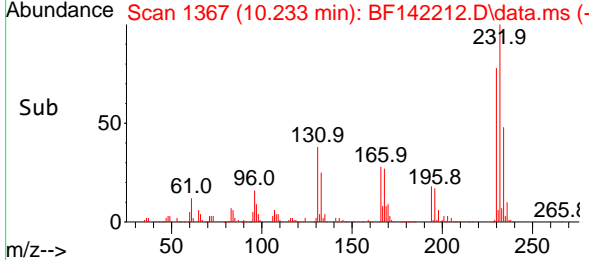
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.654 ng  
 RT: 10.233 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

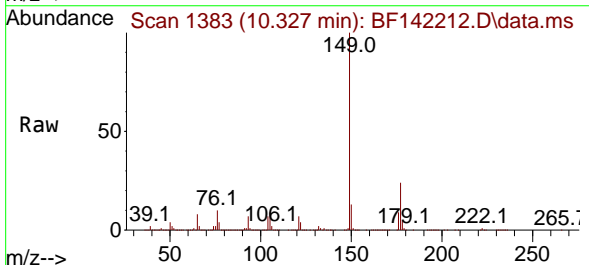


Tgt Ion: 232 Resp: 843628

Ion	Ratio	Lower	Upper
232	100		
131	39.4	31.9	47.9
130	2.0	1.6	2.4
166	27.9	21.9	32.9

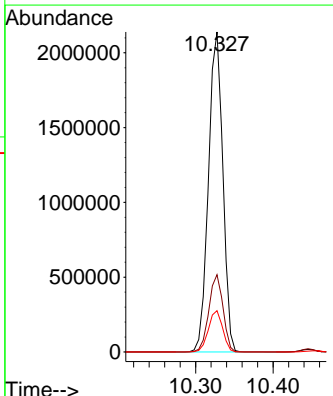
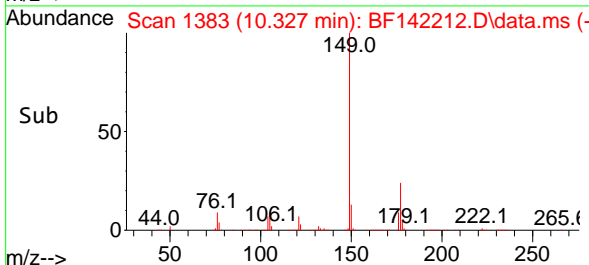


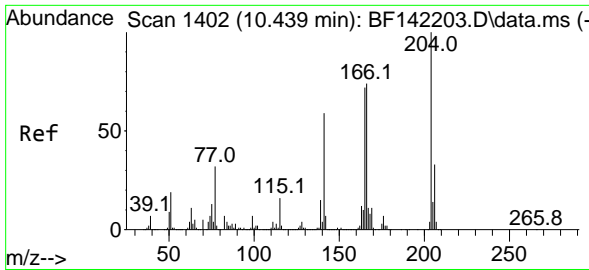
#60  
 Diethylphthalate  
 Concen: 47.510 ng  
 RT: 10.327 min Scan# 1383  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion: 149 Resp: 2750816

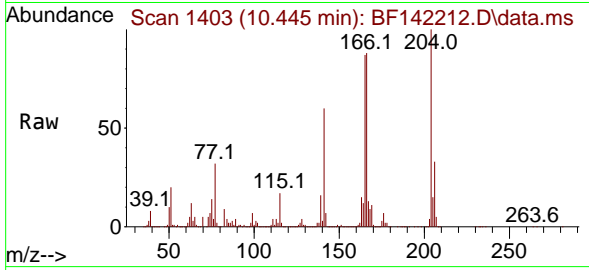
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.6	29.4
150	12.9	10.6	15.8



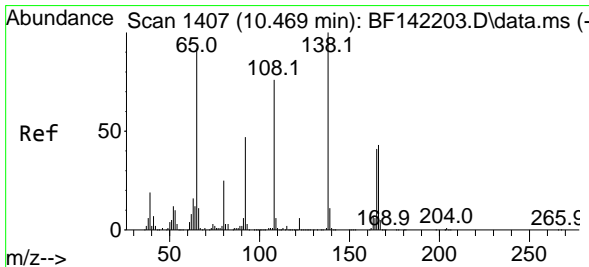
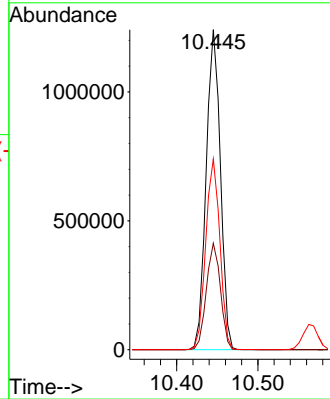
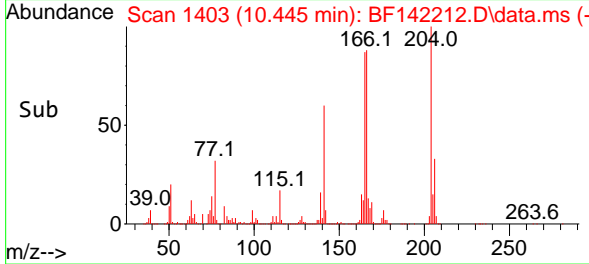


#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.912 ng  
 RT: 10.445 min Scan# 1403  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

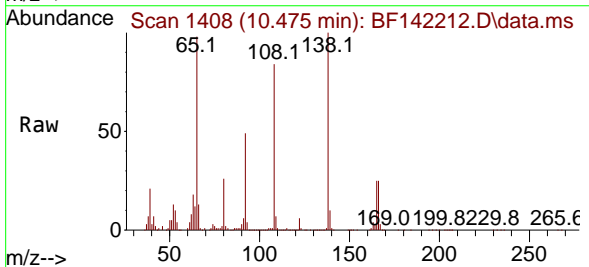
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



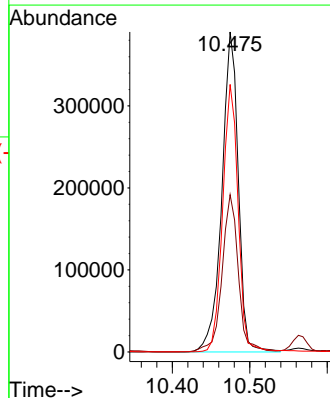
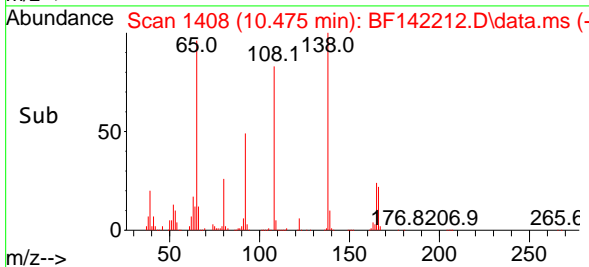
Tgt Ion:204 Resp: 1503086  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 26.5 39.7  
 141 59.5 47.0 70.6

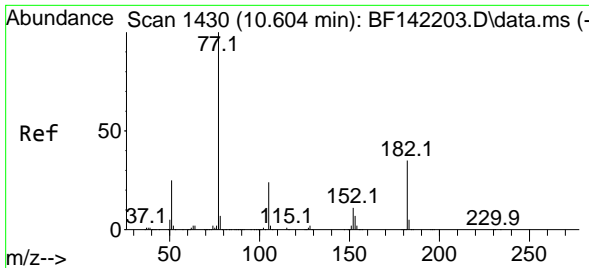


#62  
 4-Nitroaniline  
 Concen: 45.336 ng  
 RT: 10.475 min Scan# 1408  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:138 Resp: 574789  
 Ion Ratio Lower Upper  
 138 100  
 92 49.1 26.7 66.7  
 108 83.6 56.5 96.5



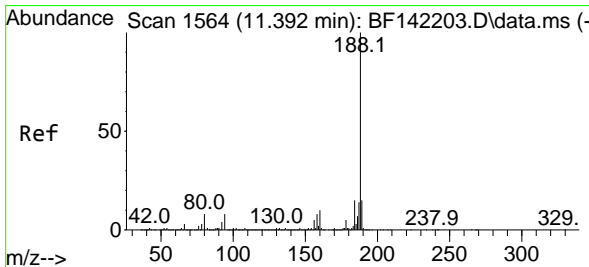
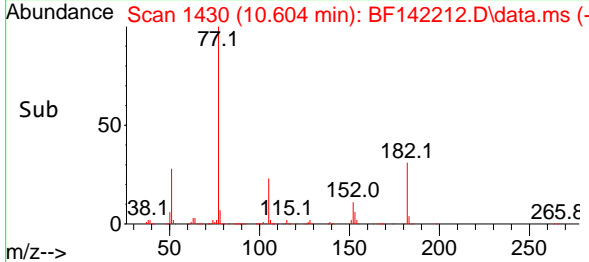
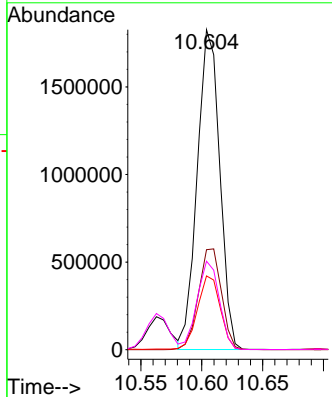
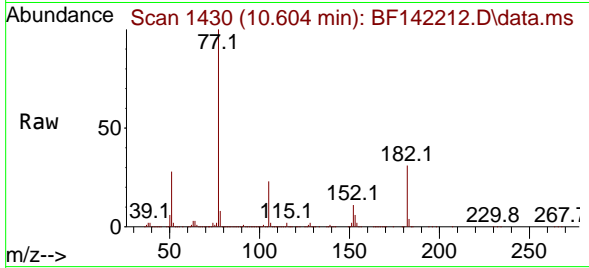


#63  
 Azobenzene  
 Concen: 46.423 ng  
 RT: 10.604 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 Client Sample Id : PB167672BSD

Tgt Ion: 77 Resp: 2340482

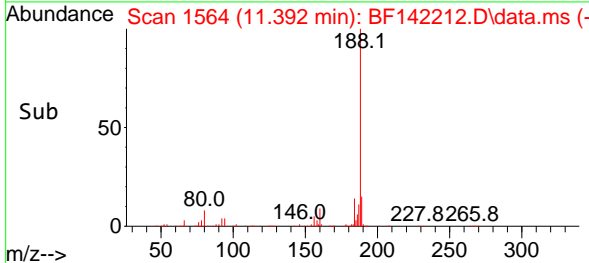
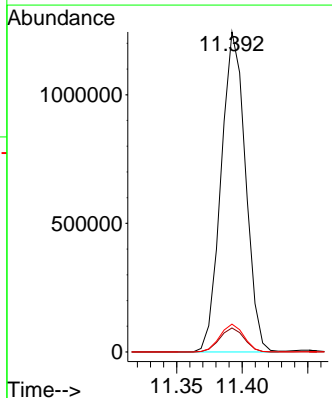
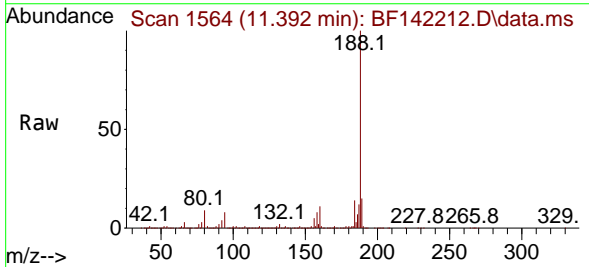
Ion	Ratio	Lower	Upper
77	100		
182	31.2	14.8	54.8
105	23.0	4.0	44.0
51	27.7	5.8	45.8

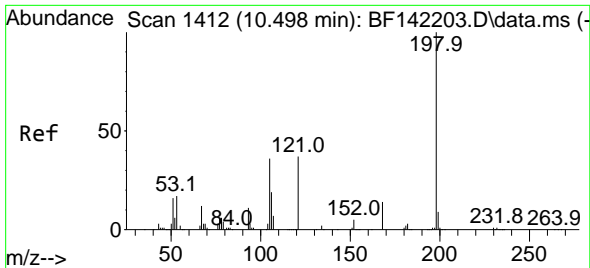


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.392 min Scan# 1564  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion: 188 Resp: 1611136

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.7	6.7	10.1

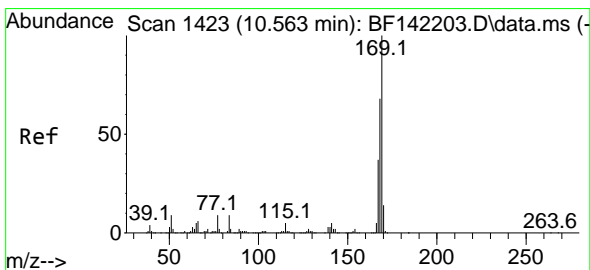
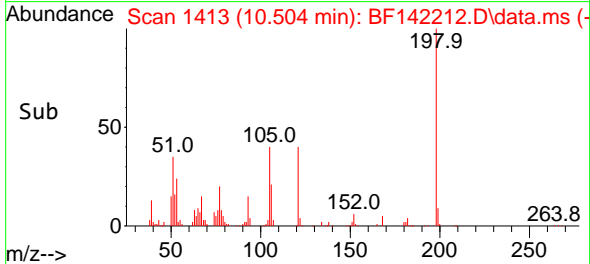
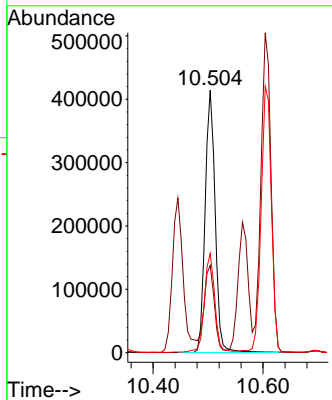
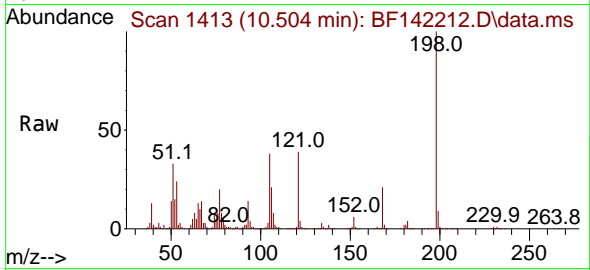




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 55.684 ng  
 RT: 10.504 min Scan# 1412  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

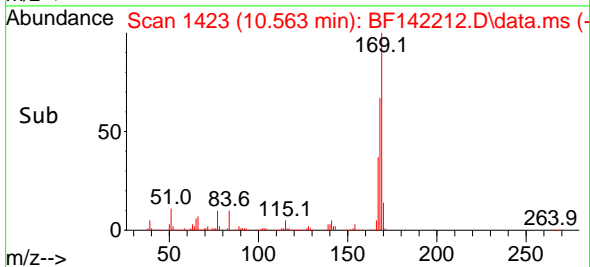
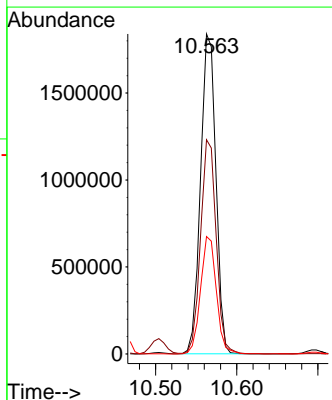
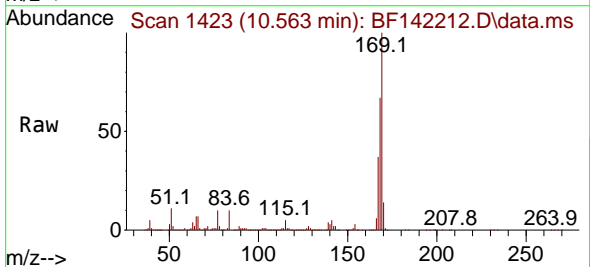
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

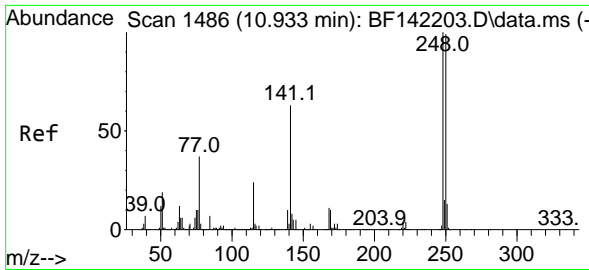
Tgt Ion:198 Resp: 523681  
 Ion Ratio Lower Upper  
 198 100  
 51 33.2 10.2 50.2  
 105 37.8 17.0 57.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 48.776 ng  
 RT: 10.563 min Scan# 1423  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

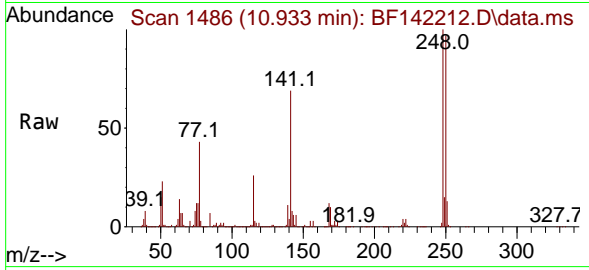
Tgt Ion:169 Resp: 2408498  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 54.2 81.2  
 167 36.7 29.4 44.2



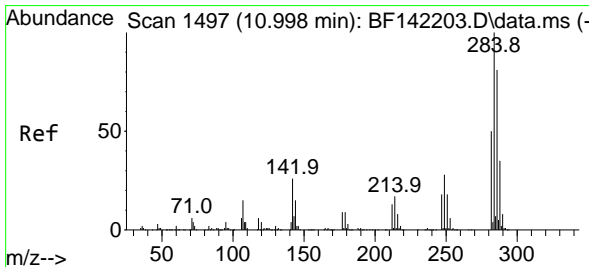
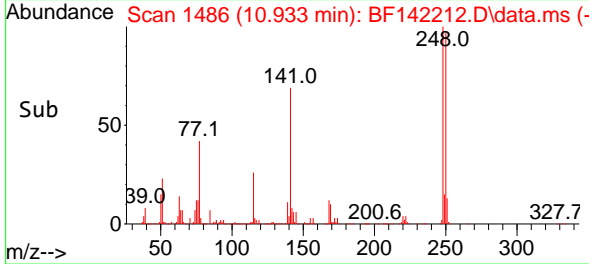
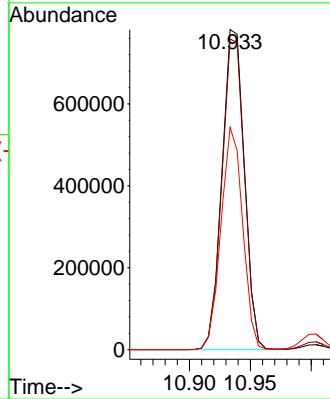


#67  
 4-Bromophenyl-phenylether  
 Concen: 47.389 ng  
 RT: 10.933 min Scan# 1486  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

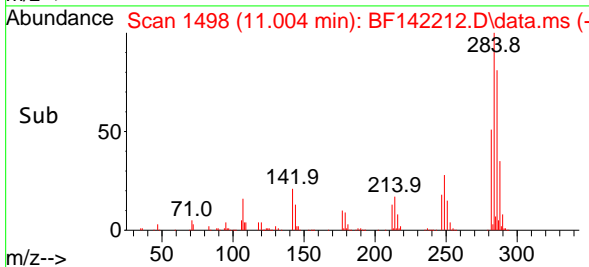
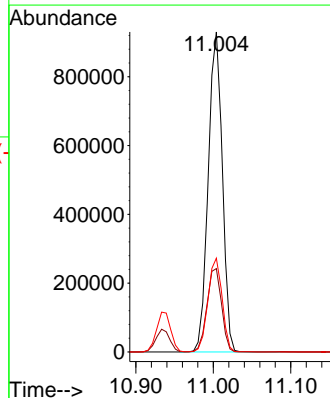
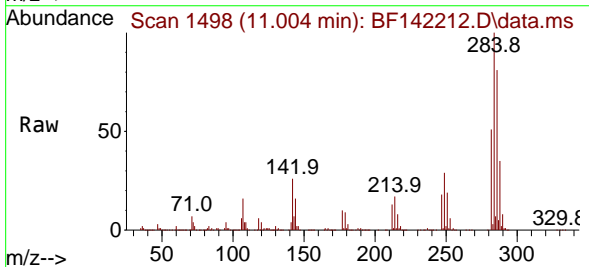


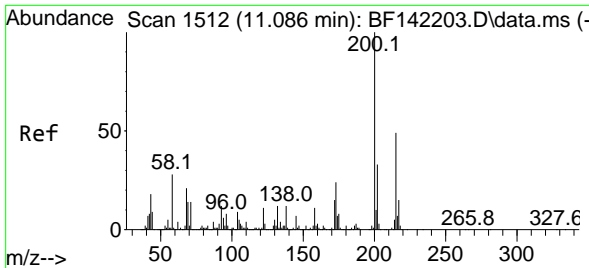
Tgt Ion:248 Resp: 1004102  
 Ion Ratio Lower Upper  
 248 100  
 250 97.1 78.8 118.2  
 141 69.5 50.6 75.8



#68  
 Hexachlorobenzene  
 Concen: 46.635 ng  
 RT: 11.004 min Scan# 1498  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

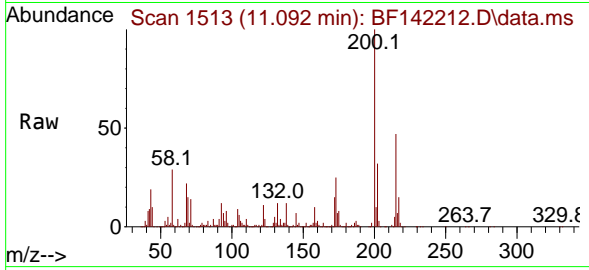
Tgt Ion:284 Resp: 1175895  
 Ion Ratio Lower Upper  
 284 100  
 142 26.1 20.7 31.1  
 249 29.3 22.8 34.2



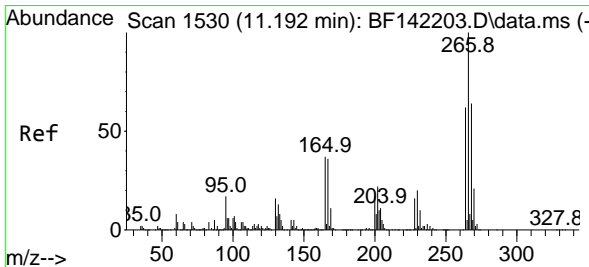
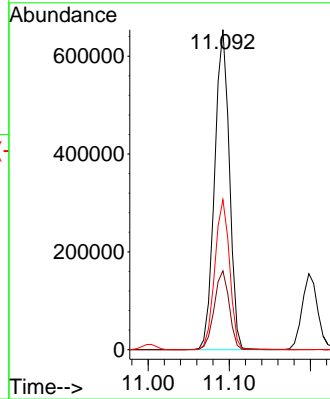
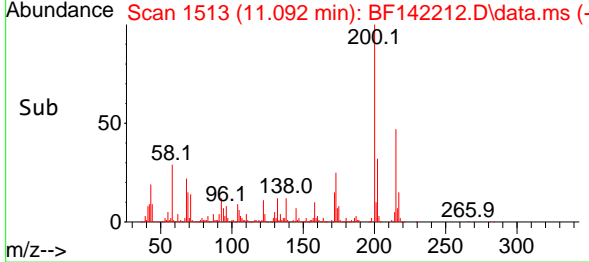


#69  
 Atrazine  
 Concen: 68.721 ng  
 RT: 11.092 min Scan# 1513  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

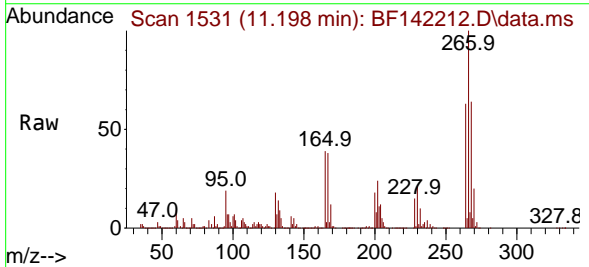
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD



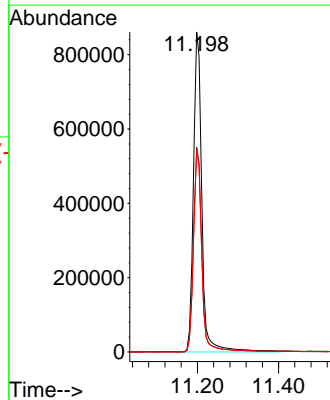
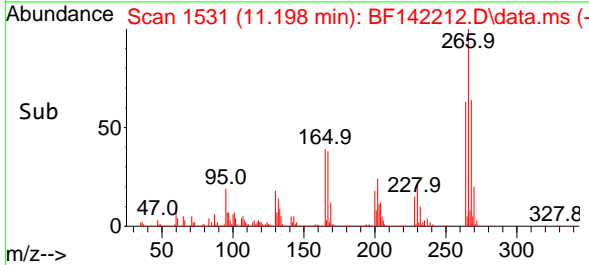
Tgt Ion:200 Resp: 828105  
 Ion Ratio Lower Upper  
 200 100  
 173 24.7 4.4 44.4  
 215 46.9 28.6 68.6

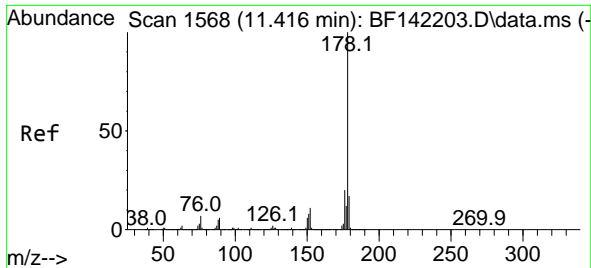


#70  
 Pentachlorophenol  
 Concen: 96.413 ng  
 RT: 11.198 min Scan# 1531  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:266 Resp: 1240177  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 50.9 76.3  
 264 62.9 49.4 74.2



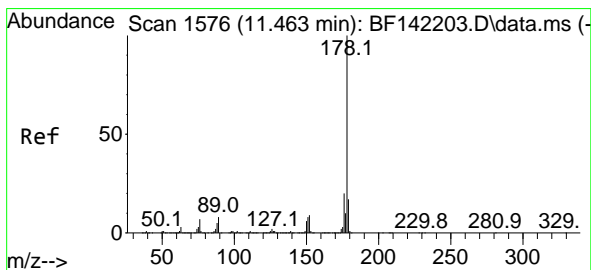
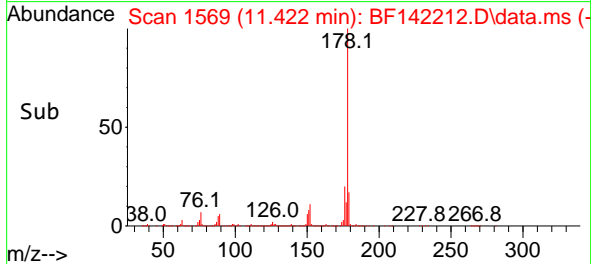
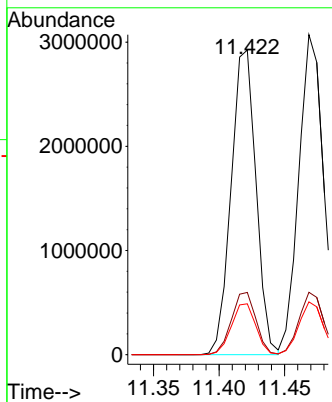
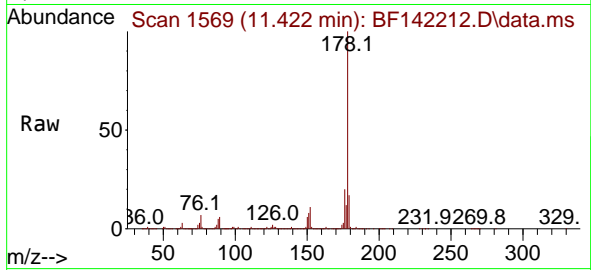


#71  
 Phenanthrene  
 Concen: 48.366 ng  
 RT: 11.422 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:178 Resp: 3869590

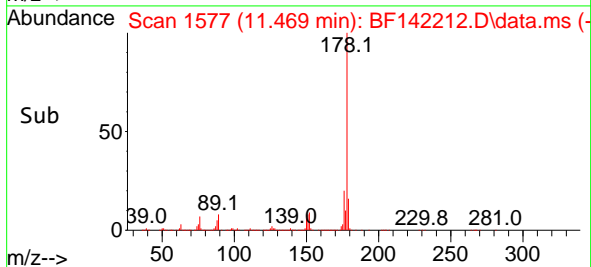
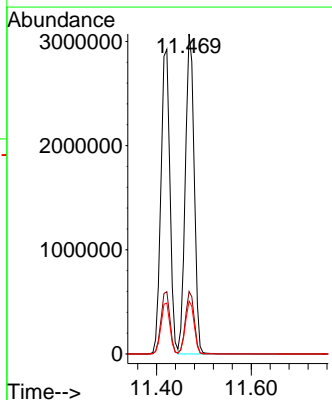
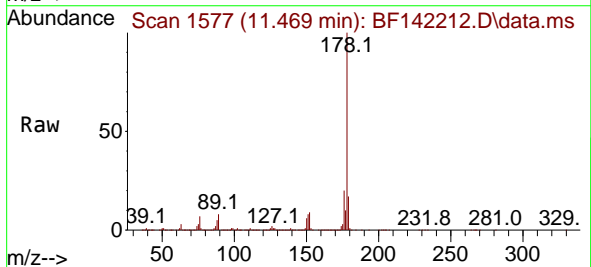
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.3	24.5
179	16.7	13.3	19.9

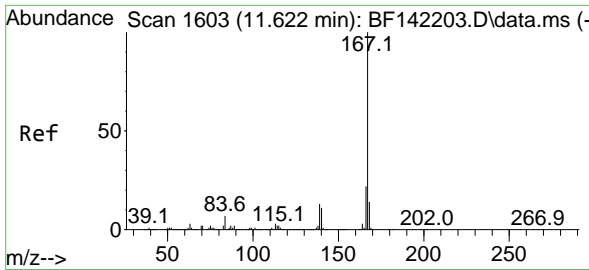


#72  
 Anthracene  
 Concen: 49.798 ng  
 RT: 11.469 min Scan# 1577  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:178 Resp: 3983737

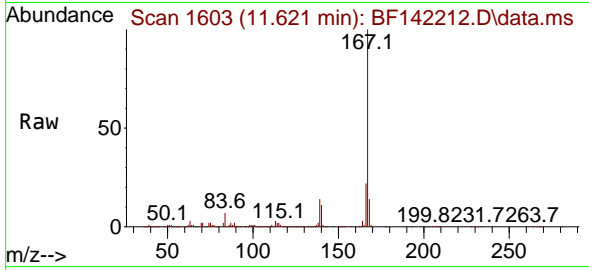
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.5	13.4	20.0



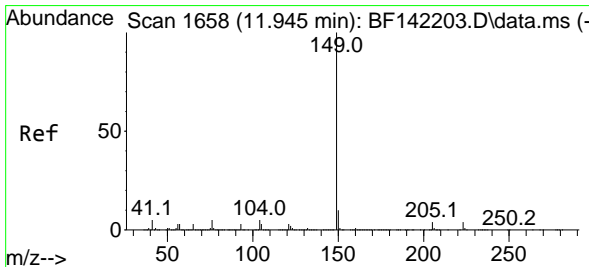
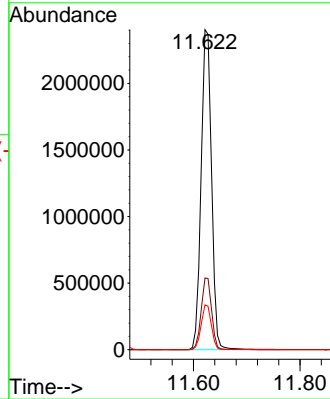
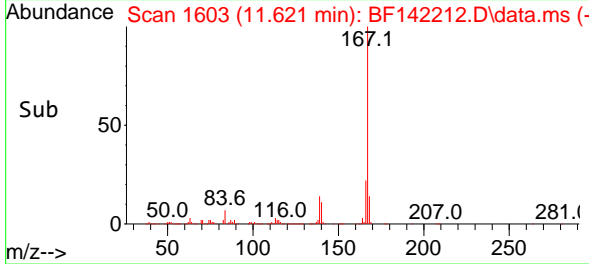


#73  
 Carbazole  
 Concen: 46.685 ng  
 RT: 11.621 min Scan# 1603  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

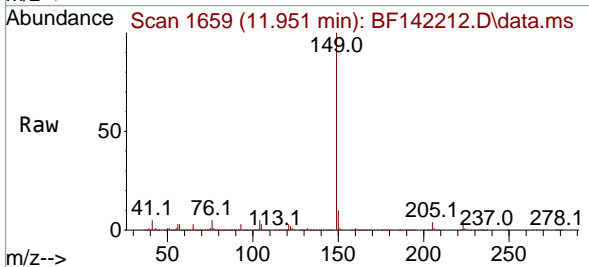
Instrument : BNA\_F  
 ClientSampleId : PB167672BSD



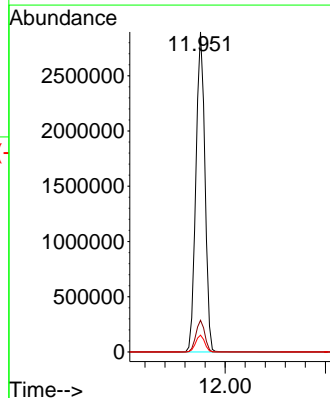
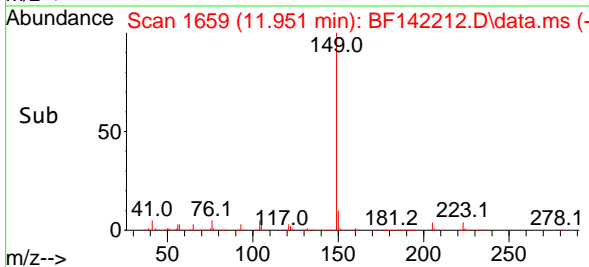
Tgt Ion:167 Resp: 3262787  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.4 26.2  
 139 14.0 10.7 16.1



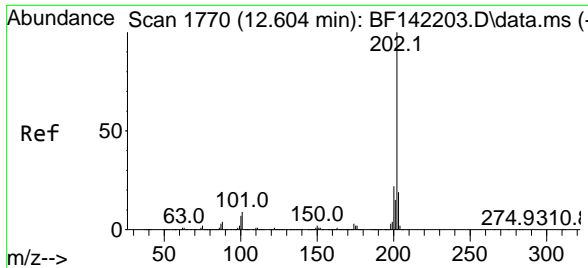
#74  
 Di-n-butylphthalate  
 Concen: 49.778 ng  
 RT: 11.951 min Scan# 1659  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion:149 Resp: 3600759  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.9 11.9  
 104 5.3 4.0 6.0

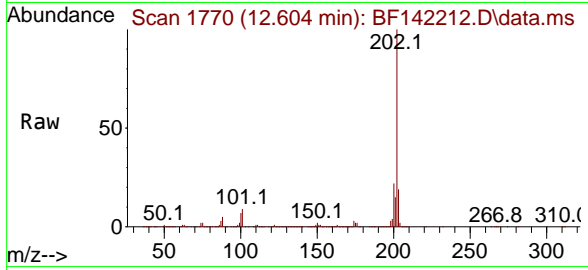






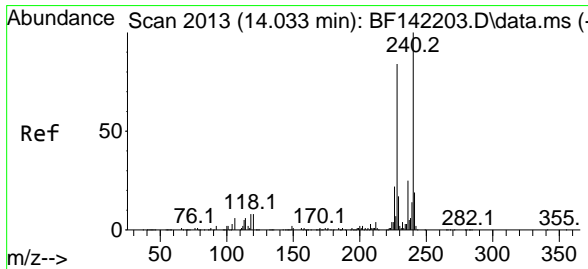
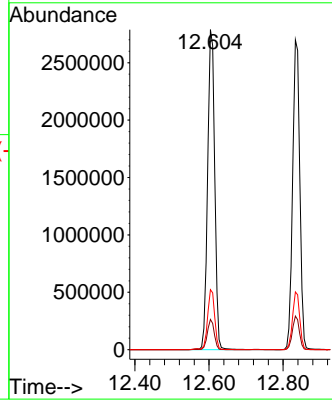
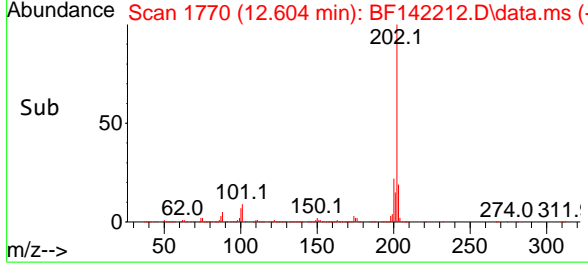
#75  
 Fluoranthene  
 Concen: 44.510 ng  
 RT: 12.604 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

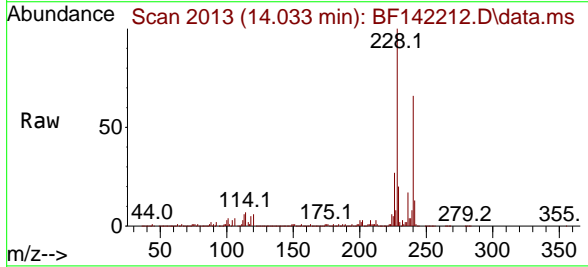


Tgt Ion: 202 Resp: 3701689

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.9
203	18.8	0.0	38.6

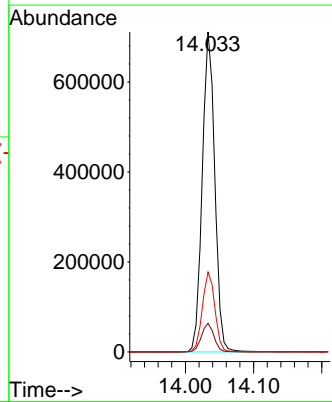
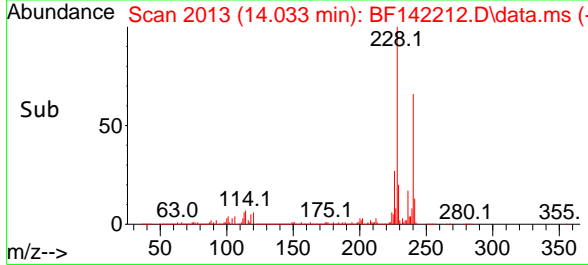


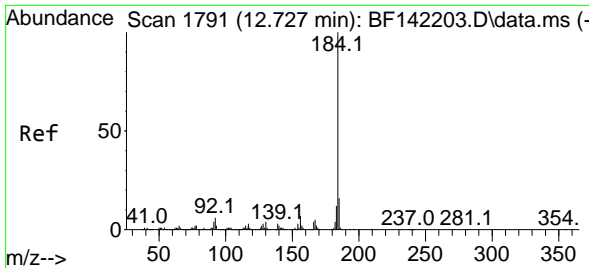
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.033 min Scan# 2013  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13



Tgt Ion: 240 Resp: 909574

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	25.0	20.2	30.2



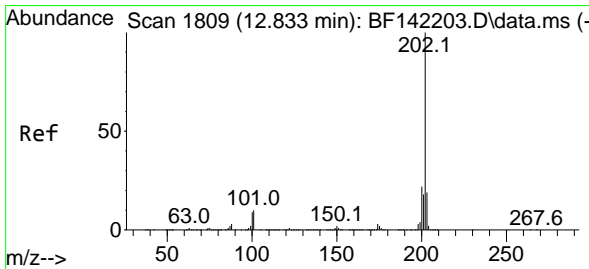
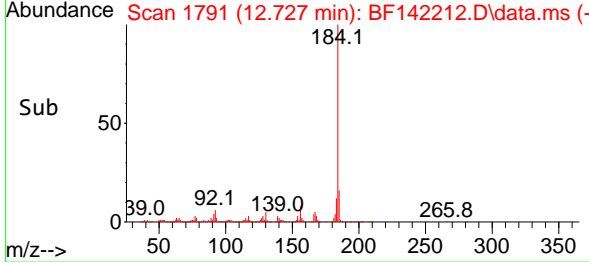
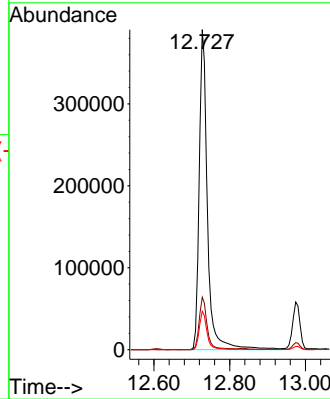
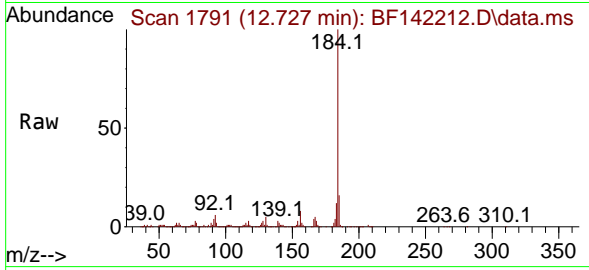


#77  
 Benzidine  
 Concen: 50.686 ng  
 RT: 12.727 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:184 Resp: 594934

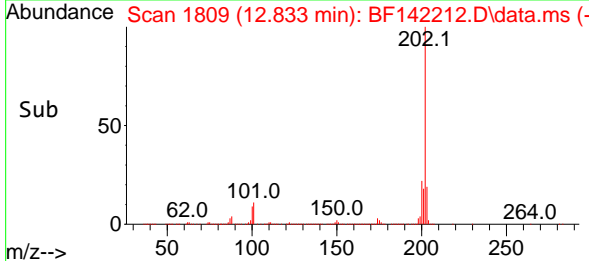
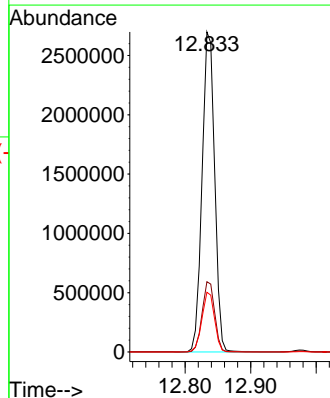
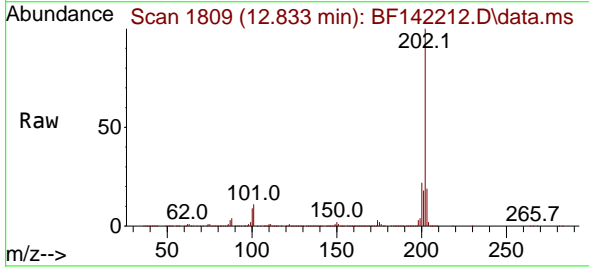
Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.0	19.6
183	12.0	9.6	14.4

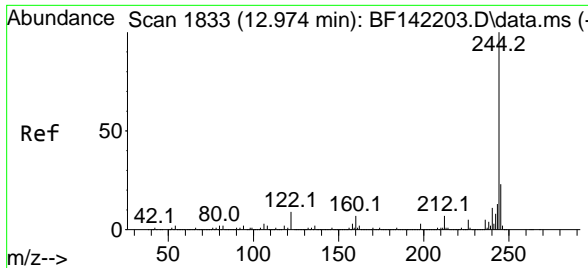


#78  
 Pyrene  
 Concen: 49.951 ng  
 RT: 12.833 min Scan# 1809  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:202 Resp: 3608456

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.7	14.8	22.2



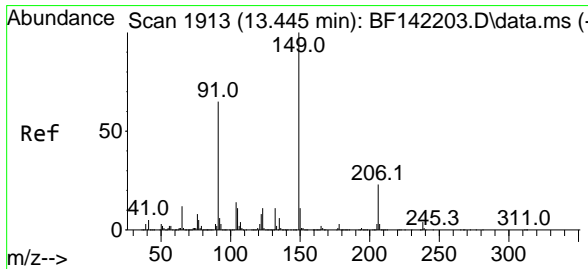
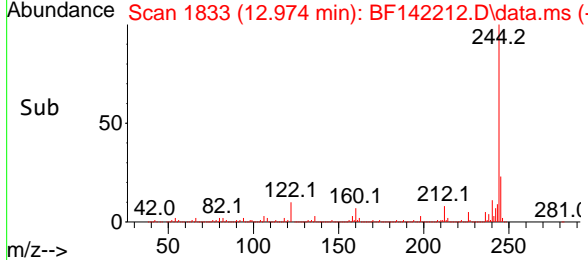
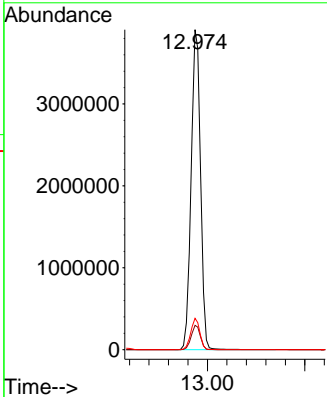
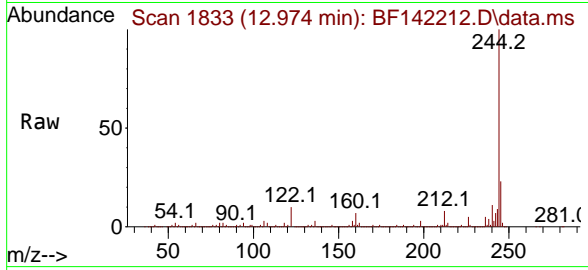


#79  
 Terphenyl-d14  
 Concen: 96.756 ng  
 RT: 12.974 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

Tgt Ion:244 Resp: 5253181

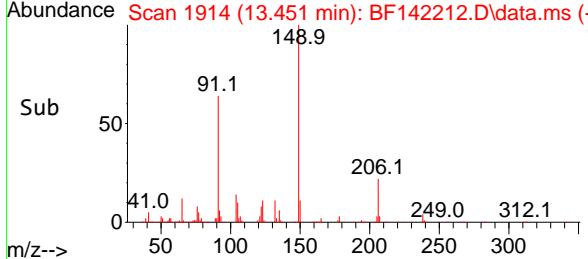
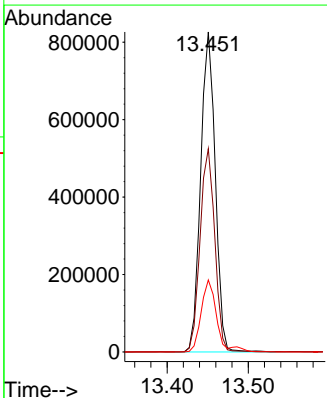
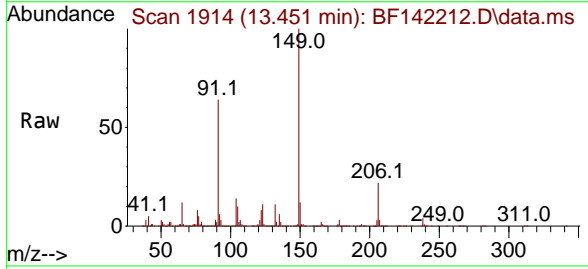
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.8	7.3	10.9

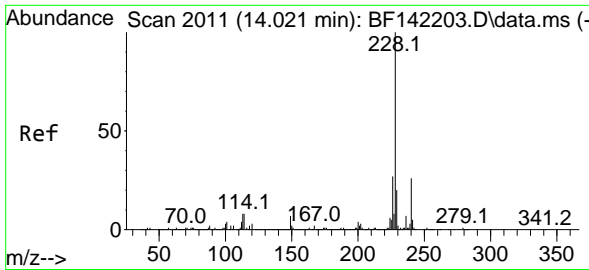


#80  
 Butylbenzylphthalate  
 Concen: 58.960 ng  
 RT: 13.451 min Scan# 1914  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:149 Resp: 1030935

Ion	Ratio	Lower	Upper
149	100		
91	63.5	51.8	77.8
206	22.5	18.2	27.4



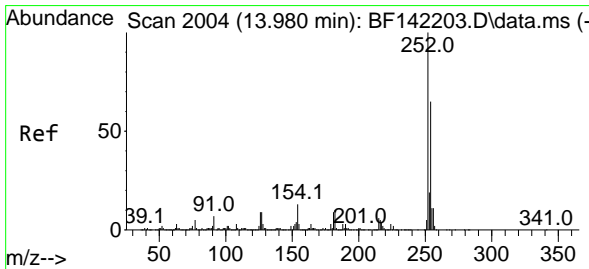
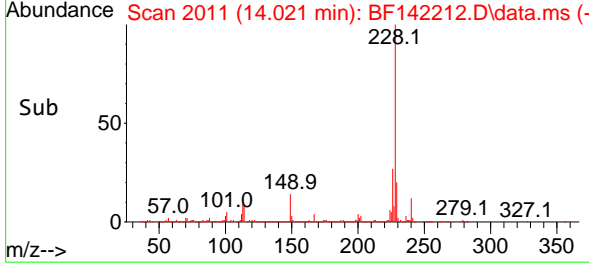
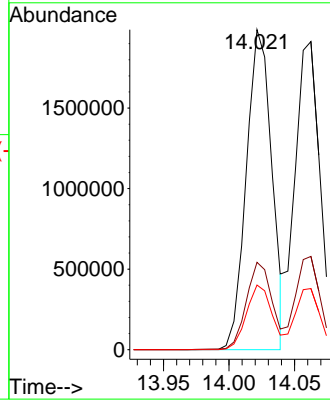
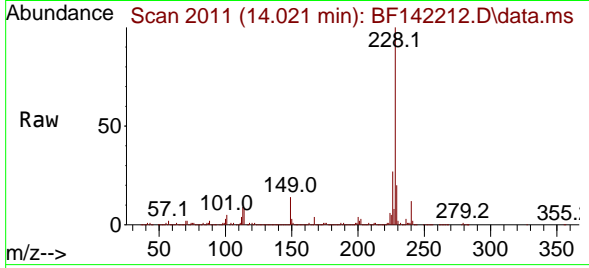


#81  
 Benzo(a)anthracene  
 Concen: 48.770 ng  
 RT: 14.021 min Scan# 2005  
 Delta R.T. -0.000 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

Tgt Ion:228 Resp: 2686778

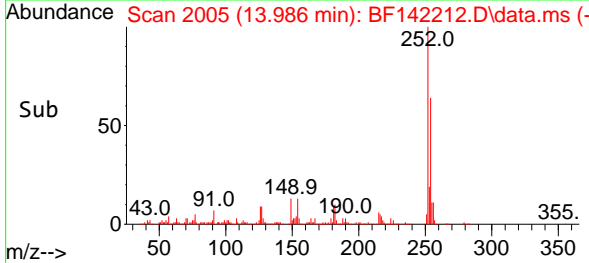
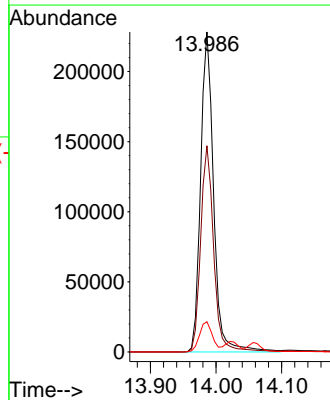
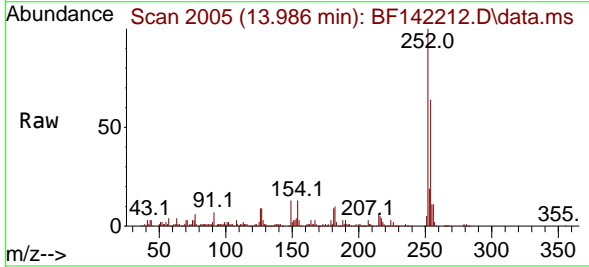
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.2	16.0	24.0

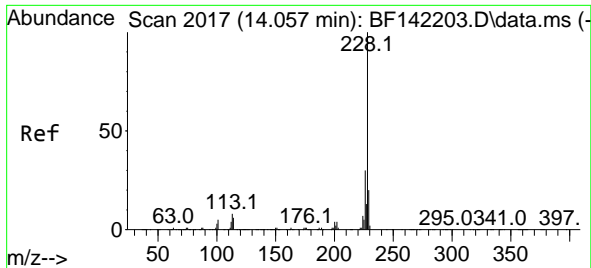


#82  
 3,3'-Dichlorobenzidine  
 Concen: 19.224 ng  
 RT: 13.986 min Scan# 2005  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:252 Resp: 315378

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	9.4	7.4	11.0

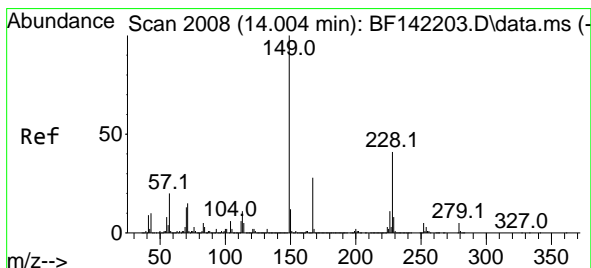
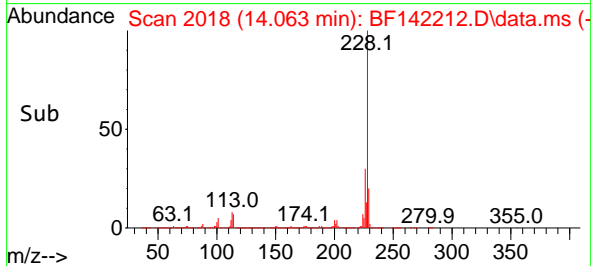
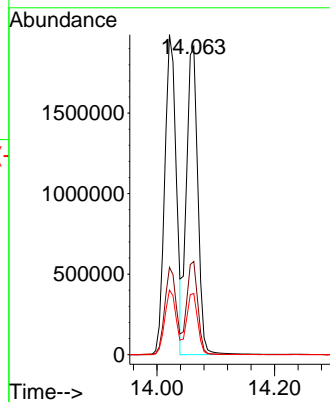
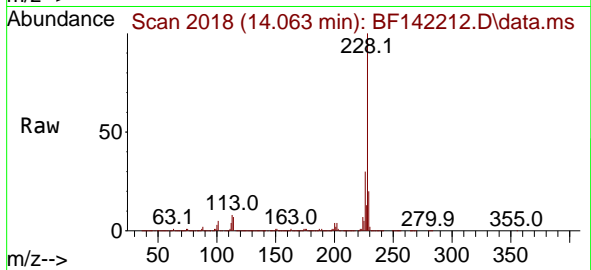




#83  
 Chrysene  
 Concen: 48.343 ng  
 RT: 14.063 min Scan# 2008  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

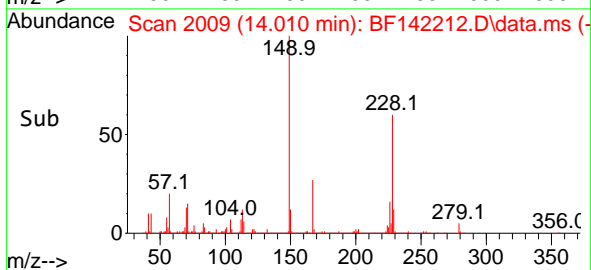
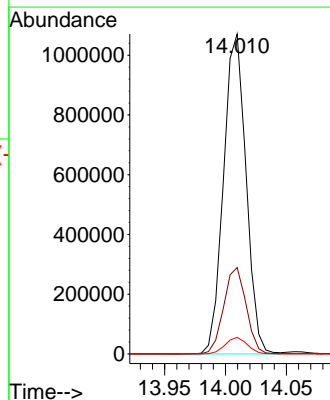
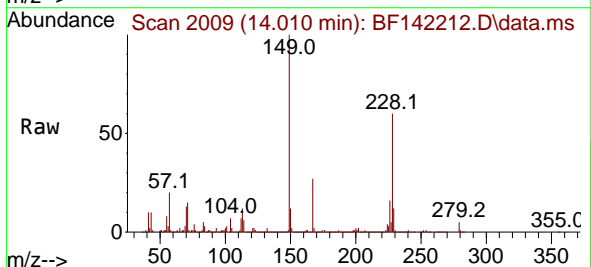
Instrument : BNA\_F  
 ClientSampleId : PB167672BSD

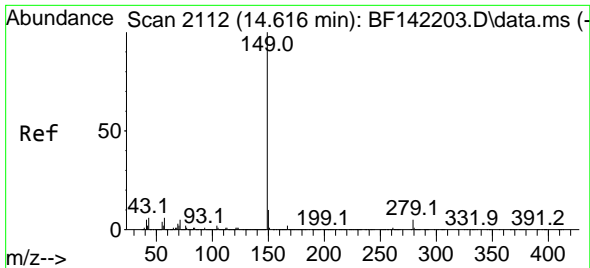
Tgt Ion:228 Resp: 2566006  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 23.9 35.9  
 229 19.8 16.2 24.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 58.953 ng  
 RT: 14.010 min Scan# 2009  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

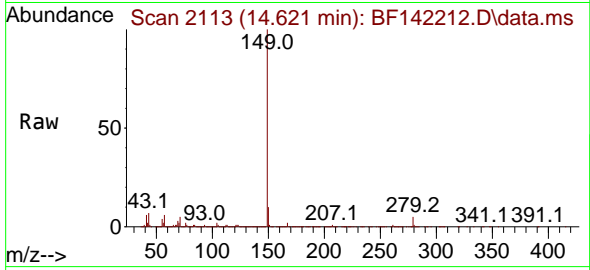
Tgt Ion:149 Resp: 1379037  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.2 33.4  
 279 5.2 4.2 6.2



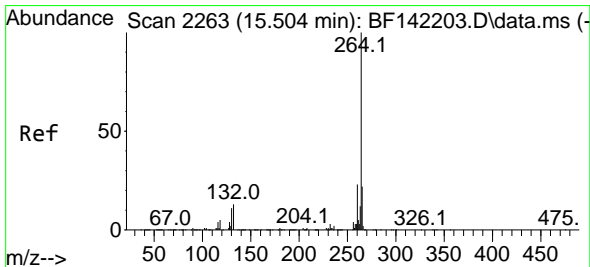
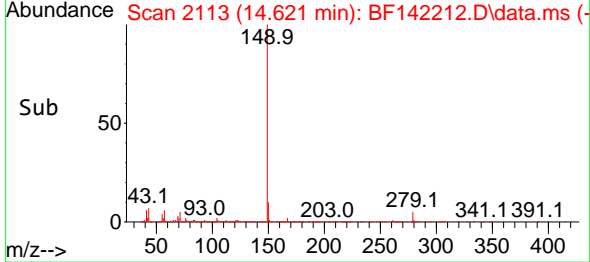
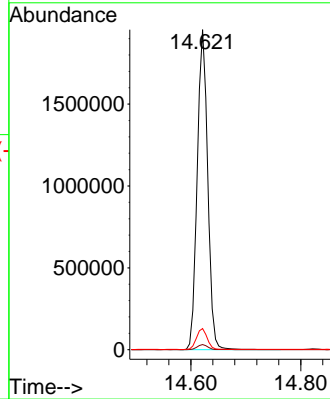


#85  
 Di-n-octyl phthalate  
 Concen: 62.457 ng  
 RT: 14.621 min Scan# 2112  
 Delta R.T. 0.005 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

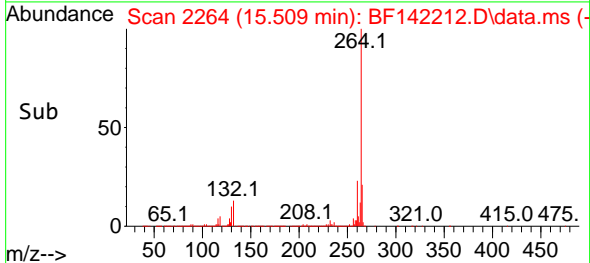
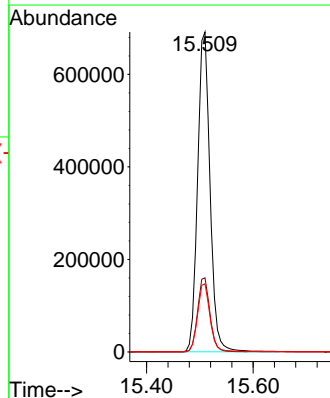
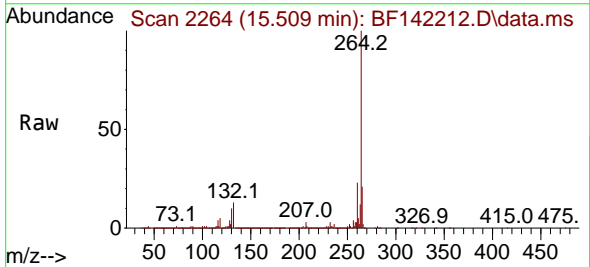


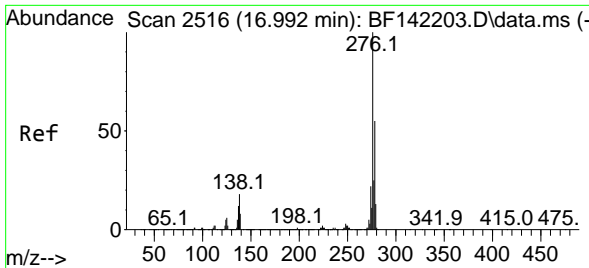
Tgt Ion:149 Resp: 2587646  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 6.7 5.3 7.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.509 min Scan# 2264  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:264 Resp: 1121405  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 27.8  
 265 21.3 16.9 25.3

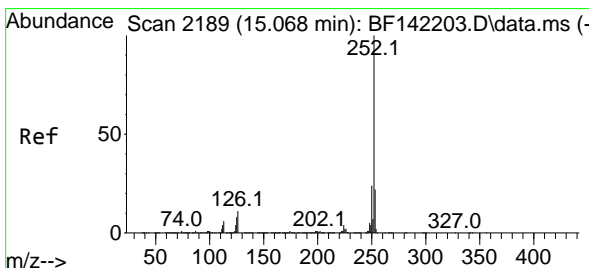
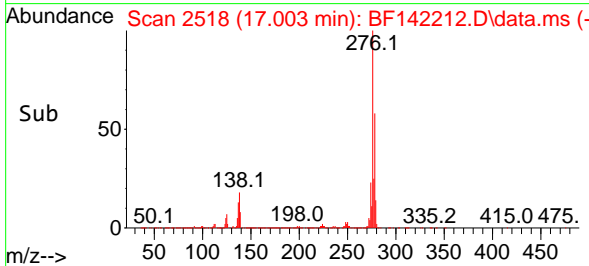
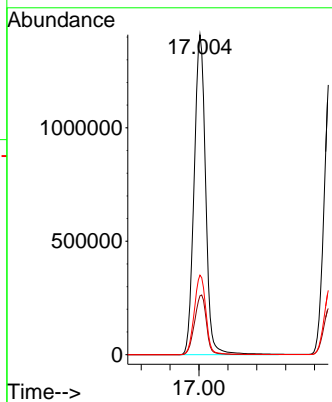
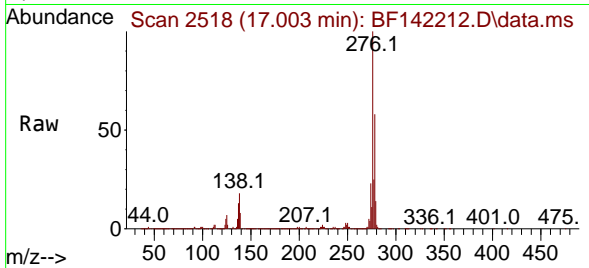




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.608 ng  
 RT: 17.003 min Scan# 2190  
 Delta R.T. 0.012 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

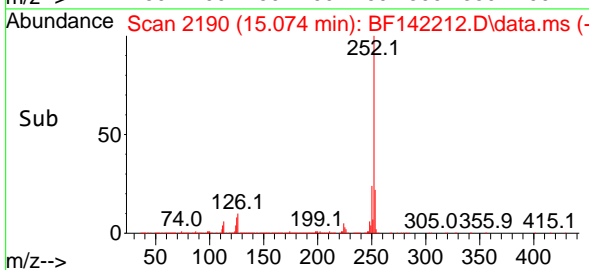
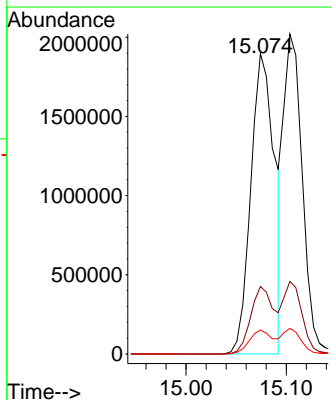
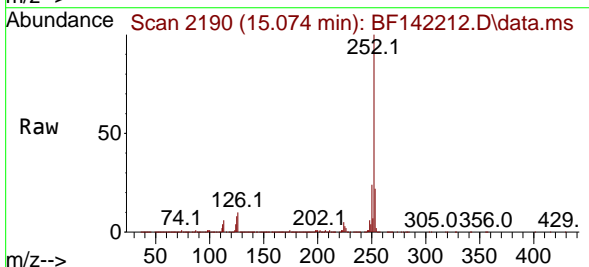
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

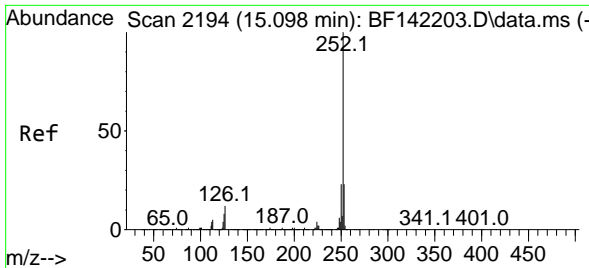
Tgt Ion:276 Resp: 3903112  
 Ion Ratio Lower Upper  
 276 100  
 138 19.3 15.1 22.7  
 277 25.2 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 49.453 ng  
 RT: 15.074 min Scan# 2190  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:252 Resp: 3111306  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.8 26.8  
 125 8.0 6.4 9.6

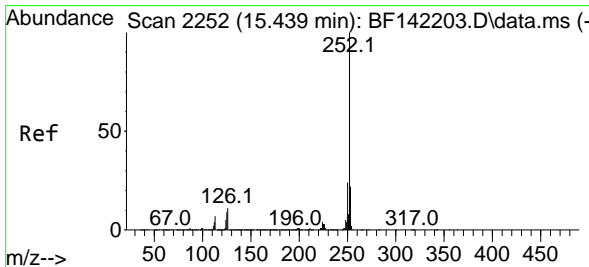
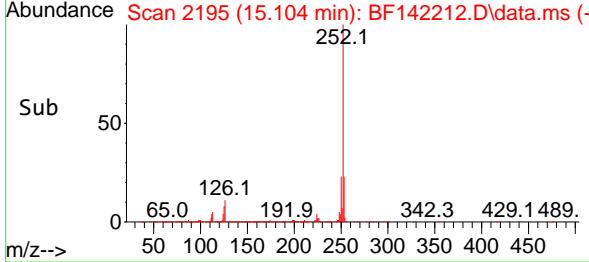
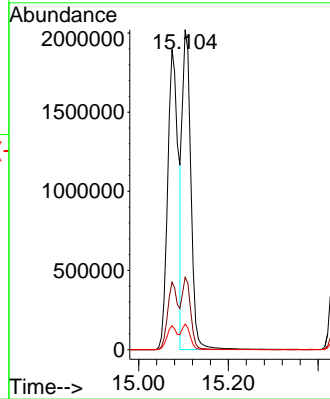
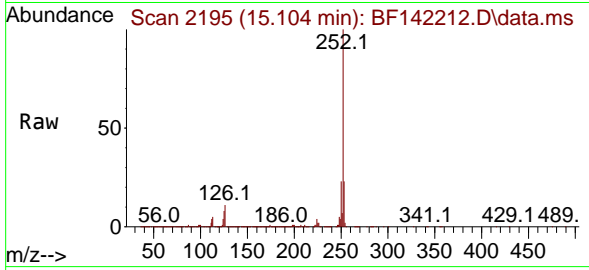




#89  
 Benzo(k)fluoranthene  
 Concen: 43.360 ng  
 RT: 15.104 min Scan# 2194  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

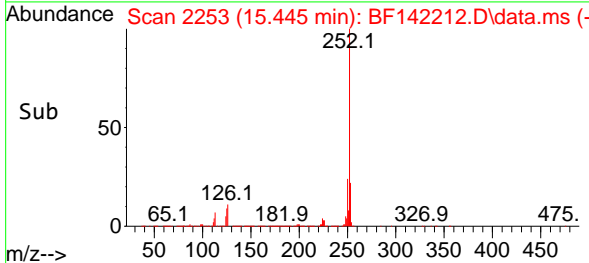
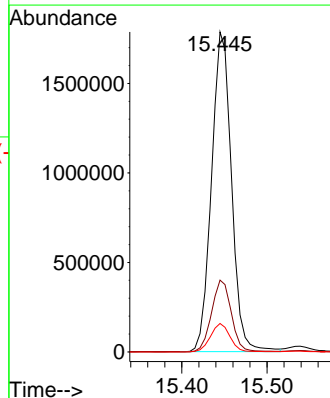
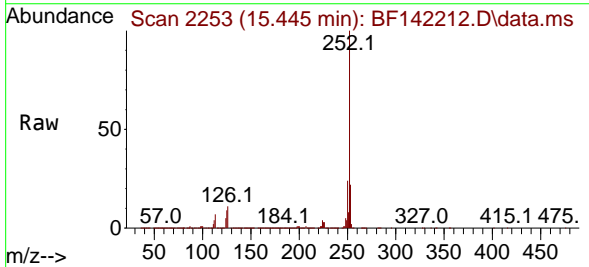
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:252 Resp: 2694376  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 17.9 26.9  
 125 8.0 6.6 10.0

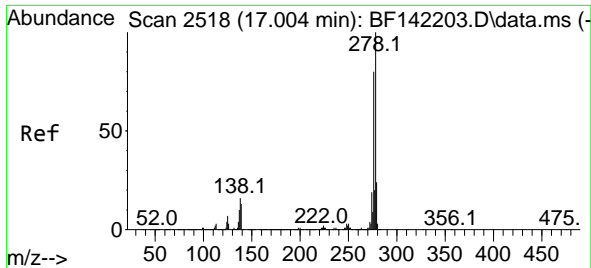


#90  
 Benzo(a)pyrene  
 Concen: 51.636 ng  
 RT: 15.445 min Scan# 2253  
 Delta R.T. 0.006 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:252 Resp: 2907359  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.6  
 125 8.9 7.1 10.7



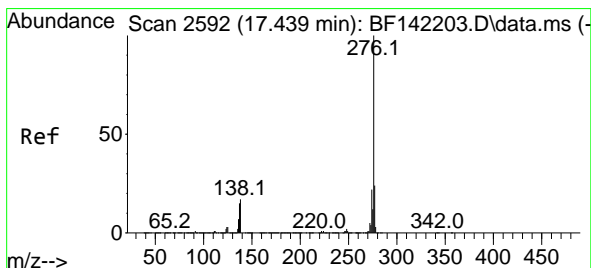
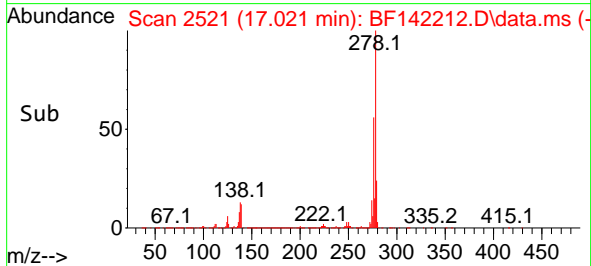
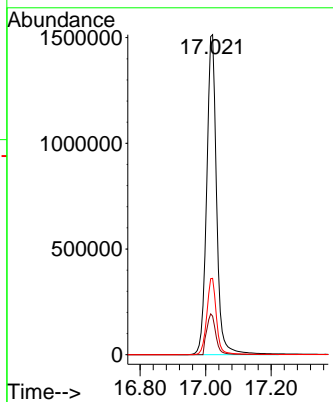
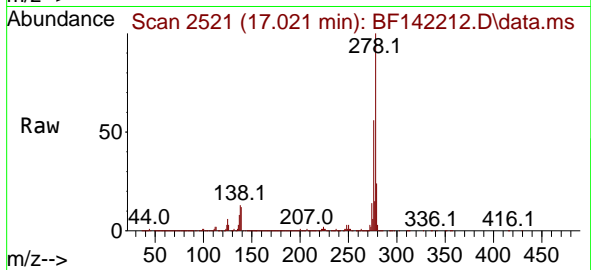




#91  
 Dibenzo(a,h)anthracene  
 Concen: 49.821 ng  
 RT: 17.021 min Scan# 2521  
 Delta R.T. 0.018 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167672BSD

Tgt Ion:278 Resp: 3197610  
 Ion Ratio Lower Upper  
 278 100  
 139 12.0 10.2 15.4  
 279 23.9 19.3 28.9



#92  
 Benzo(g,h,i)perylene  
 Concen: 47.166 ng  
 RT: 17.451 min Scan# 2594  
 Delta R.T. 0.012 min  
 Lab File: BF142212.D  
 Acq: 22 Apr 2025 15:13

Tgt Ion:276 Resp: 3152960  
 Ion Ratio Lower Upper  
 276 100  
 277 23.8 19.2 28.8  
 138 16.8 13.4 20.2

