

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091025\  
 Data File : BF143681.D  
 Acq On : 09 Sep 2025 11:37  
 Operator : RC/JU  
 Sample : SSTDIC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 09 15:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	48701	20.000	ng	0.00	
21) Naphthalene-d8	8.175	136	187400	20.000	ng	0.00	
39) Acenaphthene-d10	9.928	164	106239	20.000	ng	0.00	
64) Phenanthrene-d10	11.410	188	163693	20.000	ng	0.00	
76) Chrysene-d12	14.045	240	105078	20.000	ng	0.00	
86) Perylene-d12	15.515	264	117337	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	275777	96.613	ng	0.00	
7) Phenol-d6	6.510	99	336370	96.781	ng	0.00	
23) Nitrobenzene-d5	7.451	82	298944	99.224	ng	0.00	
42) 2,4,6-Tribromophenol	10.716	330	105674	98.701	ng	0.00	
45) 2-Fluorobiphenyl	9.245	172	669974	95.264	ng	0.00	
79) Terphenyl-d14	12.992	244	578773	89.259	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.669	88	60202	47.281	ng		98
3) Pyridine	3.434	79	162073	49.275	ng		97
4) n-Nitrosodimethylamine	3.387	42	60449	48.382	ng		95
6) Aniline	6.551	93	224778	48.830	ng		99
8) 2-Chlorophenol	6.675	128	150257	48.739	ng		97
9) Benzaldehyde	6.445	77	151356	53.975	ng		98
10) Phenol	6.522	94	197363	51.371	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	138527	48.278	ng		99
12) 1,3-Dichlorobenzene	6.834	146	171492	48.639	ng		100
13) 1,4-Dichlorobenzene	6.910	146	173871	48.857	ng		100
14) 1,2-Dichlorobenzene	7.063	146	163398	48.621	ng		99
15) Benzyl Alcohol	7.028	79	123209	48.734	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	179887	47.919	ng		98
17) 2-Methylphenol	7.134	107	122850	49.537	ng		99
18) Hexachloroethane	7.404	117	55730	48.478	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	103255	48.373	ng		100
20) 3+4-Methylphenols	7.287	107	159846	48.946	ng		95
22) Acetophenone	7.298	105	202733	47.900	ng		98
24) Nitrobenzene	7.475	77	152066	48.677	ng		97
25) Isophorone	7.710	82	275784	47.736	ng		99
26) 2-Nitrophenol	7.787	139	80228	52.233	ng		99
27) 2,4-Dimethylphenol	7.816	122	134004	48.598	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	169853	47.841	ng		99
29) 2,4-Dichlorophenol	8.022	162	134803	48.600	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	140654	48.947	ng		99
31) Naphthalene	8.192	128	445518	48.024	ng		100
32) Benzoic acid	7.916	122	86159	51.216	ng		99
33) 4-Chloroaniline	8.239	127	154832	47.942	ng		99
34) Hexachlorobutadiene	8.310	225	90648	48.364	ng		99
35) Caprolactam	8.610	113	35043	47.468	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	132445	48.427	ng		98
37) 2-Methylnaphthalene	8.886	142	303130	47.734	ng		100
38) 1-Methylnaphthalene	8.981	142	291205	47.783	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	146682	48.228	ng		100
41) Hexachlorocyclopentadiene	9.039	237	82011	52.522	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	98872	48.683	ng		97

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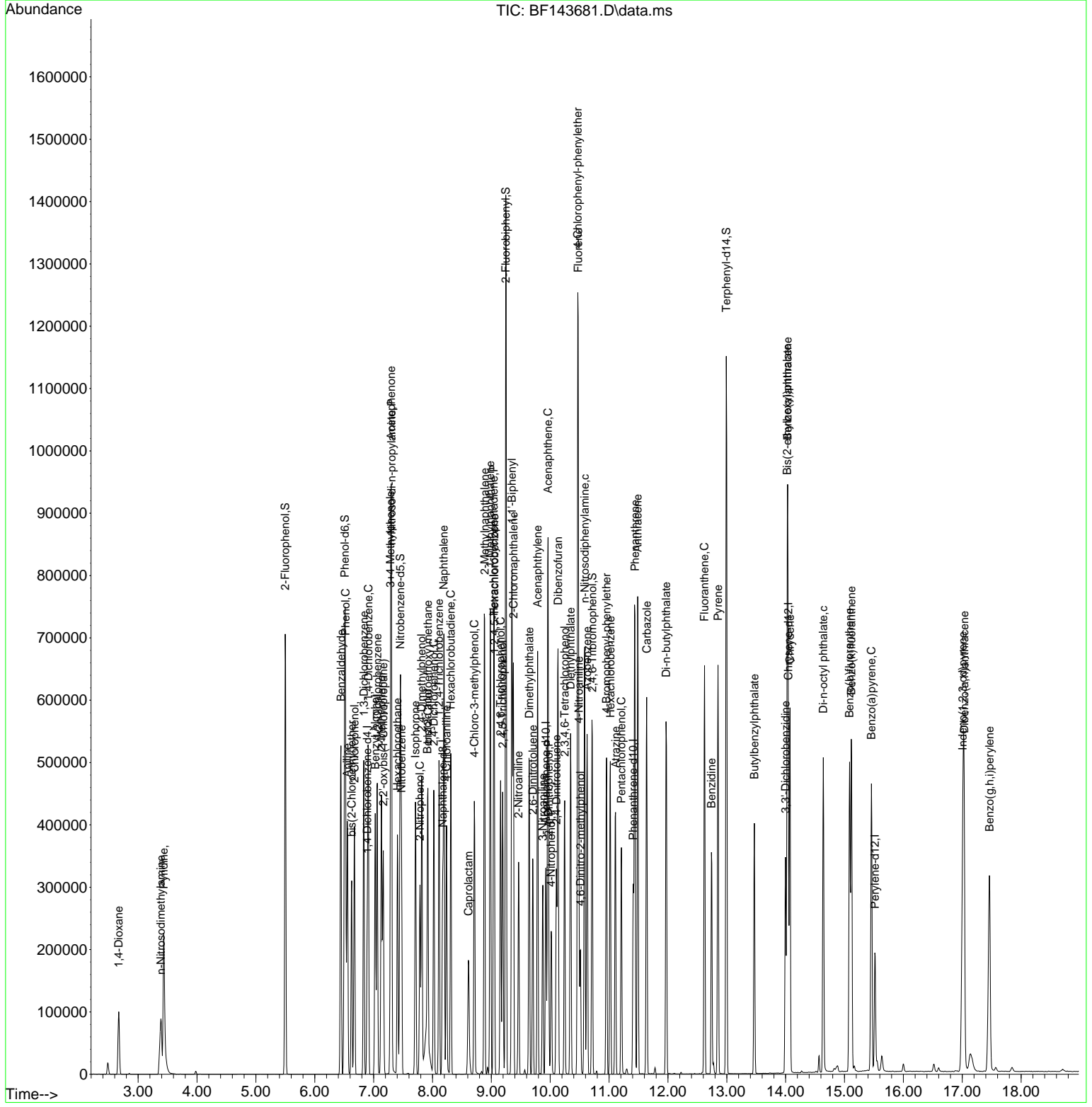
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102829	49.805	ng	99
46) 1,1'-Biphenyl	9.351	154	370301	48.416	ng	99
47) 2-Chloronaphthalene	9.375	162	285560	47.625	ng	99
48) 2-Nitroaniline	9.463	65	81098	51.109	ng	96
49) Acenaphthylene	9.786	152	416024	48.437	ng	100
50) Dimethylphthalate	9.645	163	329330	47.644	ng	100
51) 2,6-Dinitrotoluene	9.704	165	68823	52.075	ng	98
52) Acenaphthene	9.963	154	281534	47.568	ng	98
53) 3-Nitroaniline	9.875	138	68669	48.282	ng	98
54) 2,4-Dinitrophenol	9.975	184	30751	45.821	ng #	77
55) Dibenzofuran	10.133	168	408703	48.023	ng	98
56) 4-Nitrophenol	10.016	139	53500	47.282	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89538	49.779	ng	98
58) Fluorene	10.475	166	315248	47.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83243	49.723	ng	99
60) Diethylphthalate	10.345	149	305936	47.144	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	160530	47.513	ng	98
62) 4-Nitroaniline	10.486	138	64527	47.903	ng	98
63) Azobenzene	10.628	77	274716	47.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	42383	50.854	ng	97
66) n-Nitrosodiphenylamine	10.586	169	261578	48.778	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	97393	49.338	ng	98
68) Hexachlorobenzene	11.022	284	103033	49.432	ng	98
69) Atrazine	11.110	200	80407	47.821	ng	99
70) Pentachlorophenol	11.210	266	62720	49.778	ng	97
71) Phenanthrene	11.439	178	434393	48.163	ng	100
72) Anthracene	11.486	178	437984	48.295	ng	100
73) Carbazole	11.639	167	354246	47.696	ng	100
74) Di-n-butylphthalate	11.969	149	431786	48.289	ng	100
75) Fluoranthene	12.622	202	380399	45.943	ng	100
77) Benzidine	12.739	184	202166	58.999	ng	100
78) Pyrene	12.851	202	383337	45.628	ng	100
80) Butylbenzylphthalate	13.469	149	136440	51.832	ng	99
81) Benzo(a)anthracene	14.033	228	335640	49.650	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	107729	51.800	ng	98
83) Chrysene	14.074	228	293904	47.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	203237	54.112	ng	99
85) Di-n-octyl phthalate	14.639	149	363429	53.998	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	401522	50.140	ng	100
88) Benzo(b)fluoranthene	15.086	252	350635	50.199	ng	99
89) Benzo(k)fluoranthene	15.115	252	292102	46.337	ng	100
90) Benzo(a)pyrene	15.457	252	300975	49.048	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	331338	49.871	ng	100
92) Benzo(g,h,i)perylene	17.462	276	310457	49.956	ng	98

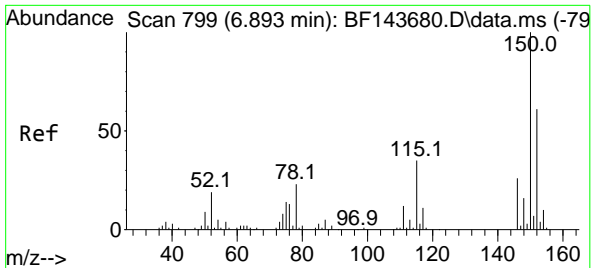
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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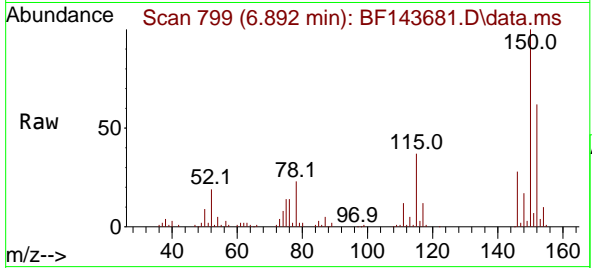
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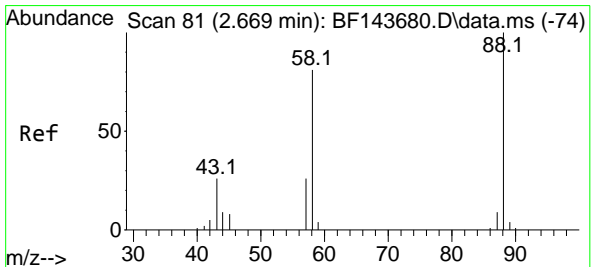
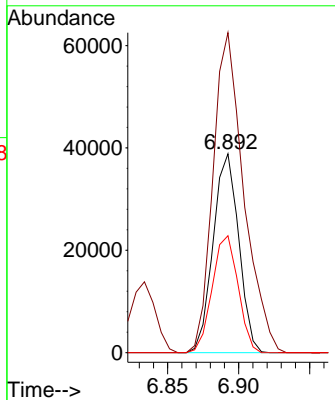
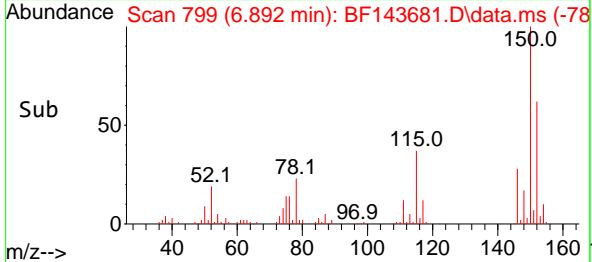


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 79  
 Delta R.T. -0.001 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

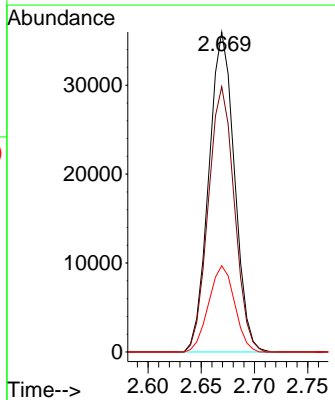
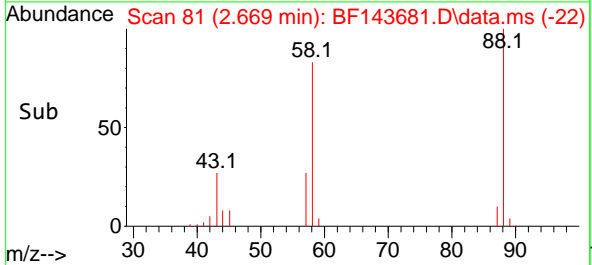
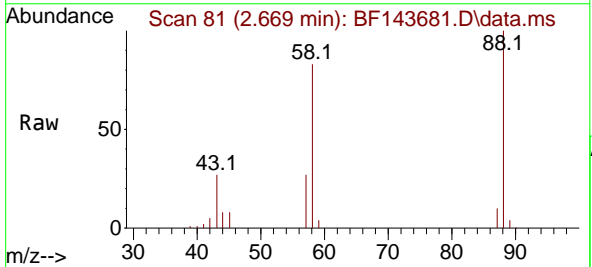


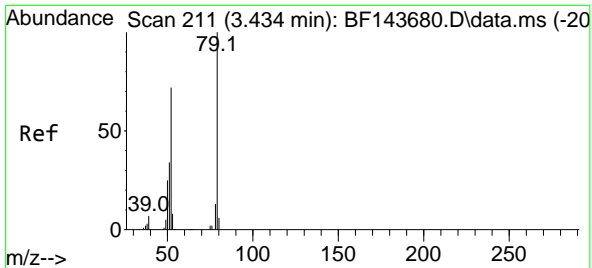
Tgt Ion:152 Resp: 48701  
 Ion Ratio Lower Upper  
 152 100  
 150 160.8 130.7 196.1  
 115 58.8 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 47.281 ng  
 RT: 2.669 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

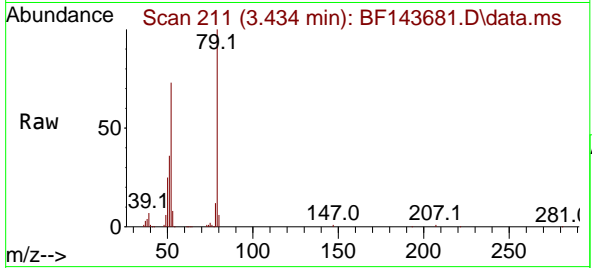
Tgt Ion: 88 Resp: 60202  
 Ion Ratio Lower Upper  
 88 100  
 58 84.1 65.8 98.6  
 43 27.3 20.6 31.0



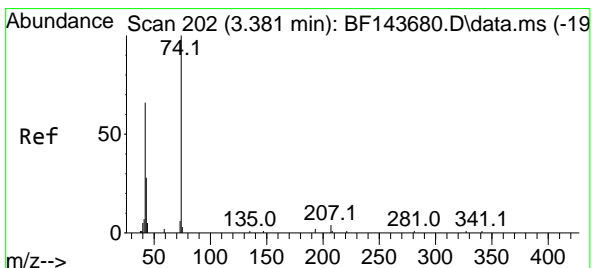
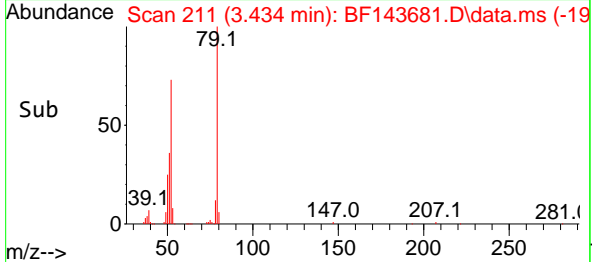
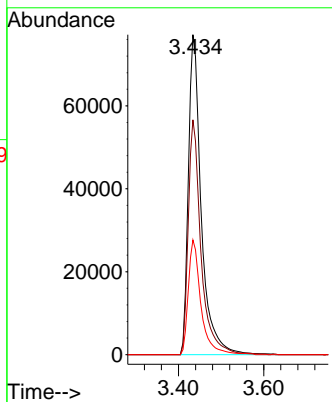


#3  
 Pyridine  
 Concen: 49.275 ng  
 RT: 3.434 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

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 ClientSampleId :

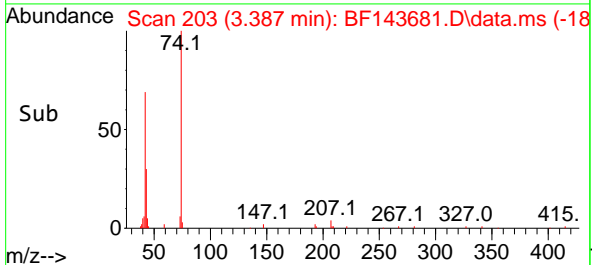
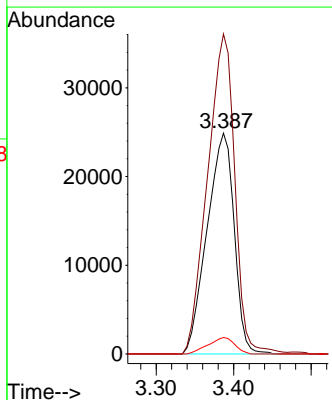
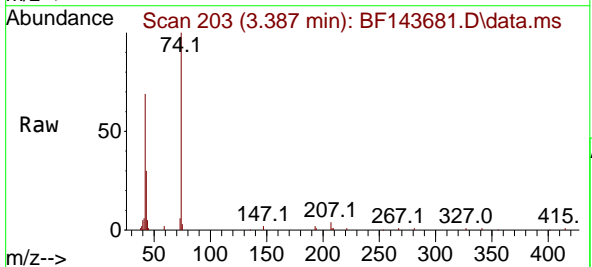


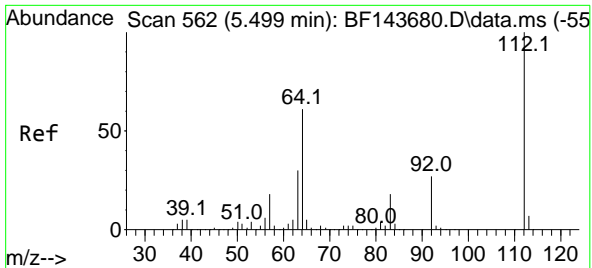
Tgt Ion: 79 Resp: 162073  
 Ion Ratio Lower Upper  
 79 100  
 52 73.4 57.2 85.8  
 51 35.8 27.0 40.6



#4  
 n-Nitrosodimethylamine  
 Concen: 48.382 ng  
 RT: 3.387 min Scan# 203  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

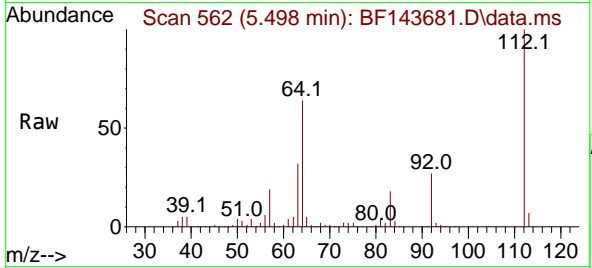
Tgt Ion: 42 Resp: 60449  
 Ion Ratio Lower Upper  
 42 100  
 74 144.9 120.9 181.3  
 44 7.5 6.5 9.7



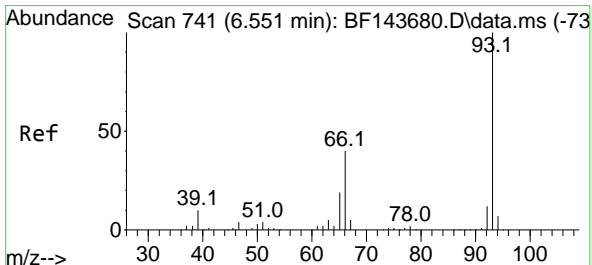
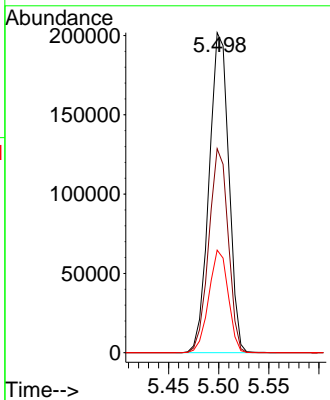
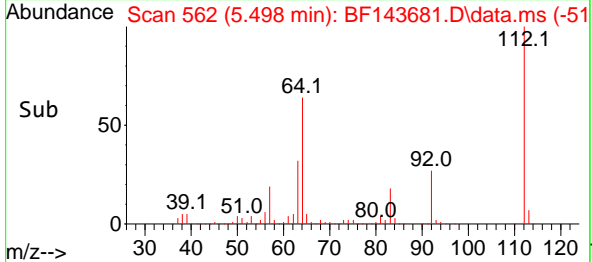


#5  
 2-Fluorophenol  
 Concen: 96.613 ng  
 RT: 5.498 min Scan# 50  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

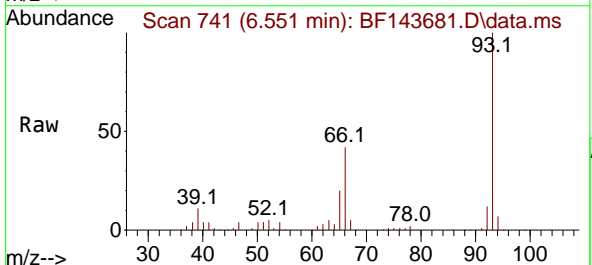
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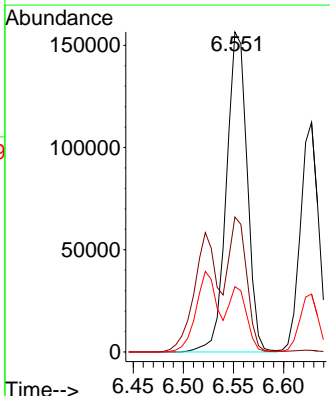
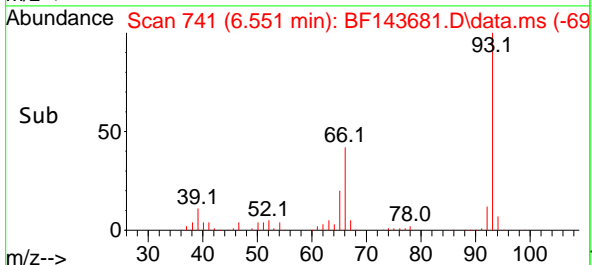
Tgt Ion:112 Resp: 275777  
 Ion Ratio Lower Upper  
 112 100  
 64 63.7 49.0 73.4  
 63 32.1 24.3 36.5

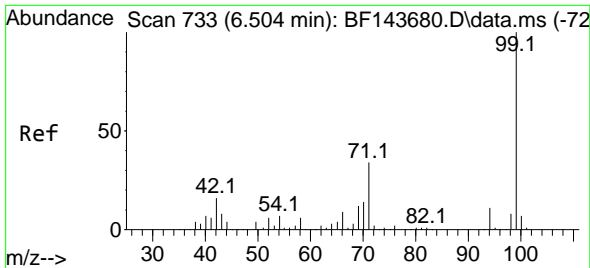


#6  
 Aniline  
 Concen: 48.830 ng  
 RT: 6.551 min Scan# 741  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



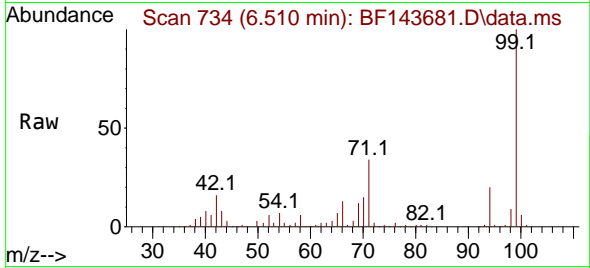
Tgt Ion: 93 Resp: 224778  
 Ion Ratio Lower Upper  
 93 100  
 66 42.2 34.1 51.1  
 65 20.4 16.1 24.1



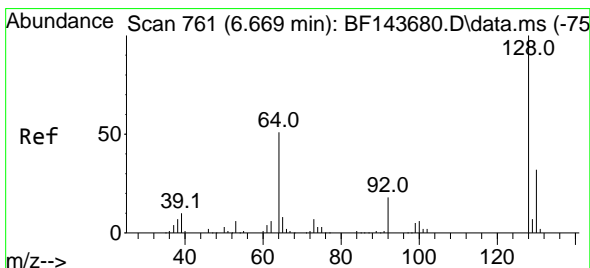
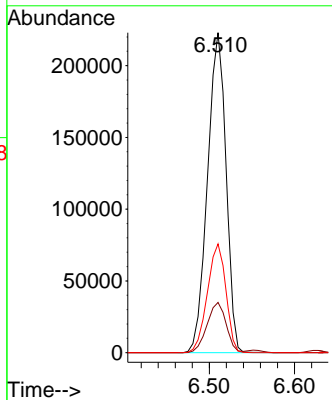
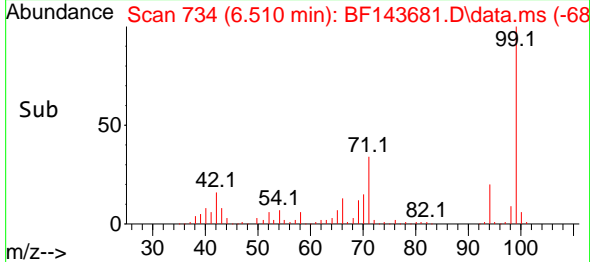


#7  
 Phenol-d6  
 Concen: 96.781 ng  
 RT: 6.510 min Scan# 711  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
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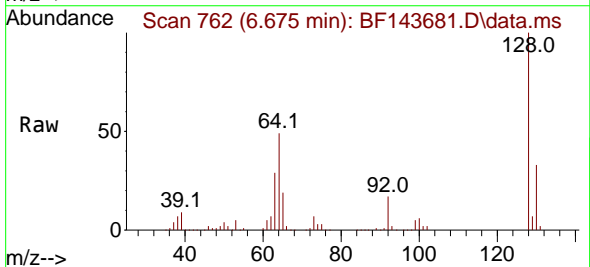
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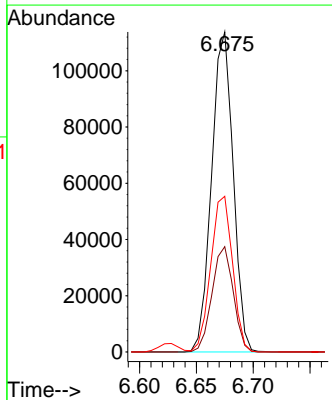
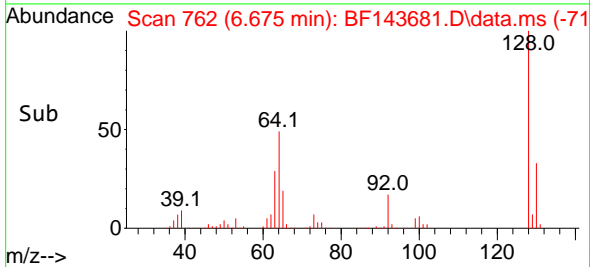
Tgt Ion: 99 Resp: 336370  
 Ion Ratio Lower Upper  
 99 100  
 42 15.7 13.0 19.4  
 71 34.0 27.4 41.2

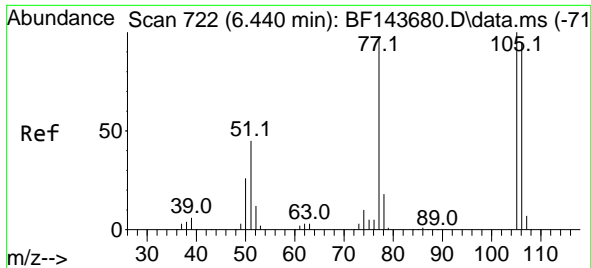


#8  
 2-Chlorophenol  
 Concen: 48.739 ng  
 RT: 6.675 min Scan# 762  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 128 Resp: 150257  
 Ion Ratio Lower Upper  
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 130 32.9 12.0 52.0  
 64 48.6 31.9 71.9



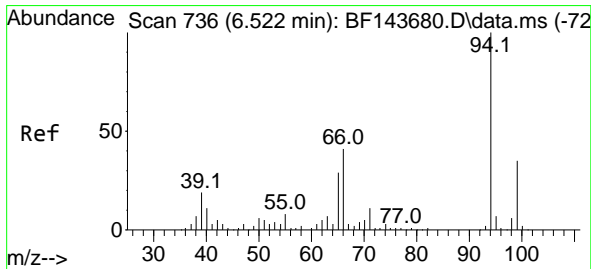
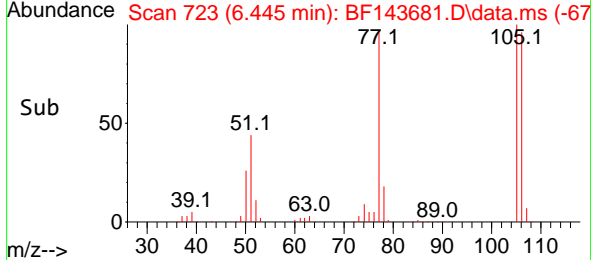
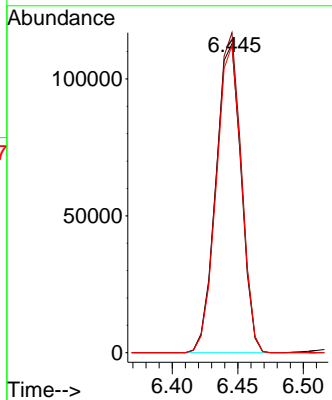
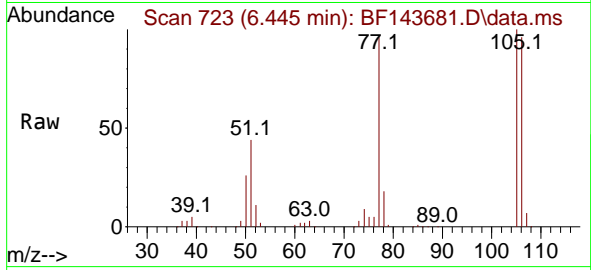


#9  
 Benzaldehyde  
 Concen: 53.975 ng  
 RT: 6.445 min Scan# 71  
 Delta R.T. 0.006 min  
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Instrument : BNA\_F  
 ClientSampleId :

Tgt Ion: 77 Resp: 151356

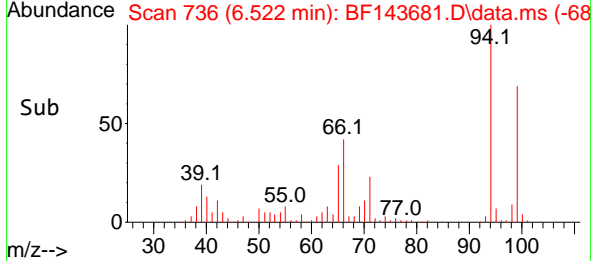
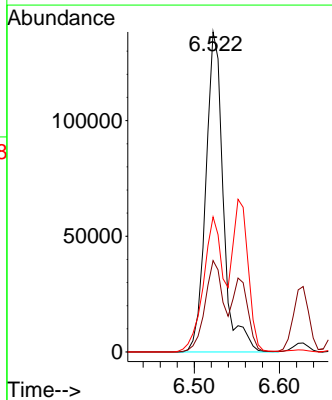
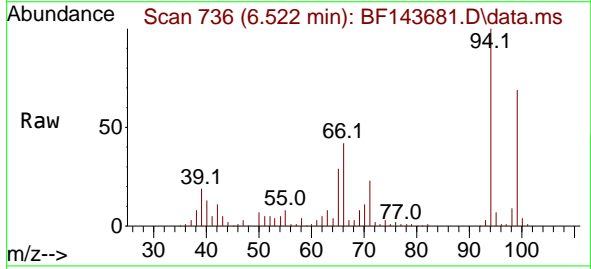
Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.7	121.7
106	99.5	76.9	116.9



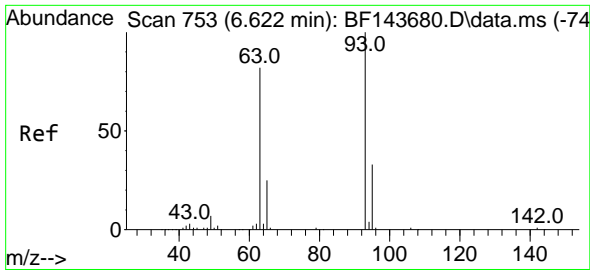
#10  
 Phenol  
 Concen: 51.371 ng  
 RT: 6.522 min Scan# 736  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion: 94 Resp: 197363

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.1	49.1
66	42.2	20.8	60.8

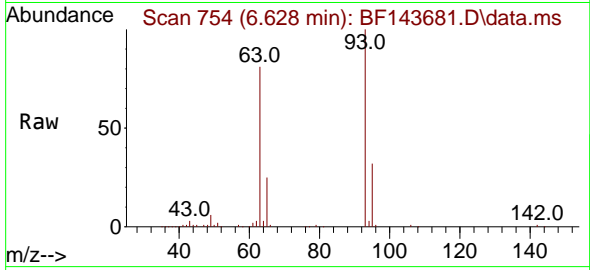






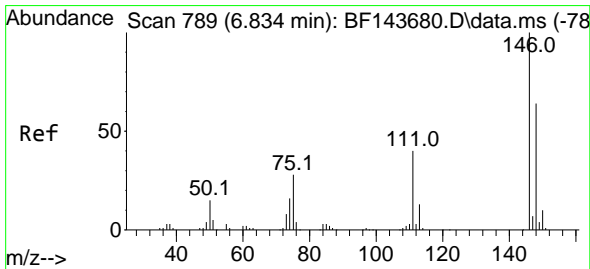
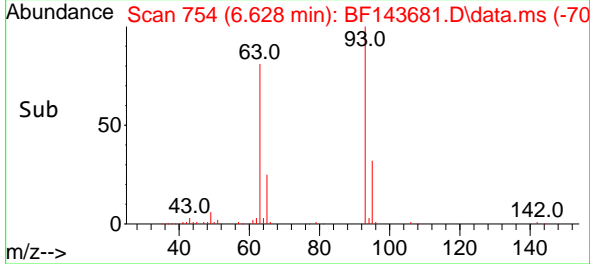
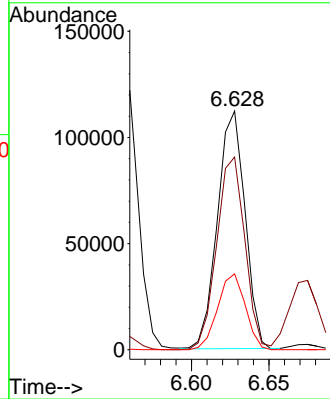
#11  
 bis(2-Chloroethyl)ether  
 Concen: 48.278 ng  
 RT: 6.628 min Scan# 753  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

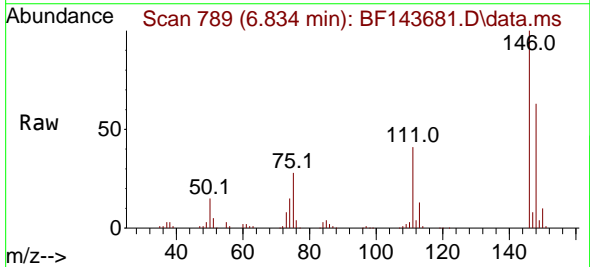


Tgt Ion: 93 Resp: 138527

Ion	Ratio	Lower	Upper
93	100		
63	80.8	61.8	101.8
95	31.8	12.6	52.6

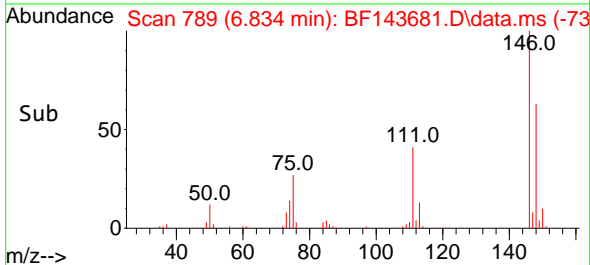
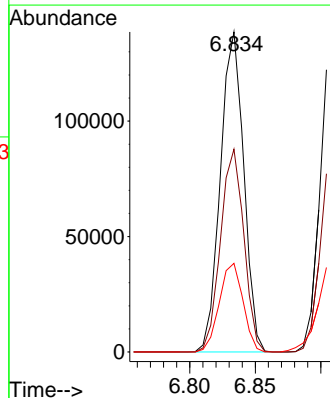


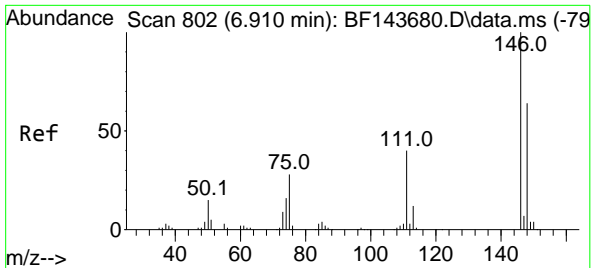
#12  
 1,3-Dichlorobenzene  
 Concen: 48.639 ng  
 RT: 6.834 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 146 Resp: 171492

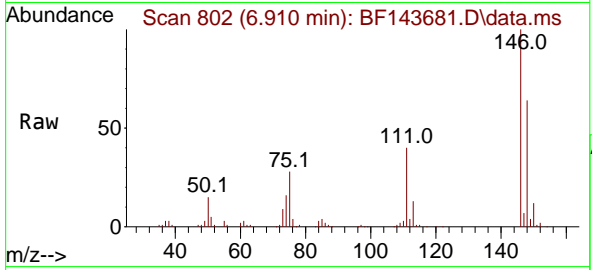
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	27.7	22.0	33.0



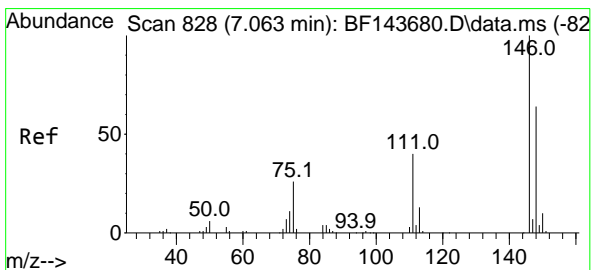
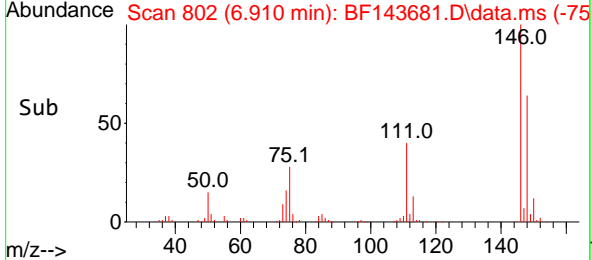
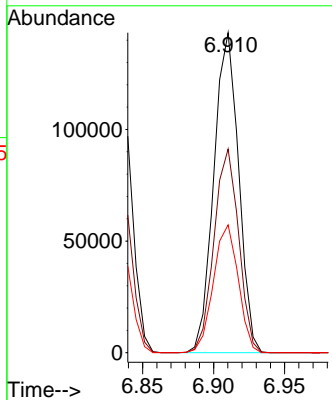


#13  
 1,4-Dichlorobenzene  
 Concen: 48.857 ng  
 RT: 6.910 min Scan# 802  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

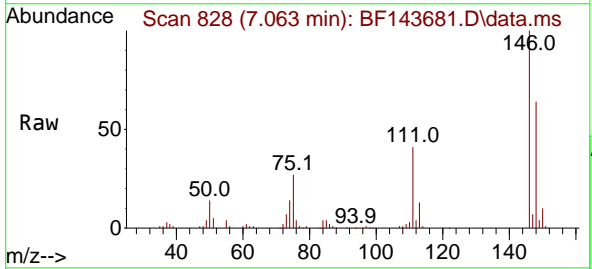
Instrument :  
 BNA\_F  
 ClientSampleId :



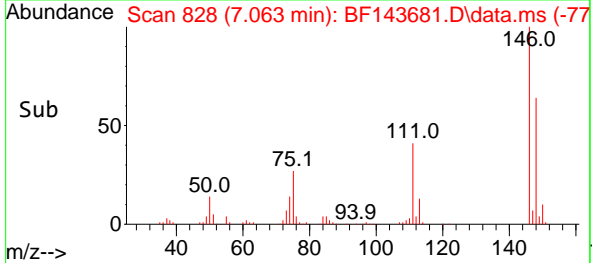
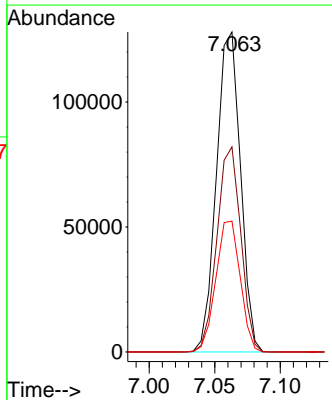
Tgt Ion:146 Resp: 173871  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.2 76.8  
 111 40.0 31.8 47.8

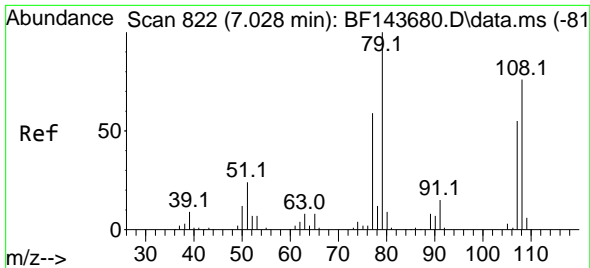


#14  
 1,2-Dichlorobenzene  
 Concen: 48.621 ng  
 RT: 7.063 min Scan# 828  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



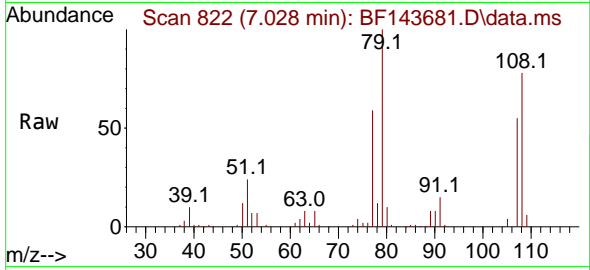
Tgt Ion:146 Resp: 163398  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.0 76.4  
 111 40.9 32.3 48.5





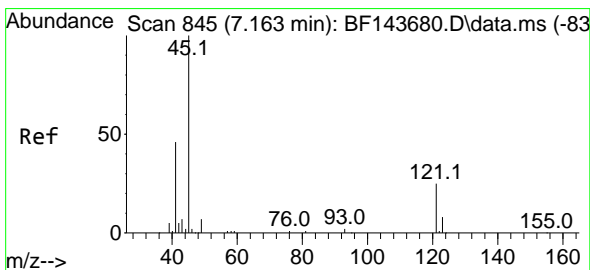
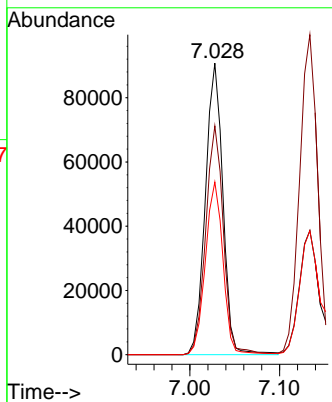
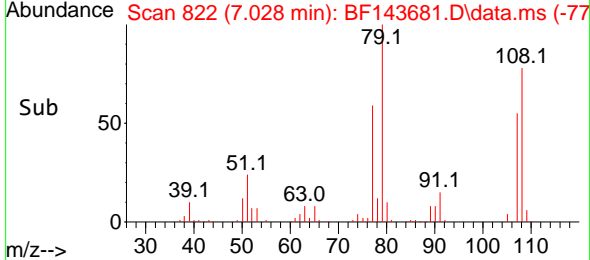
#15  
 Benzyl Alcohol  
 Concen: 48.734 ng  
 RT: 7.028 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

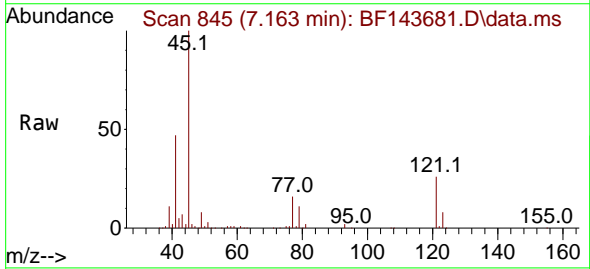


Tgt Ion: 79 Resp: 123209

Ion	Ratio	Lower	Upper
79	100		
108	78.5	60.9	91.3
77	59.2	47.4	71.2

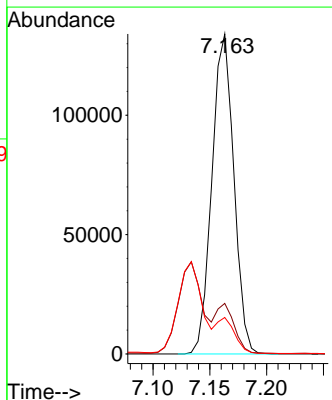
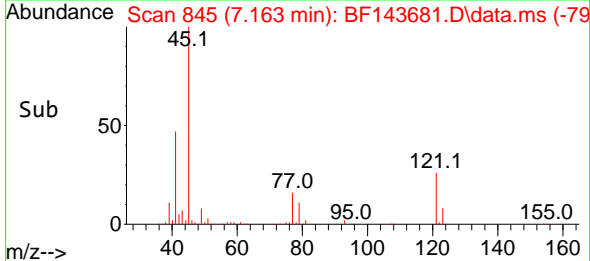


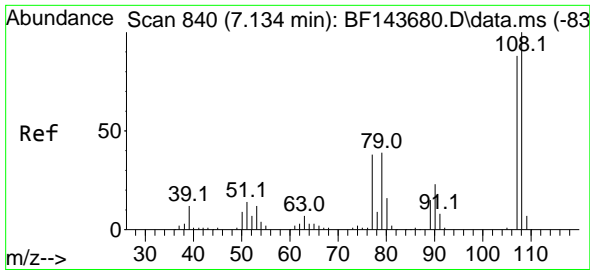
#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 47.919 ng  
 RT: 7.163 min Scan# 845  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 45 Resp: 179887

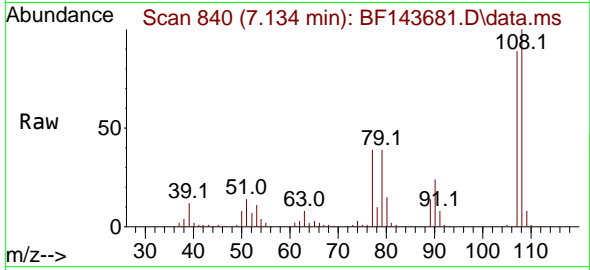
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.6
79	11.4	0.0	31.3





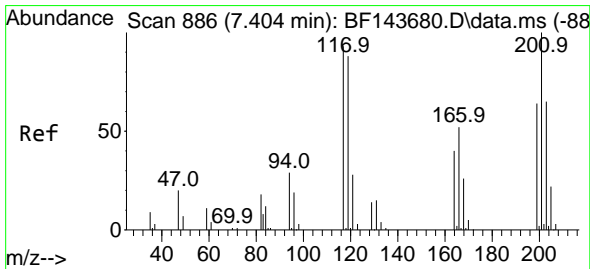
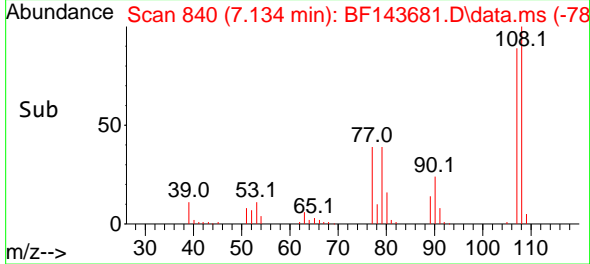
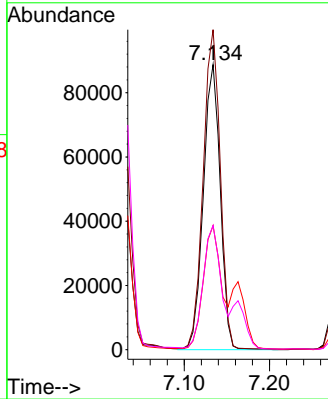
#17  
 2-Methylphenol  
 Concen: 49.537 ng  
 RT: 7.134 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:107 Resp: 122850

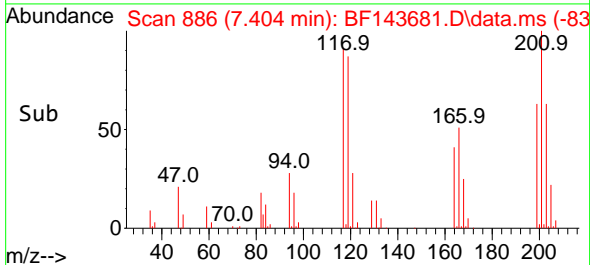
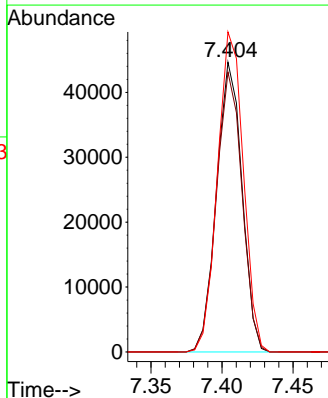
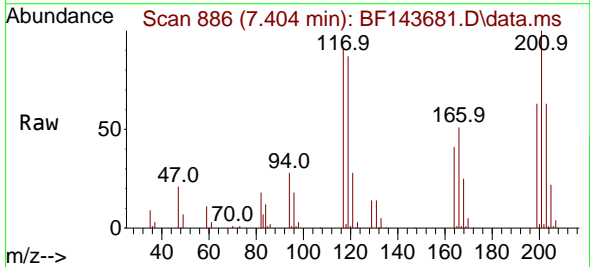
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.9	136.3
77	43.5	34.4	51.6
79	43.6	35.3	52.9

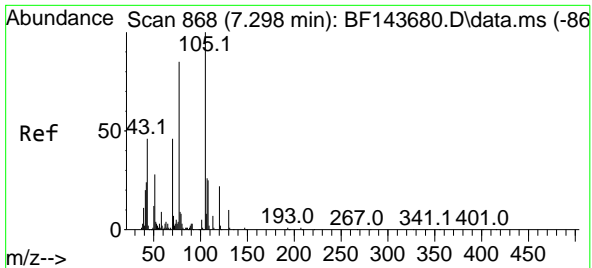


#18  
 Hexachloroethane  
 Concen: 48.478 ng  
 RT: 7.404 min Scan# 886  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:117 Resp: 55730

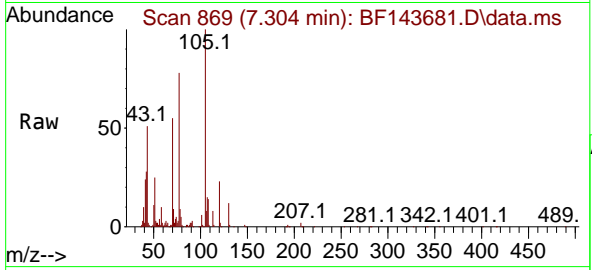
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2
201	110.4	86.4	129.6





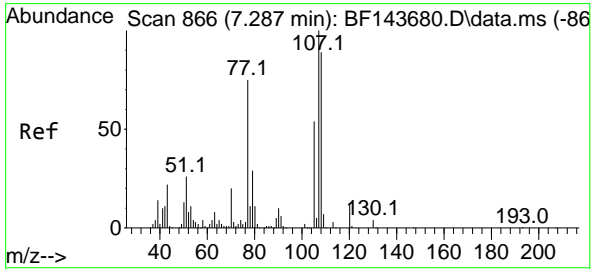
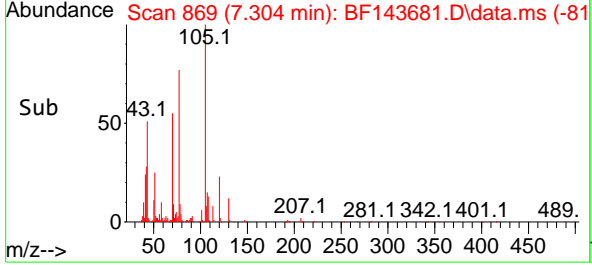
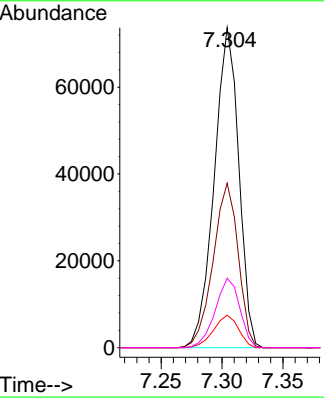
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 48.373 ng  
 RT: 7.304 min Scan# 869  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

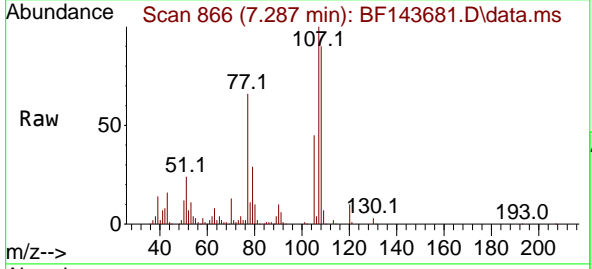


Tgt Ion: 70 Resp: 103255

Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.4	62.2
101	10.1	8.1	12.1
130	21.7	17.3	25.9

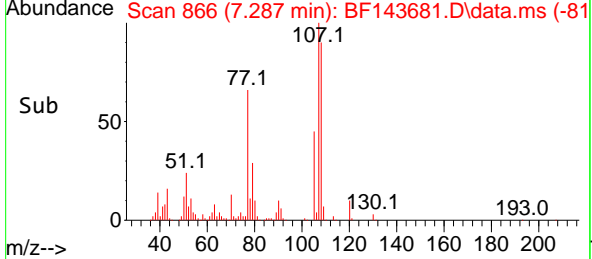
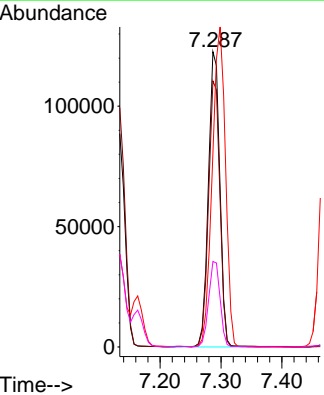


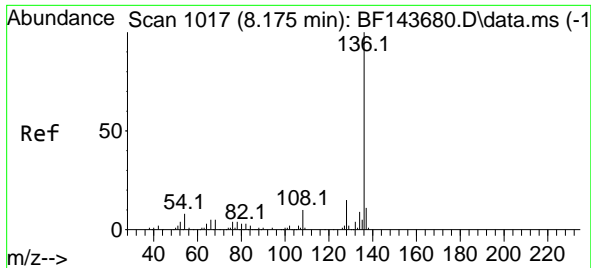
#20  
 3+4-Methylphenols  
 Concen: 48.946 ng  
 RT: 7.287 min Scan# 866  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 107 Resp: 159846

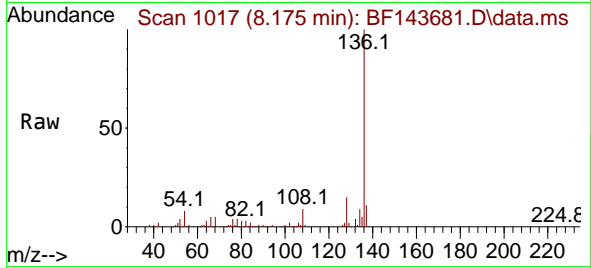
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.6	108.6
77	65.6	54.6	94.6
79	29.0	8.9	48.9





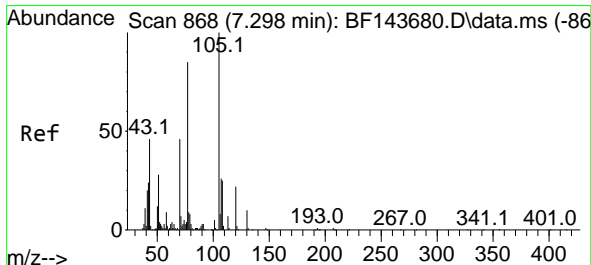
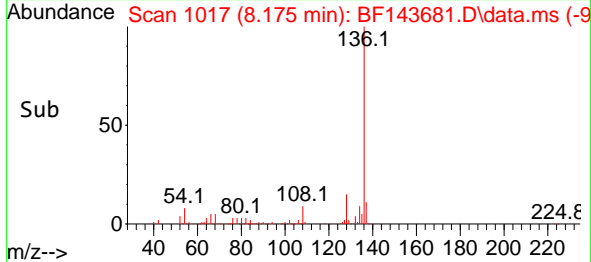
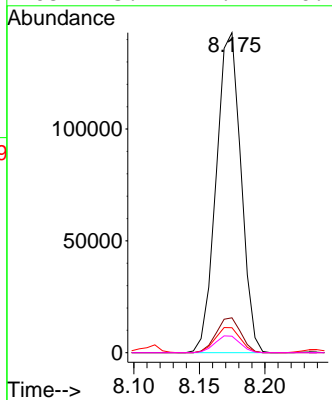
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.175 min Scan# 1017  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :



Tgt Ion:136 Resp: 187400

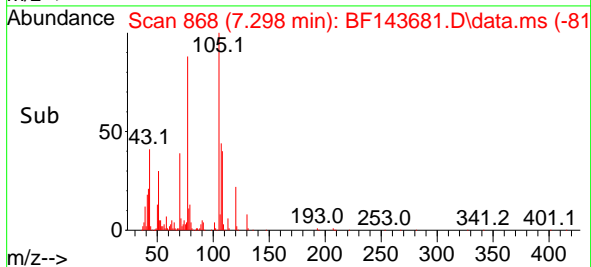
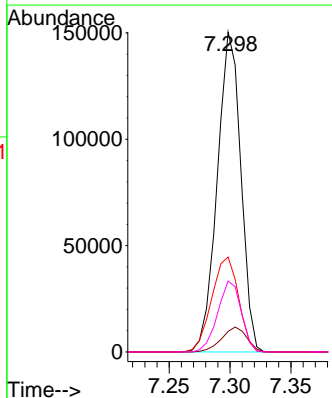
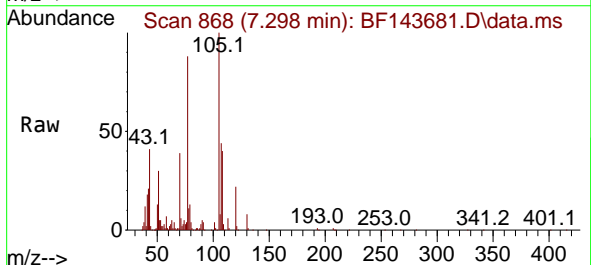
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.2	9.2
68	5.1	4.2	6.4

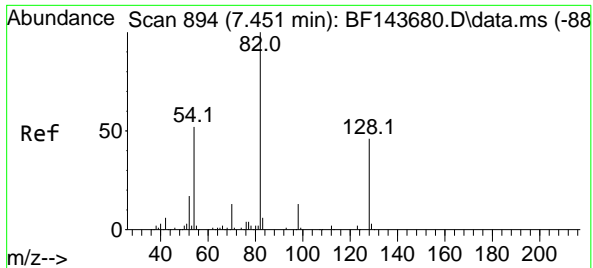


#22  
 Acetophenone  
 Concen: 47.900 ng  
 RT: 7.298 min Scan# 868  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:105 Resp: 202733

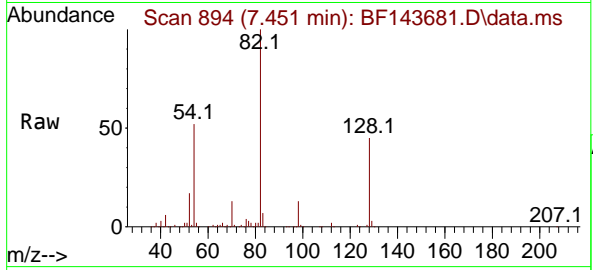
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.9	8.9
51	29.7	22.4	33.6
120	22.2	17.6	26.4





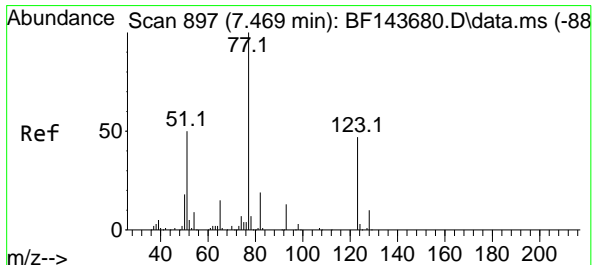
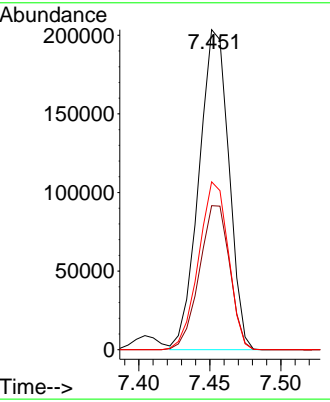
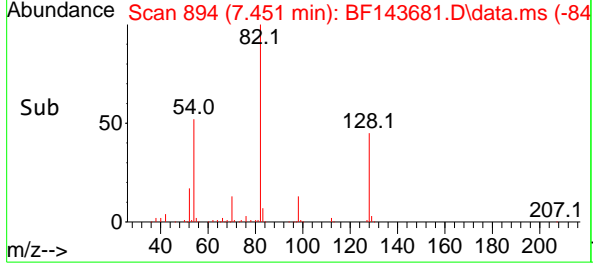
#23  
 Nitrobenzene-d5  
 Concen: 99.224 ng  
 RT: 7.451 min Scan# 894  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

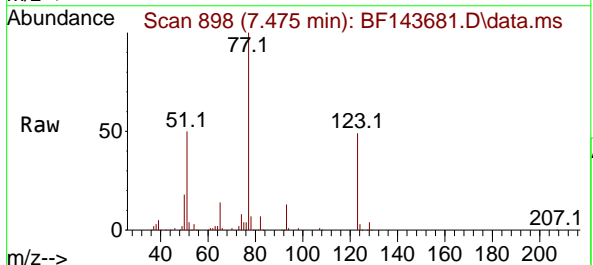


Tgt Ion: 82 Resp: 298944

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	52.5	41.8	62.8

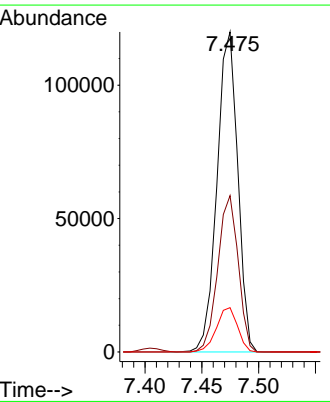
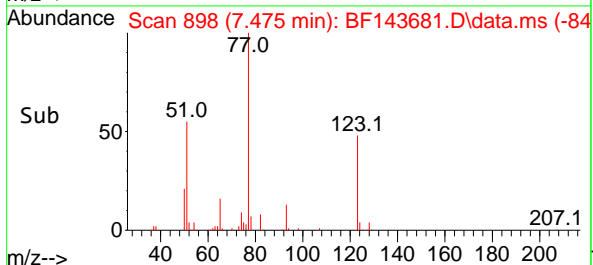


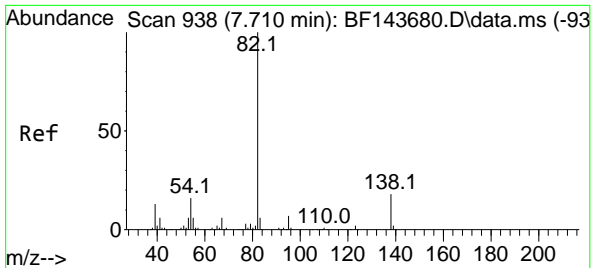
#24  
 Nitrobenzene  
 Concen: 48.677 ng  
 RT: 7.475 min Scan# 898  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 77 Resp: 152066

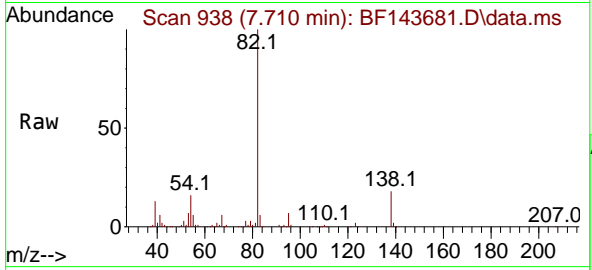
Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.0
65	13.9	11.6	17.4



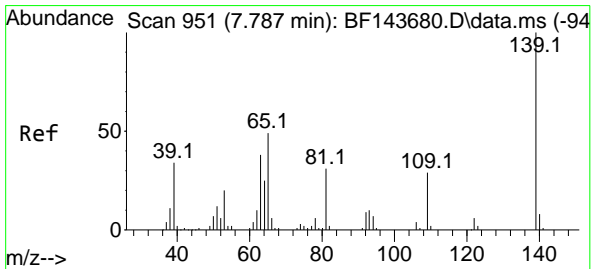
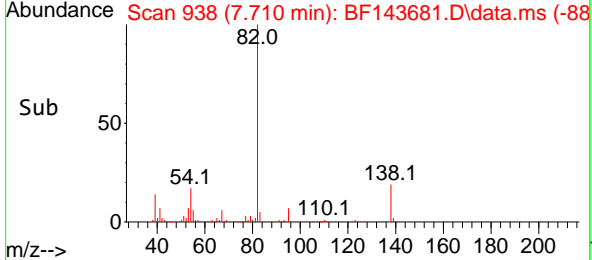
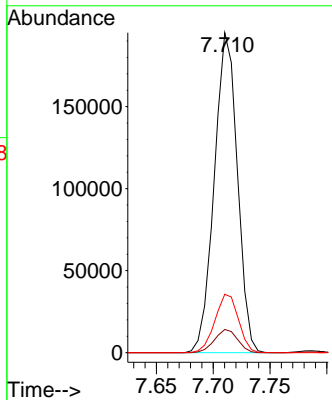


#25  
 Isophorone  
 Concen: 47.736 ng  
 RT: 7.710 min Scan# 910  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

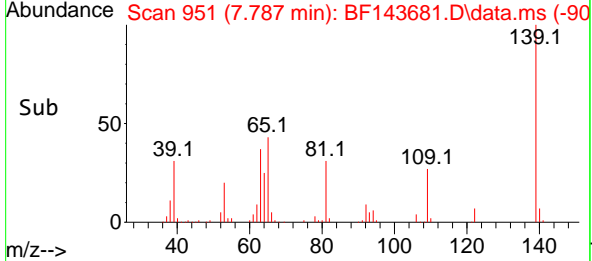
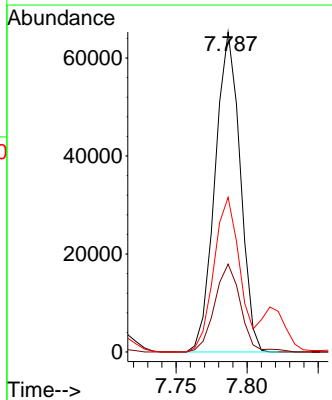
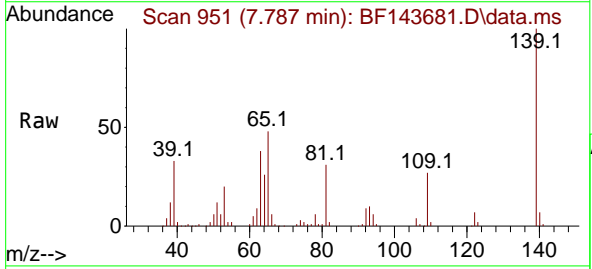


Tgt Ion: 82 Resp: 275784  
 Ion Ratio Lower Upper  
 82 100  
 95 7.2 5.7 8.5  
 138 18.3 14.8 22.2

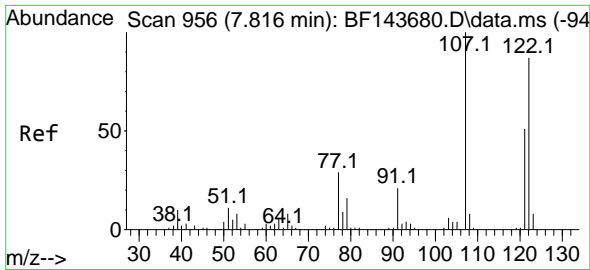


#26  
 2-Nitrophenol  
 Concen: 52.233 ng  
 RT: 7.787 min Scan# 951  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion: 139 Resp: 80228  
 Ion Ratio Lower Upper  
 139 100  
 109 27.4 22.8 34.2  
 65 48.3 39.2 58.8

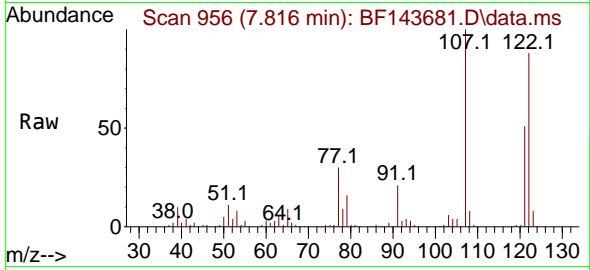




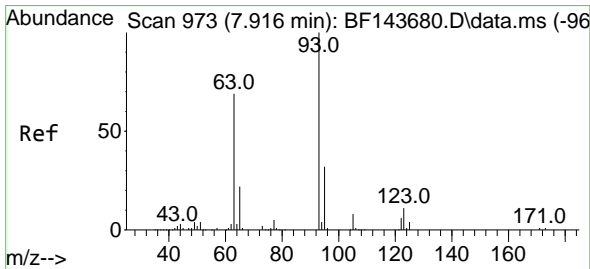
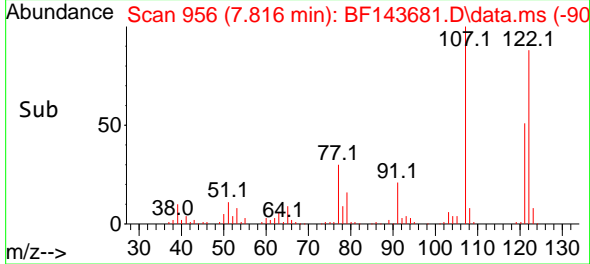
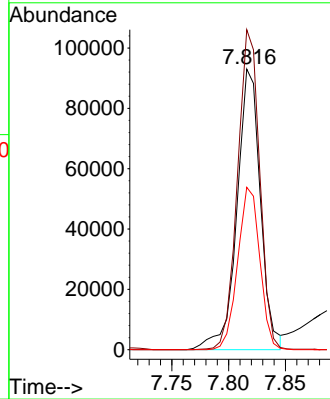


#27  
 2,4-Dimethylphenol  
 Concen: 48.598 ng  
 RT: 7.816 min Scan# 911  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

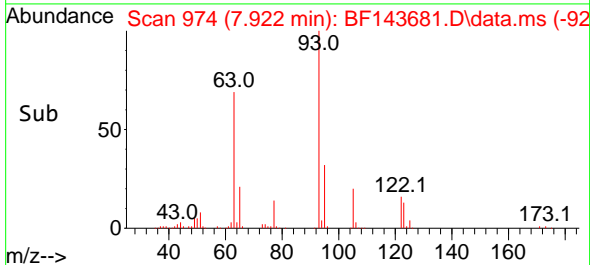
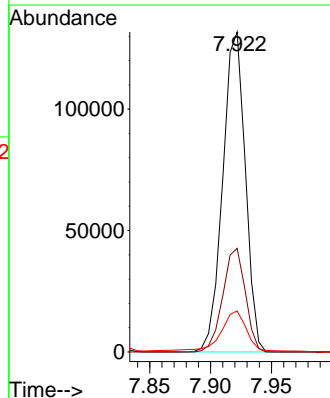
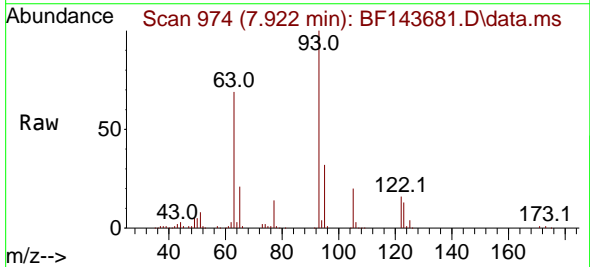


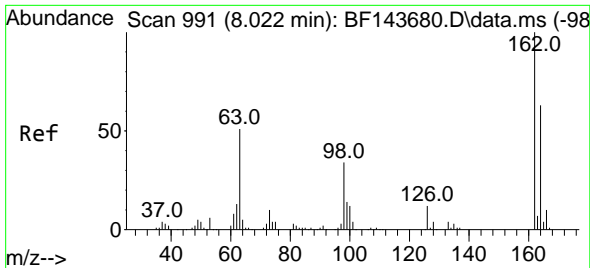
Tgt Ion:122 Resp: 134004  
 Ion Ratio Lower Upper  
 122 100  
 107 114.0 92.1 138.1  
 121 57.9 46.9 70.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.841 ng  
 RT: 7.922 min Scan# 974  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

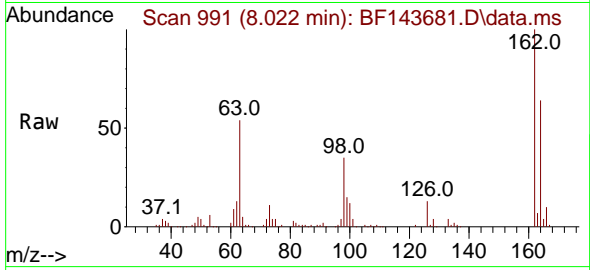
Tgt Ion: 93 Resp: 169853  
 Ion Ratio Lower Upper  
 93 100  
 95 32.4 26.0 39.0  
 123 12.8 9.6 14.4



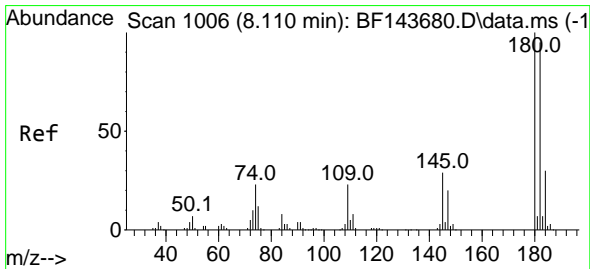
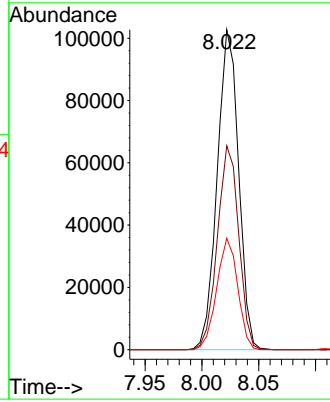
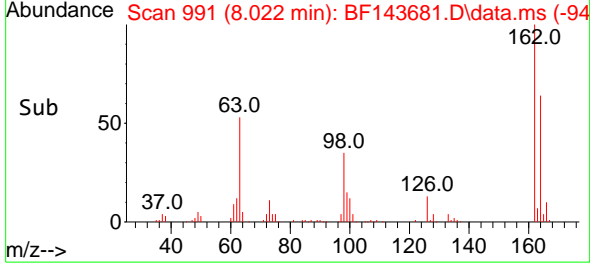


#29  
 2,4-Dichlorophenol  
 Concen: 48.600 ng  
 RT: 8.022 min Scan# 991  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

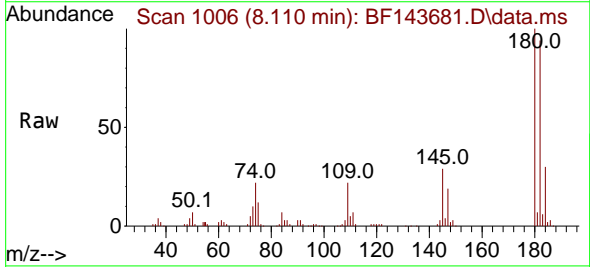
Instrument :  
 BNA\_F  
 ClientSampleId :



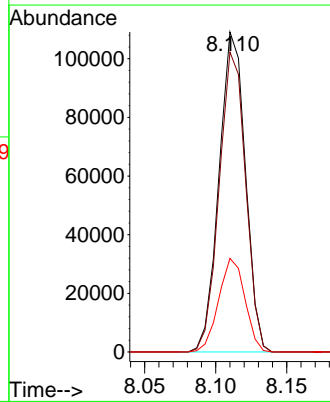
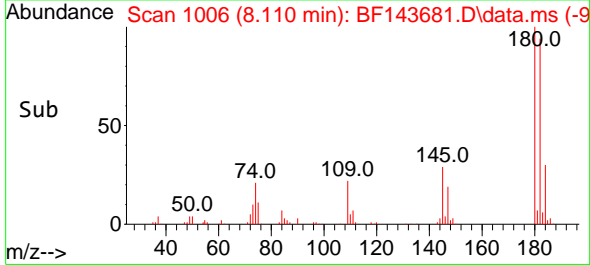
Tgt Ion:162 Resp: 134803  
 Ion Ratio Lower Upper  
 162 100  
 164 63.7 43.0 83.0  
 98 34.8 13.8 53.8

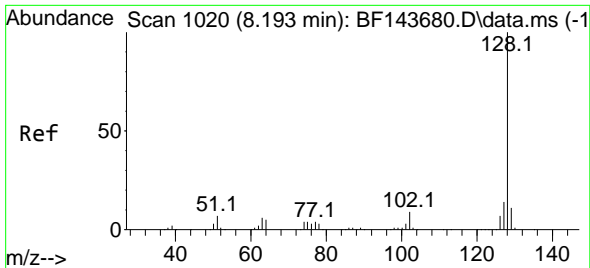


#30  
 1,2,4-Trichlorobenzene  
 Concen: 48.947 ng  
 RT: 8.110 min Scan# 1006  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



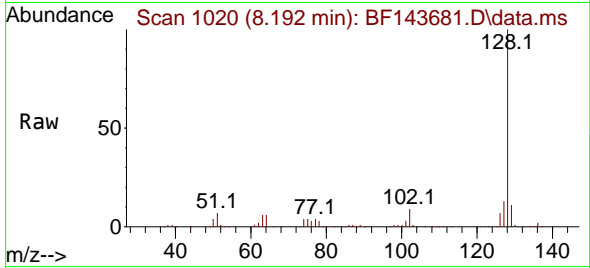
Tgt Ion:180 Resp: 140654  
 Ion Ratio Lower Upper  
 180 100  
 182 93.7 76.2 114.4  
 145 29.2 23.2 34.8



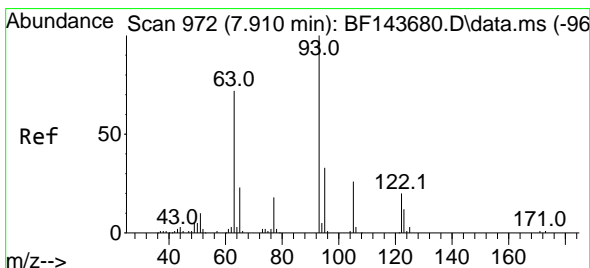
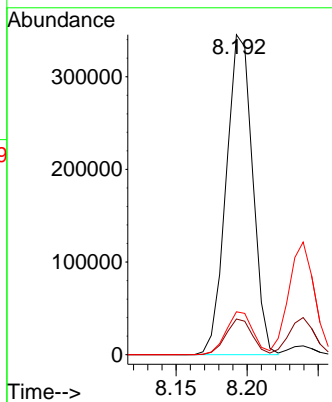
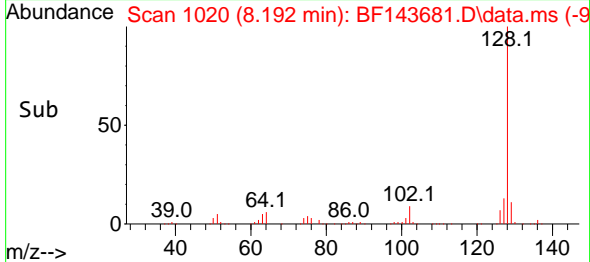


#31  
 Naphthalene  
 Concen: 48.024 ng  
 RT: 8.192 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

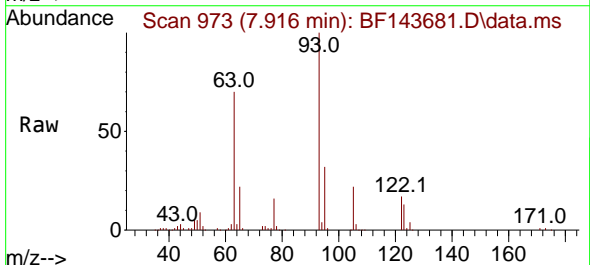
Instrument :  
 BNA\_F  
 ClientSampleId :



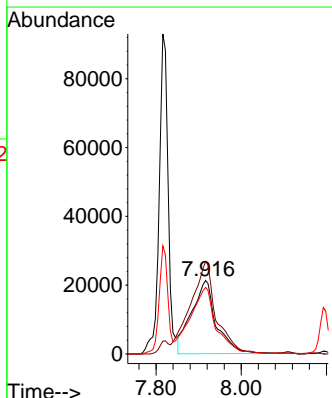
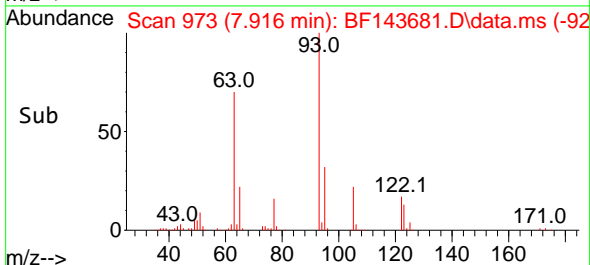
Tgt Ion:128 Resp: 445518  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 8.8 13.2  
 127 13.4 10.9 16.3

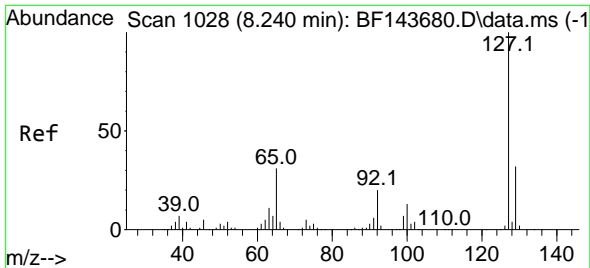


#32  
 Benzoic acid  
 Concen: 51.216 ng  
 RT: 7.916 min Scan# 973  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



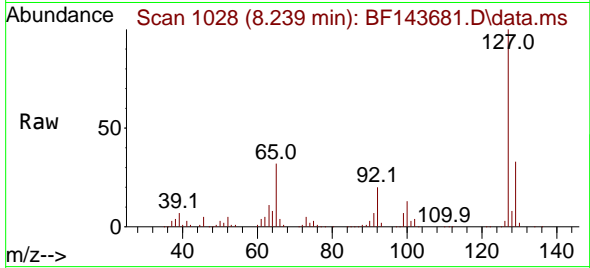
Tgt Ion:122 Resp: 86159  
 Ion Ratio Lower Upper  
 122 100  
 105 125.9 105.2 145.2  
 77 90.7 72.0 112.0





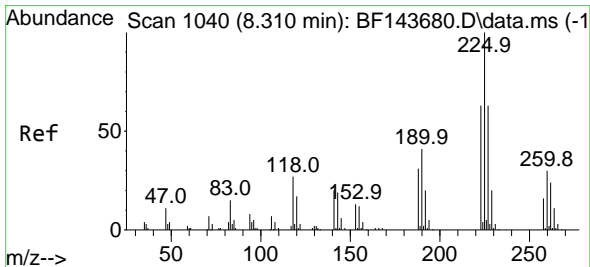
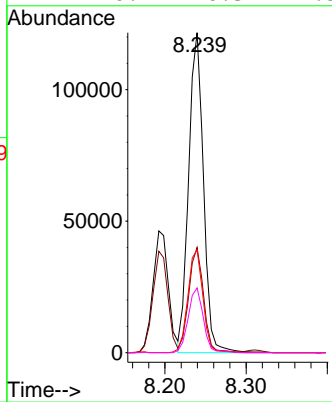
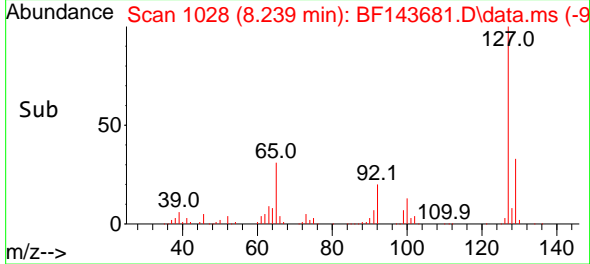
#33  
 4-Chloroaniline  
 Concen: 47.942 ng  
 RT: 8.239 min Scan# 1028  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

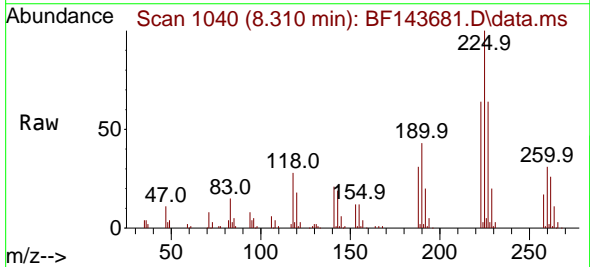


Tgt Ion:127 Resp: 154832

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	32.2	24.6	36.8
92	20.2	16.3	24.5

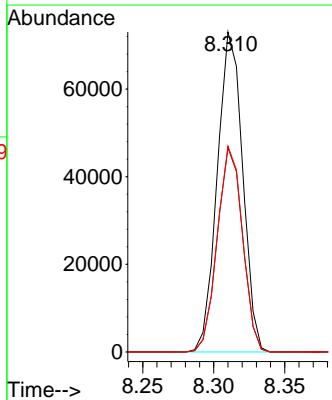
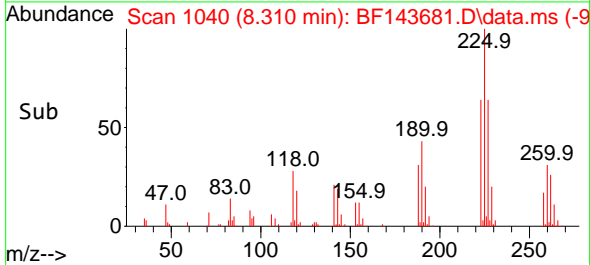


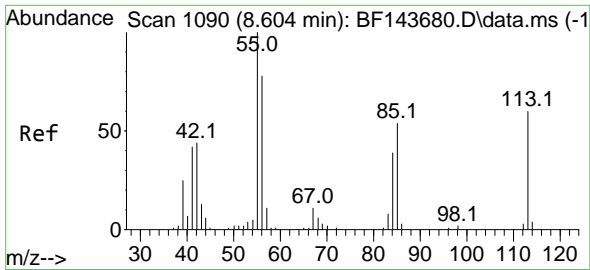
#34  
 Hexachlorobutadiene  
 Concen: 48.364 ng  
 RT: 8.310 min Scan# 1040  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion:225 Resp: 90648

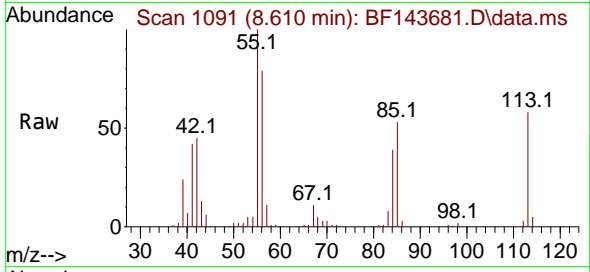
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.4	50.8	76.2



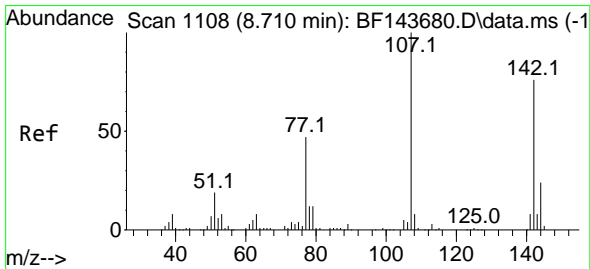
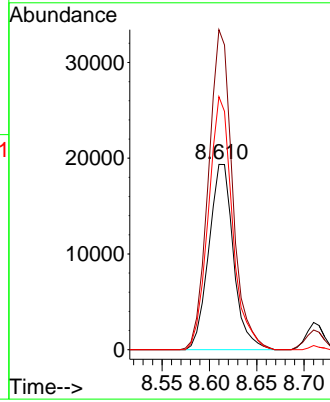
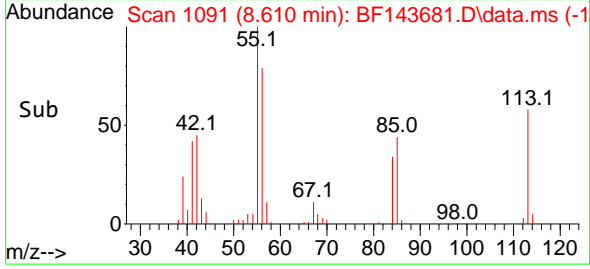


#35  
 Caprolactam  
 Concen: 47.468 ng  
 RT: 8.610 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

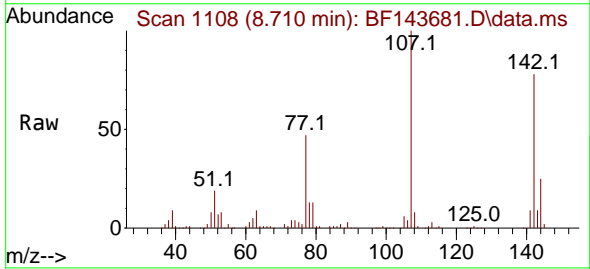
Instrument :  
 BNA\_F  
 ClientSampleId :



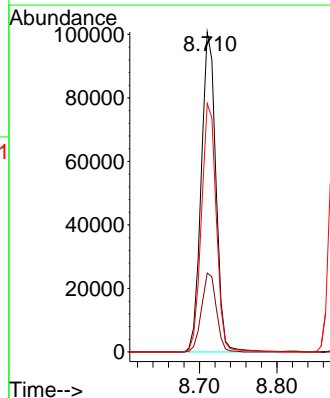
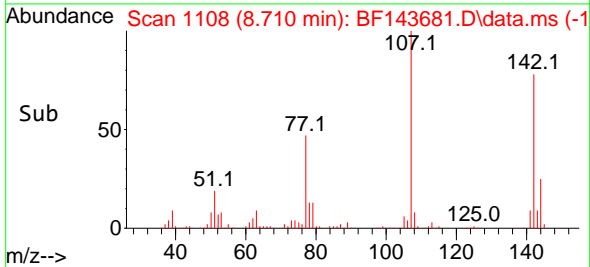
Tgt Ion:113 Resp: 35043  
 Ion Ratio Lower Upper  
 113 100  
 55 172.6 148.9 188.9  
 56 136.5 112.8 152.8

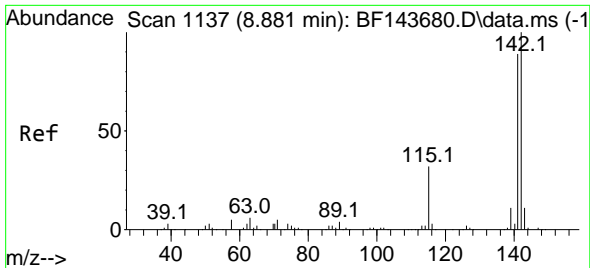


#36  
 4-Chloro-3-methylphenol  
 Concen: 48.427 ng  
 RT: 8.710 min Scan# 1108  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion:107 Resp: 132445  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 19.4 29.2  
 142 77.6 60.6 91.0

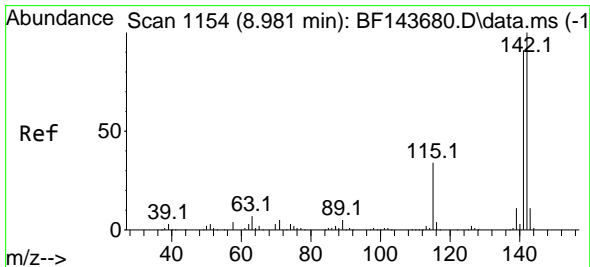
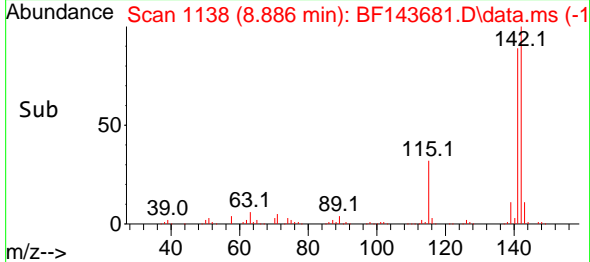
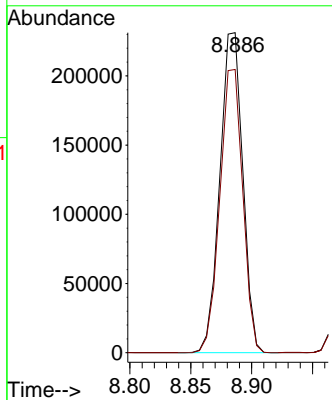
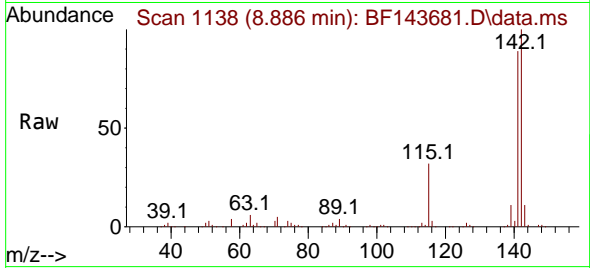




#37  
 2-Methylnaphthalene  
 Concen: 47.734 ng  
 RT: 8.886 min Scan# 1137  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

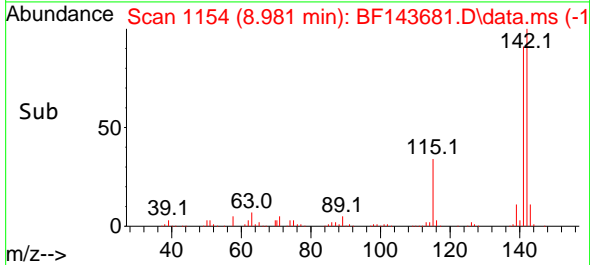
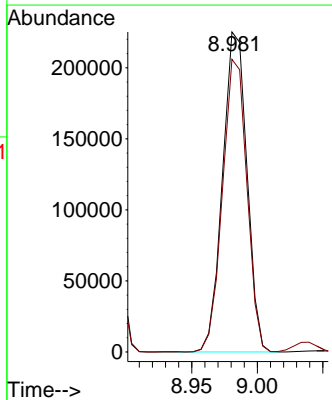
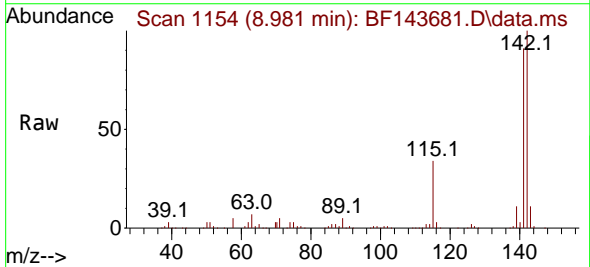
Instrument :  
 BNA\_F  
 ClientSampleId :

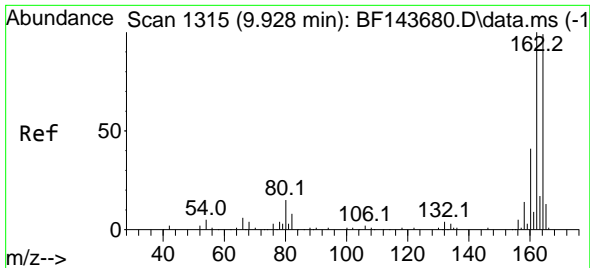
Tgt Ion:142 Resp: 303130  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 71.1 106.7



#38  
 1-Methylnaphthalene  
 Concen: 47.783 ng  
 RT: 8.981 min Scan# 1154  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

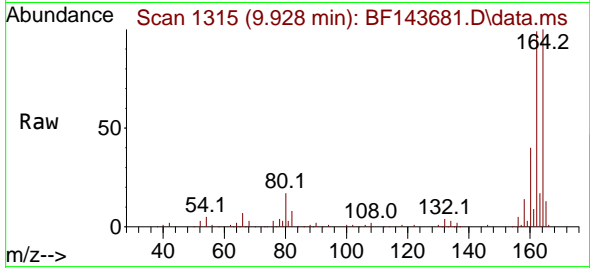
Tgt Ion:142 Resp: 291205  
 Ion Ratio Lower Upper  
 142 100  
 141 91.4 72.9 109.3



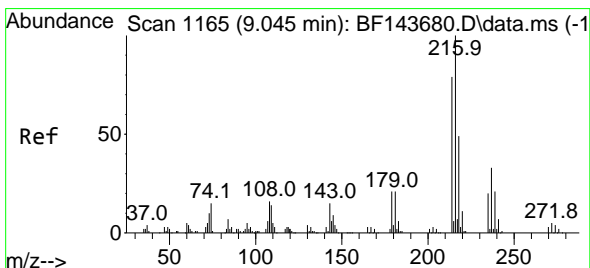
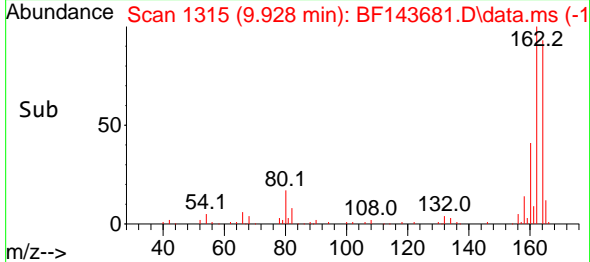
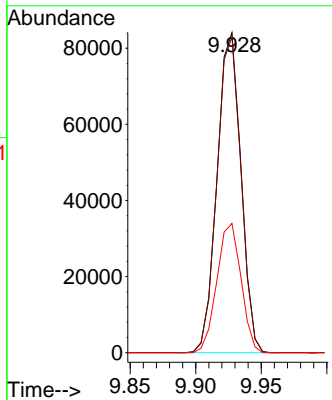


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.928 min Scan# 1116  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

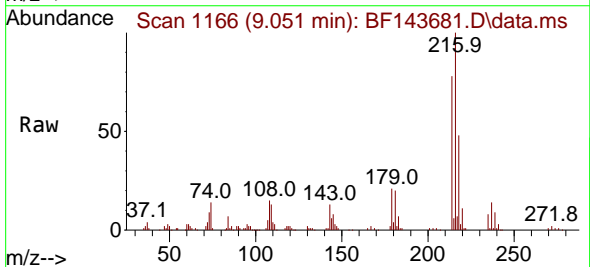
Instrument : BNA\_F  
 ClientSampleId :



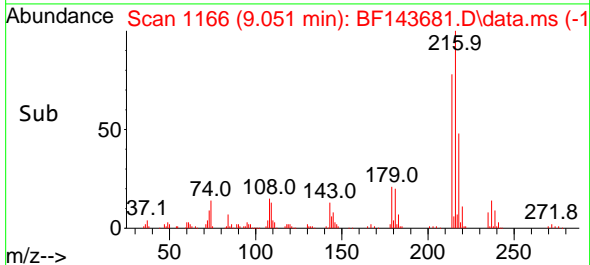
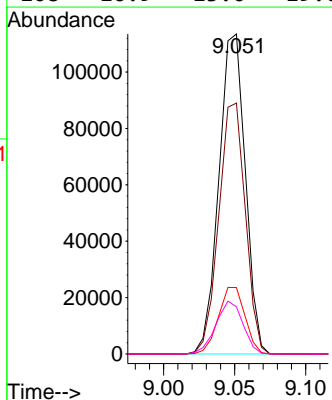
Tgt Ion:164 Resp: 106239  
 Ion Ratio Lower Upper  
 164 100  
 162 98.7 80.6 121.0  
 160 40.4 33.0 49.4

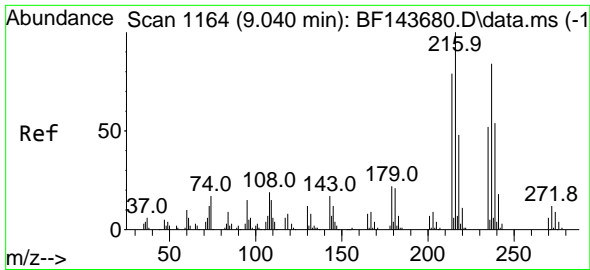


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.228 ng  
 RT: 9.051 min Scan# 1166  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



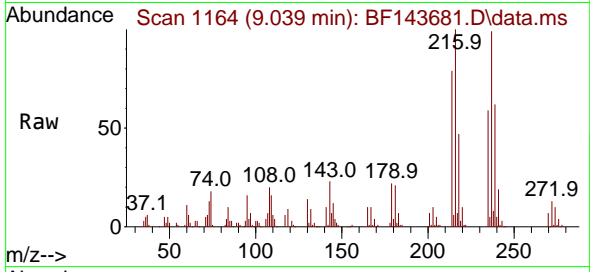
Tgt Ion:216 Resp: 146682  
 Ion Ratio Lower Upper  
 216 100  
 214 78.7 63.2 94.8  
 179 21.0 16.8 25.2  
 108 16.9 13.0 19.6



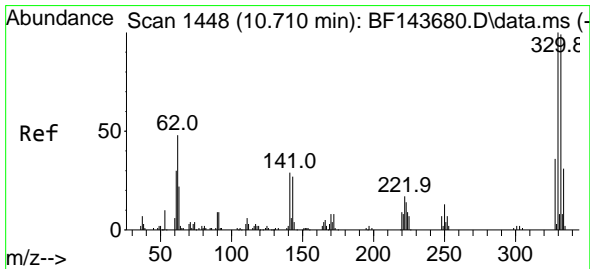
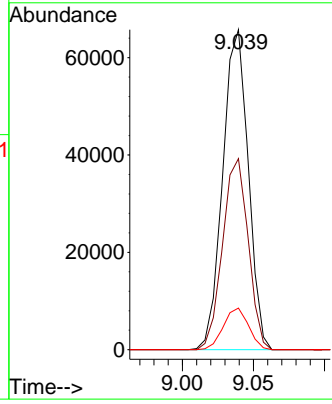
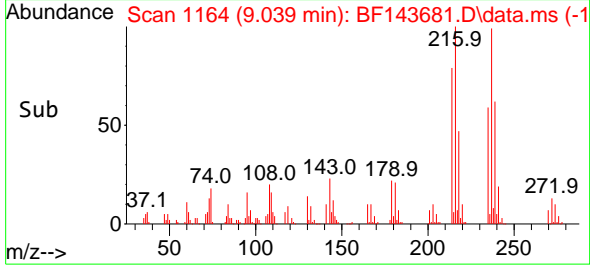


#41  
 Hexachlorocyclopentadiene  
 Concen: 52.522 ng  
 RT: 9.039 min Scan# 1164  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

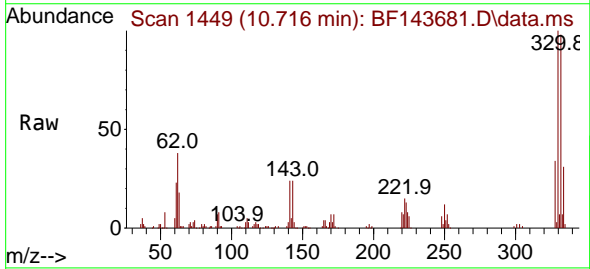
Instrument :  
 BNA\_F  
 ClientSampleId :



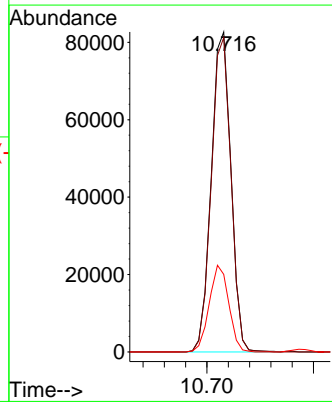
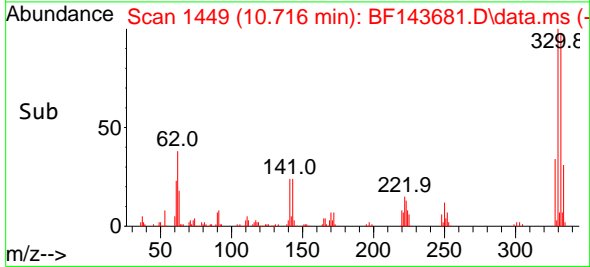
Tgt Ion:237 Resp: 82011  
 Ion Ratio Lower Upper  
 237 100  
 235 59.7 41.6 81.6  
 272 13.0 0.0 33.9



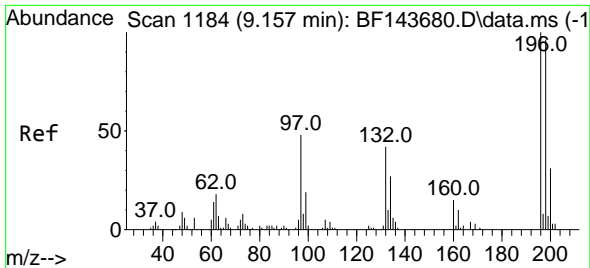
#42  
 2,4,6-Tribromophenol  
 Concen: 98.701 ng  
 RT: 10.716 min Scan# 1449  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion:330 Resp: 105674  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 79.2 118.8  
 141 26.9 22.2 33.4

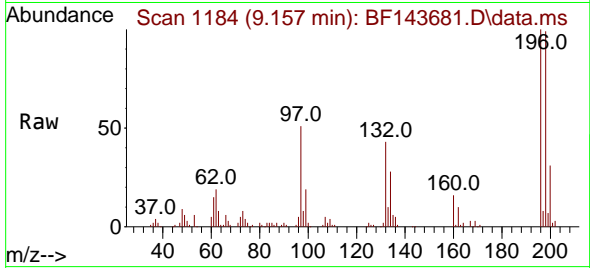




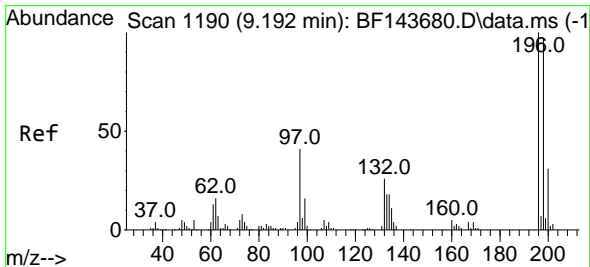
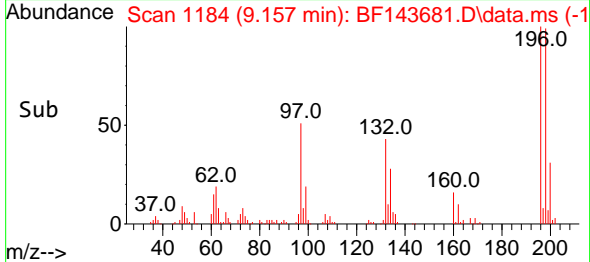
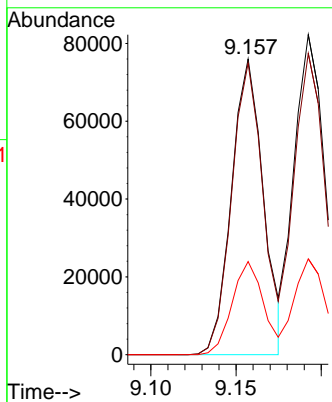


#43  
 2,4,6-Trichlorophenol  
 Concen: 48.683 ng  
 RT: 9.157 min Scan# 1184  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

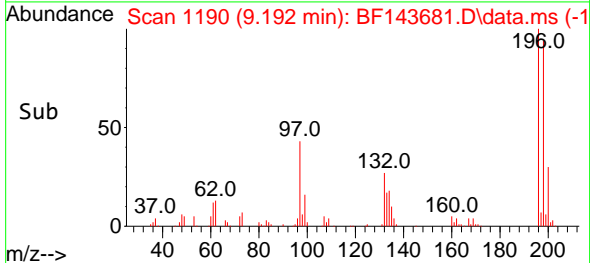
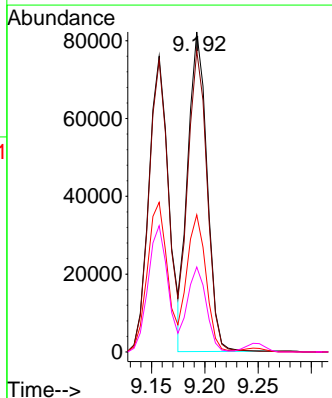
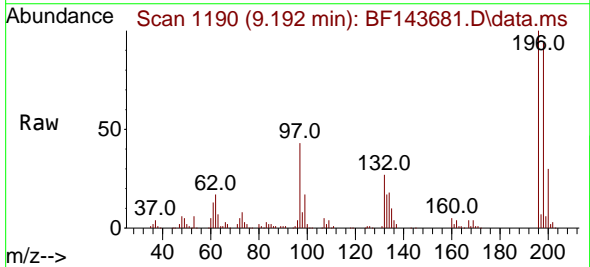


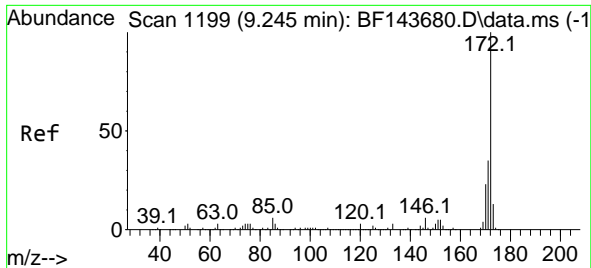
Tgt Ion:196 Resp: 98872  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 76.5 114.7  
 200 31.5 24.5 36.7



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.805 ng  
 RT: 9.192 min Scan# 1190  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

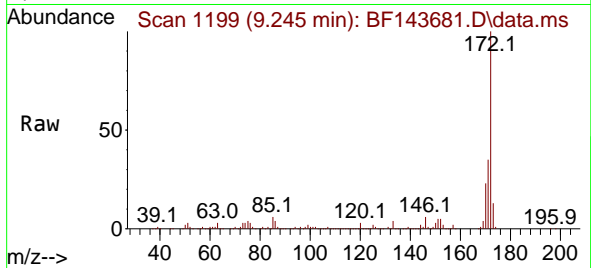
Tgt Ion:196 Resp: 102829  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 77.0 115.6  
 97 42.9 34.2 51.4  
 132 26.6 21.8 32.6



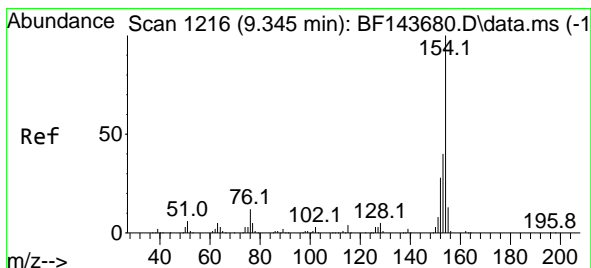
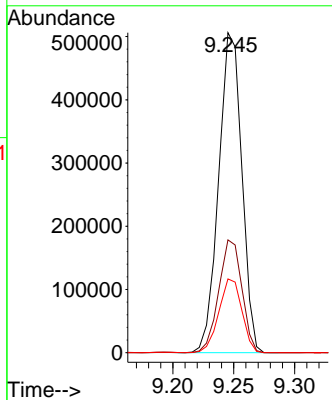
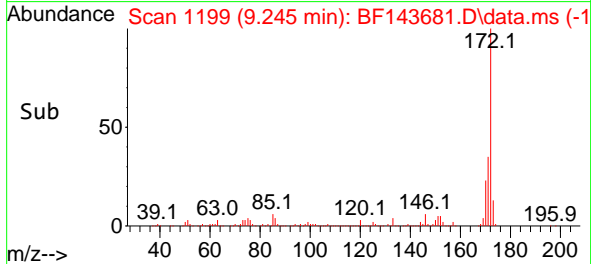


#45  
 2-Fluorobiphenyl  
 Concen: 95.264 ng  
 RT: 9.245 min Scan# 1199  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

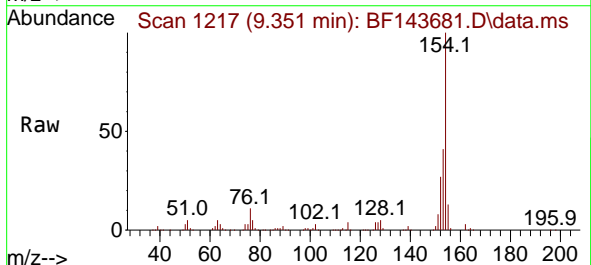
Instrument :  
 BNA\_F  
 ClientSampleId :



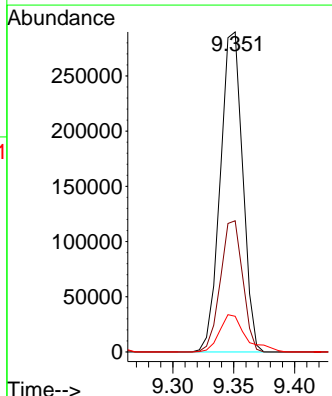
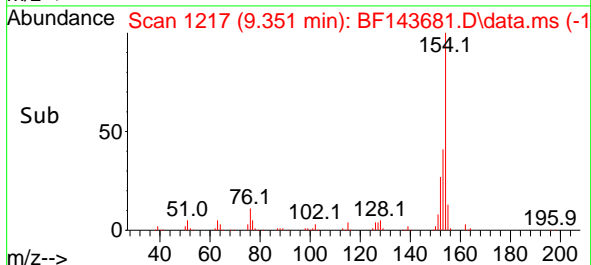
Tgt Ion:172 Resp: 669974  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 27.9 41.9  
 170 23.0 18.6 27.8

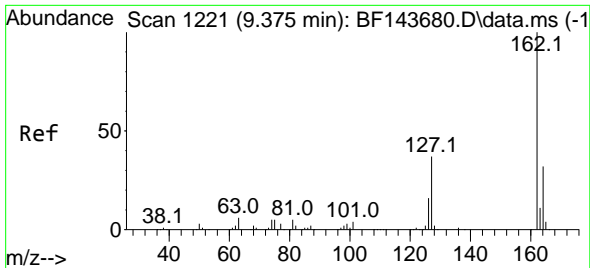


#46  
 1,1'-Biphenyl  
 Concen: 48.416 ng  
 RT: 9.351 min Scan# 1217  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



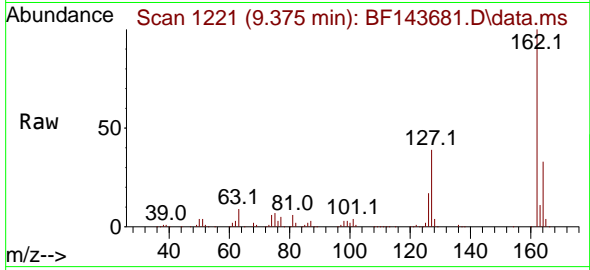
Tgt Ion:154 Resp: 370301  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 20.2 60.2  
 76 11.1 0.0 31.6



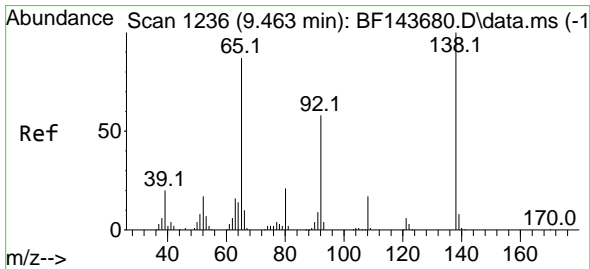
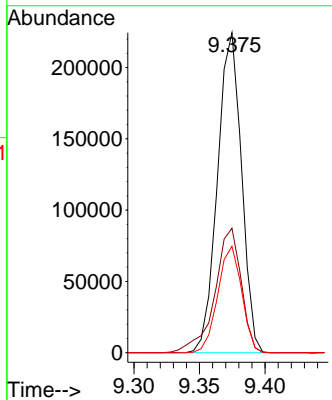
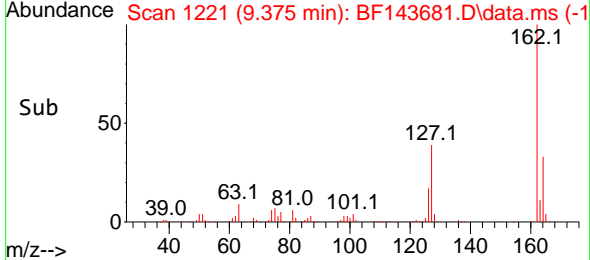


#47  
 2-Chloronaphthalene  
 Concen: 47.625 ng  
 RT: 9.375 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

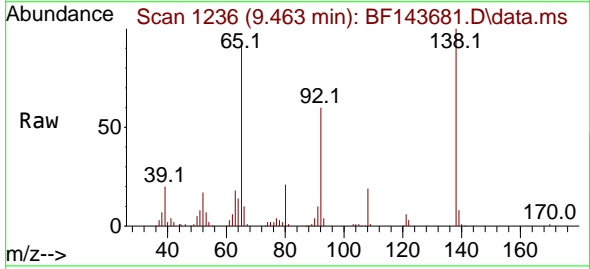
Instrument :  
 BNA\_F  
 ClientSampleId :



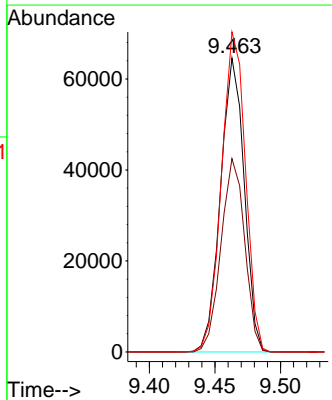
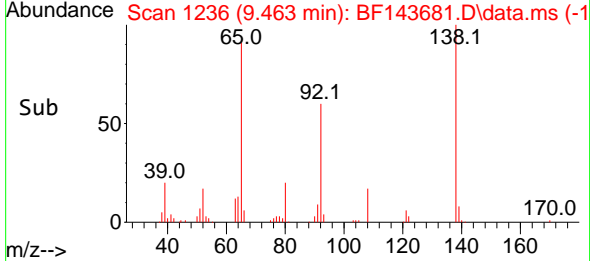
Tgt Ion:162 Resp: 285560  
 Ion Ratio Lower Upper  
 162 100  
 127 38.9 30.6 45.8  
 164 33.3 25.8 38.8

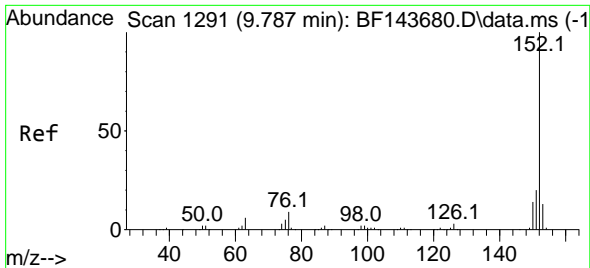


#48  
 2-Nitroaniline  
 Concen: 51.109 ng  
 RT: 9.463 min Scan# 1236  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



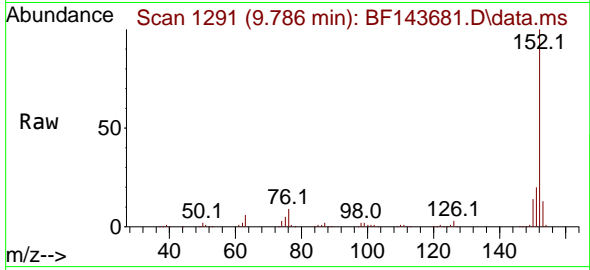
Tgt Ion: 65 Resp: 81098  
 Ion Ratio Lower Upper  
 65 100  
 92 65.8 53.3 79.9  
 138 108.9 92.1 138.1



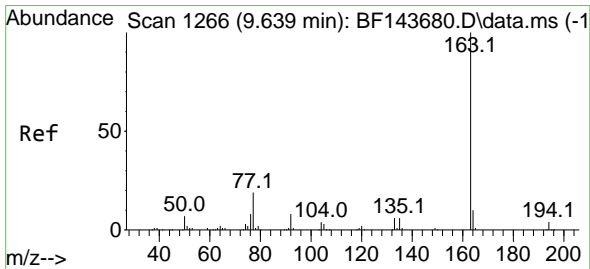
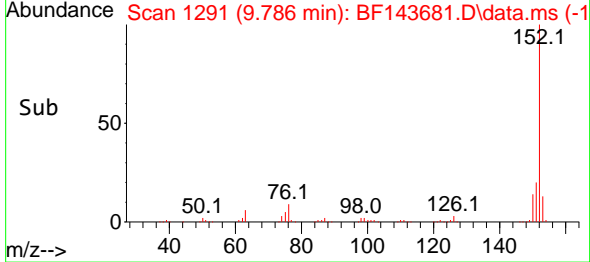
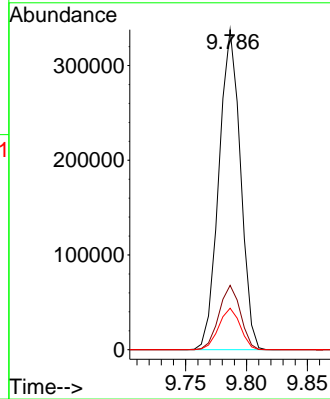


#49  
 Acenaphthylene  
 Concen: 48.437 ng  
 RT: 9.786 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

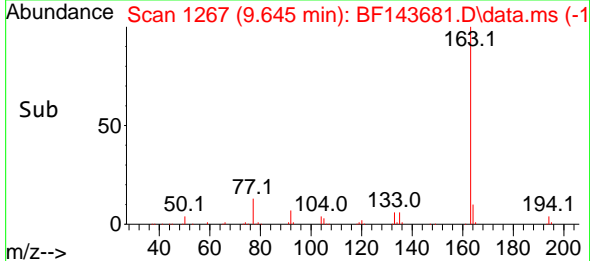
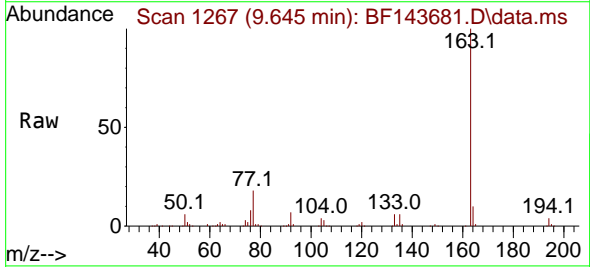
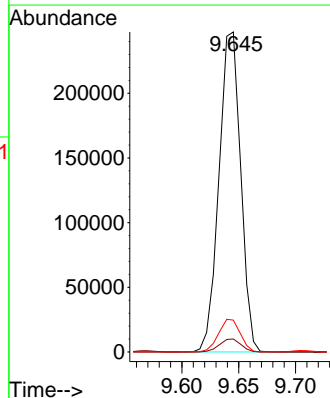


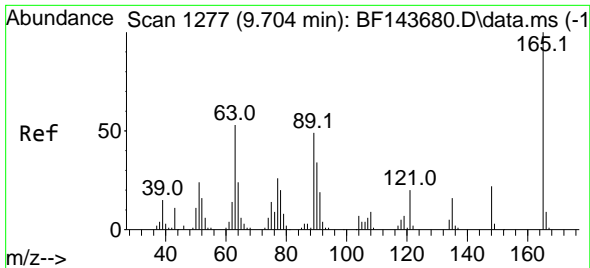
Tgt Ion:152 Resp: 416024  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 15.9 23.9  
 153 12.9 10.4 15.6



#50  
 Dimethylphthalate  
 Concen: 47.644 ng  
 RT: 9.645 min Scan# 1267  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

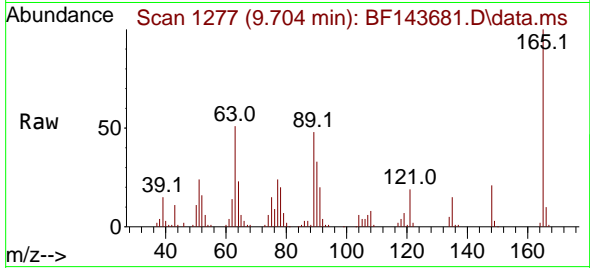
Tgt Ion:163 Resp: 329330  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.4 5.0  
 164 10.0 8.0 12.0



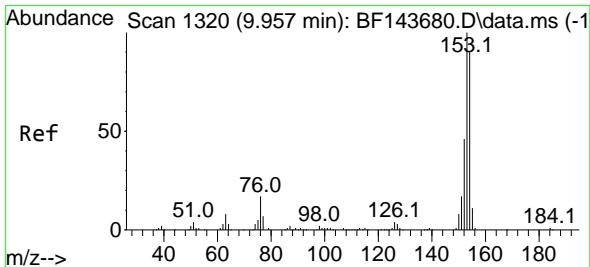
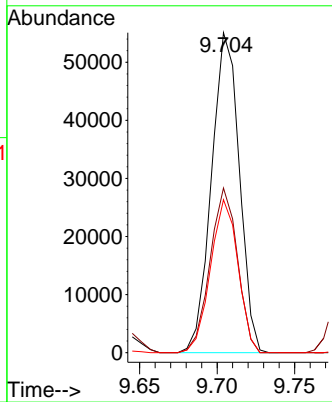
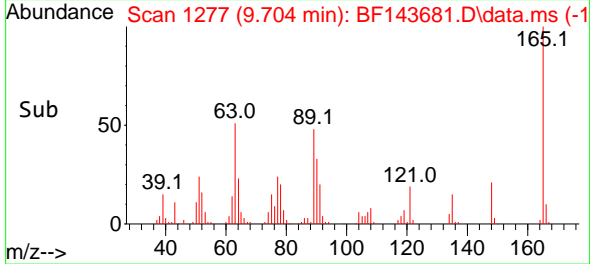


#51  
 2,6-Dinitrotoluene  
 Concen: 52.075 ng  
 RT: 9.704 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

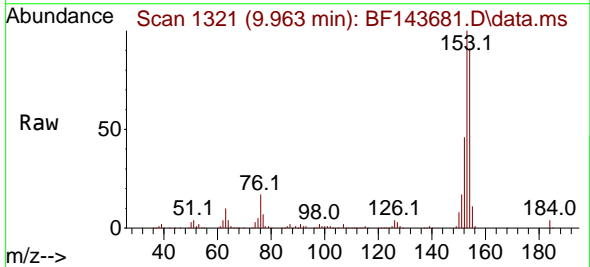
Instrument :  
 BNA\_F  
 ClientSampleId :



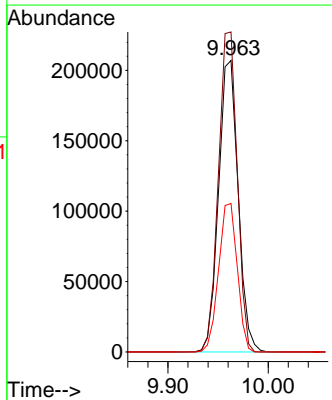
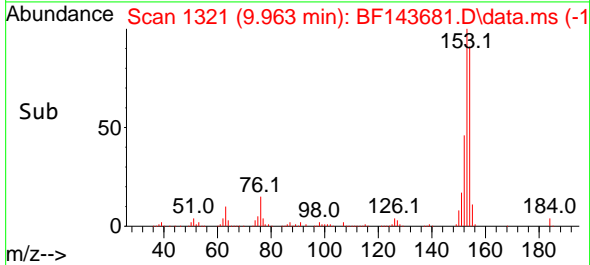
Tgt Ion:165 Resp: 68823  
 Ion Ratio Lower Upper  
 165 100  
 63 51.4 42.2 63.4  
 89 47.8 39.3 58.9

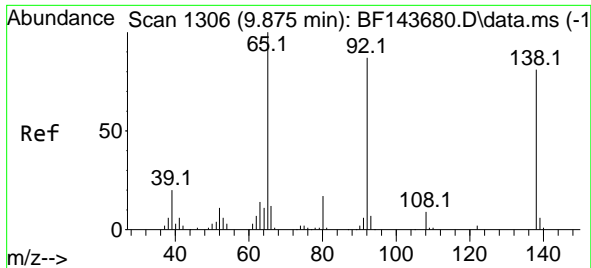


#52  
 Acenaphthene  
 Concen: 47.568 ng  
 RT: 9.963 min Scan# 1321  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



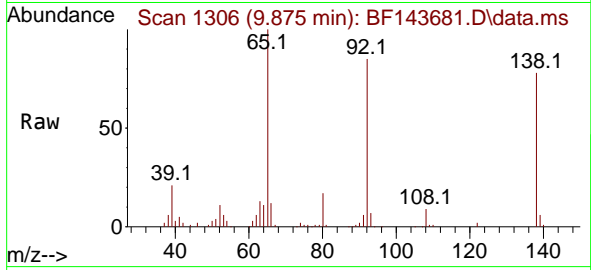
Tgt Ion:154 Resp: 281534  
 Ion Ratio Lower Upper  
 154 100  
 153 109.8 89.4 134.0  
 152 50.9 41.2 61.8



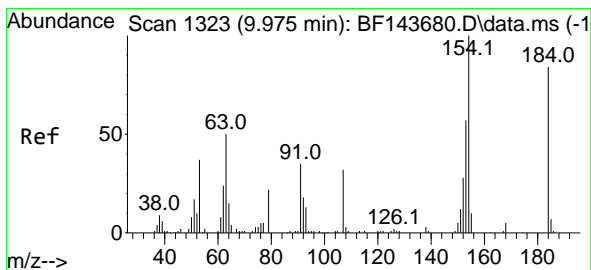
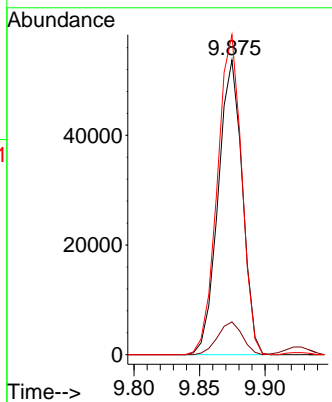
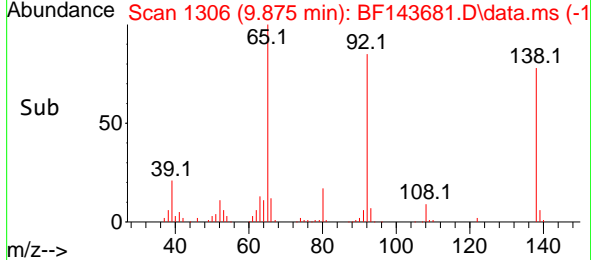


#53  
 3-Nitroaniline  
 Concen: 48.282 ng  
 RT: 9.875 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

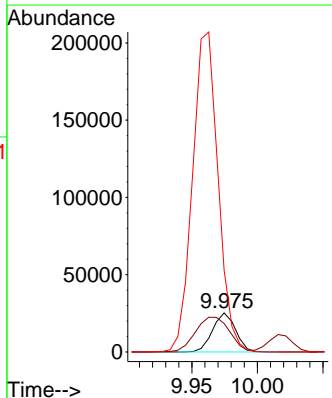
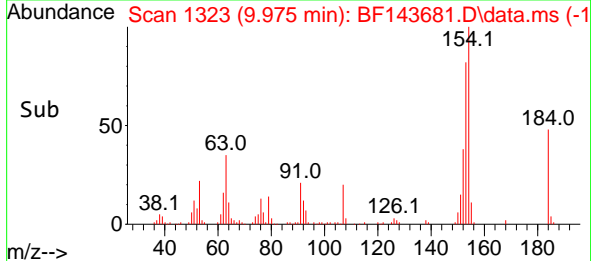
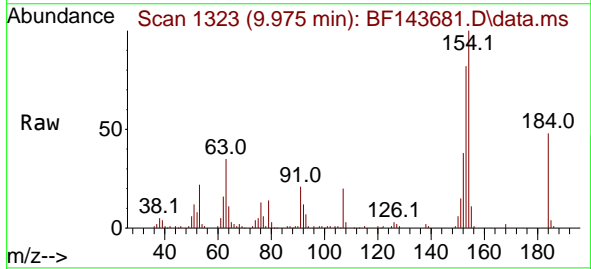


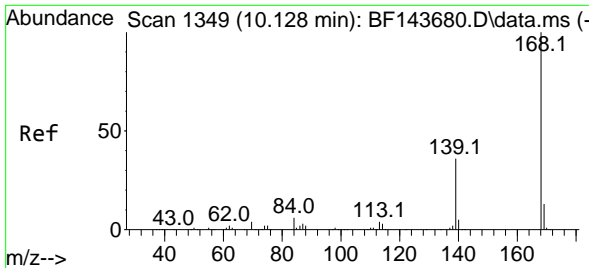
Tgt Ion:138 Resp: 68669  
 Ion Ratio Lower Upper  
 138 100  
 108 11.1 8.6 12.8  
 92 108.6 85.5 128.3



#54  
 2,4-Dinitrophenol  
 Concen: 45.821 ng  
 RT: 9.975 min Scan# 1323  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

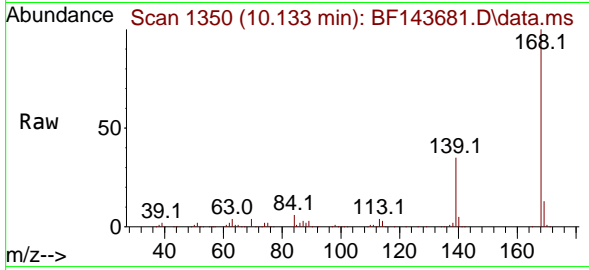
Tgt Ion:184 Resp: 30751  
 Ion Ratio Lower Upper  
 184 100  
 63 72.9 52.7 79.1  
 154 209.5 136.6 204.8#



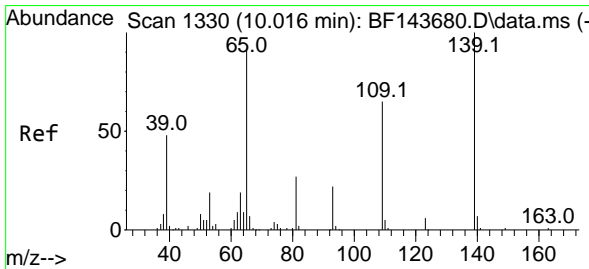
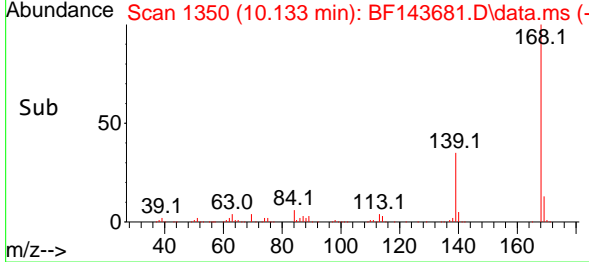
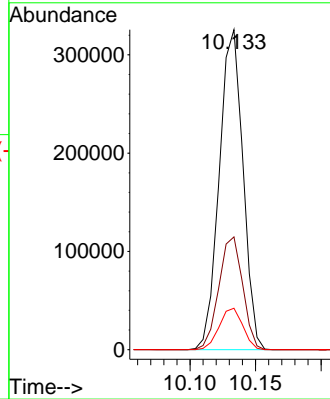


#55  
 Dibenzofuran  
 Concen: 48.023 ng  
 RT: 10.133 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

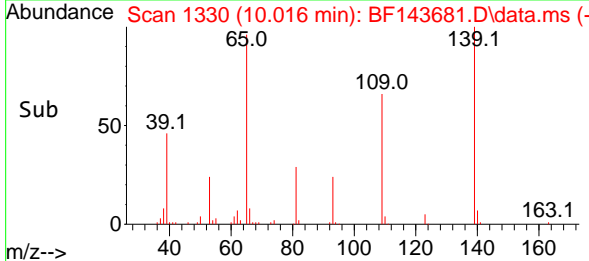
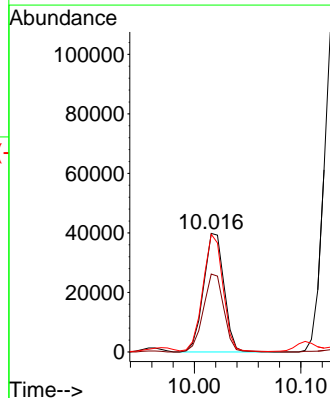
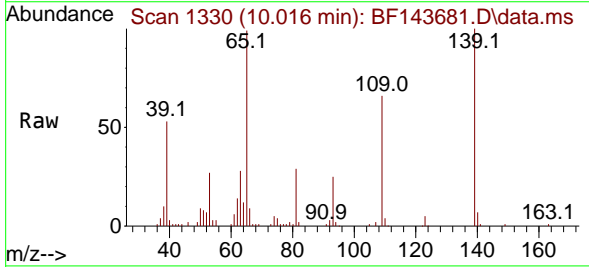


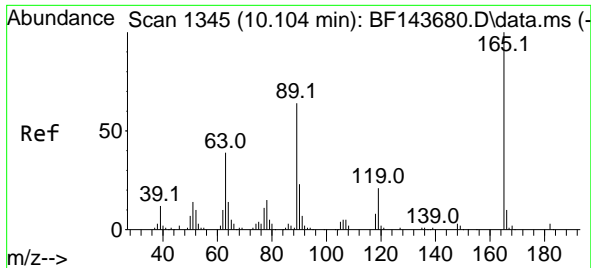
Tgt Ion:168 Resp: 408703  
 Ion Ratio Lower Upper  
 168 100  
 139 35.2 29.0 43.4  
 169 13.0 10.8 16.2



#56  
 4-Nitrophenol  
 Concen: 47.282 ng  
 RT: 10.016 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

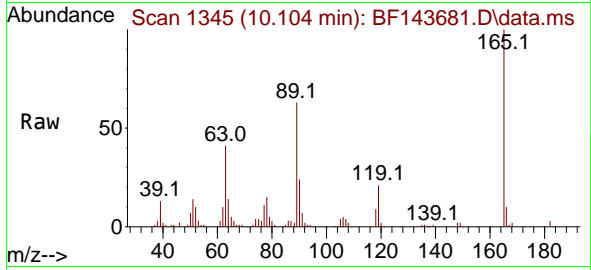
Tgt Ion:139 Resp: 53500  
 Ion Ratio Lower Upper  
 139 100  
 109 65.7 45.2 85.2  
 65 99.3 72.1 112.1





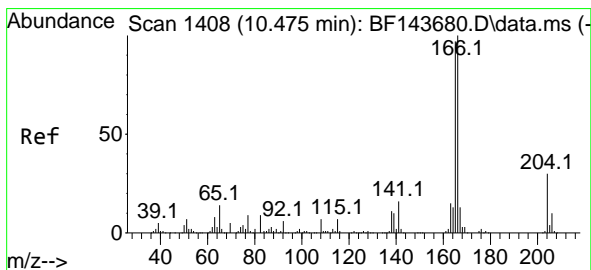
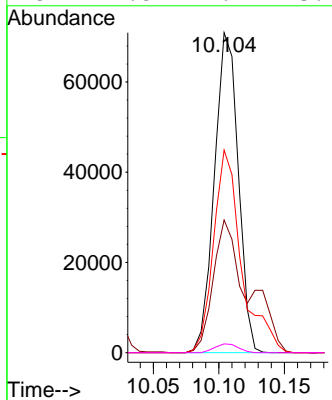
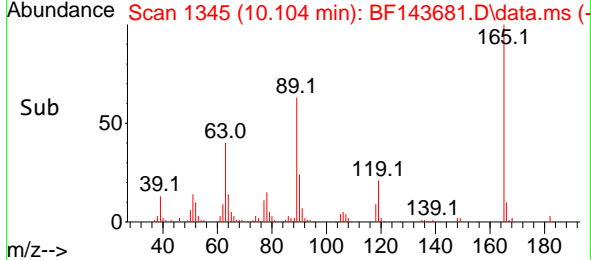
#57  
 2,4-Dinitrotoluene  
 Concen: 49.779 ng  
 RT: 10.104 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

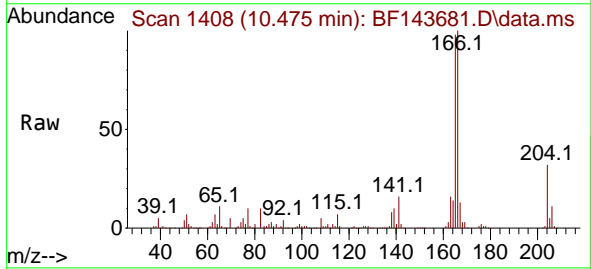


Tgt Ion:165 Resp: 89538

Ion	Ratio	Lower	Upper
165	100		
63	41.5	31.5	47.3
89	63.3	51.3	76.9
182	2.8	2.2	3.4

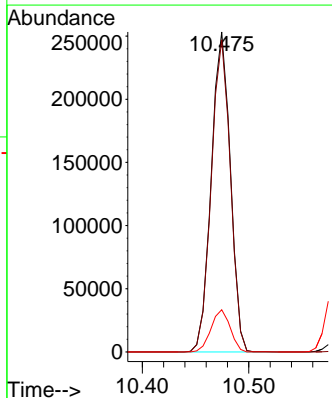
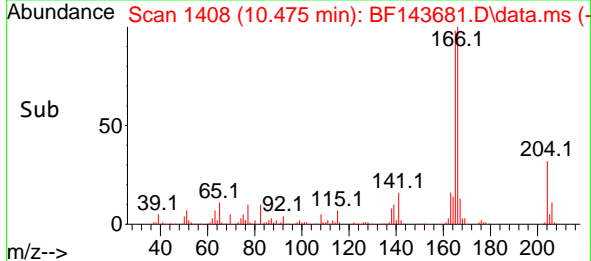


#58  
 Fluorene  
 Concen: 47.321 ng  
 RT: 10.475 min Scan# 1408  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

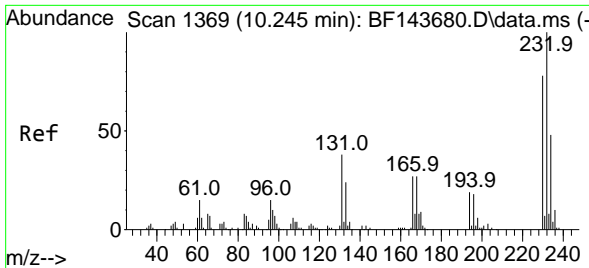


Tgt Ion:166 Resp: 315248

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.5	116.3
167	13.2	10.2	15.2

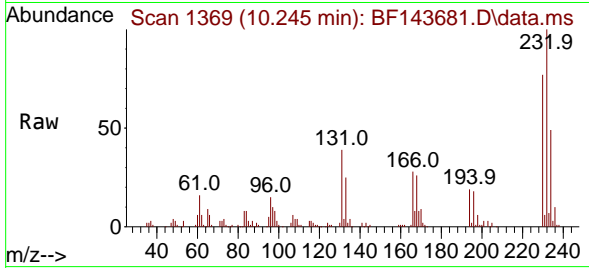




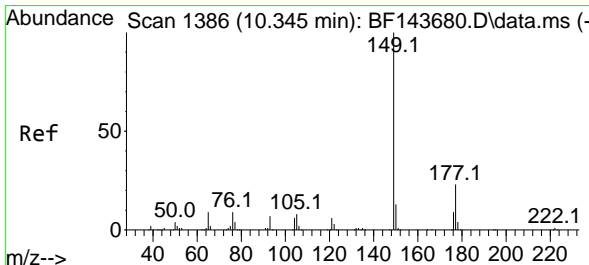
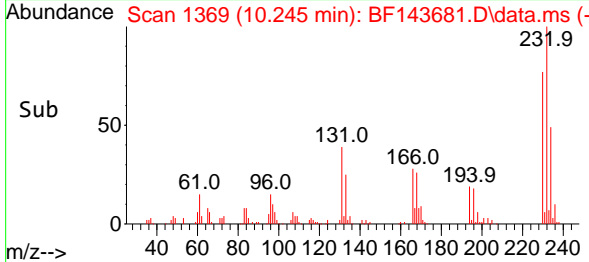
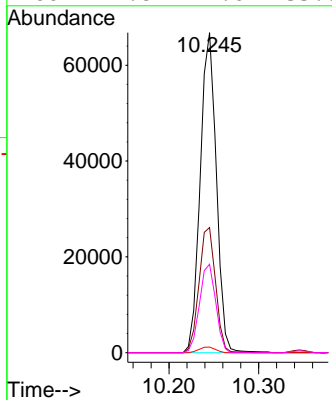


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.723 ng  
 RT: 10.245 min Scan# 1369  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

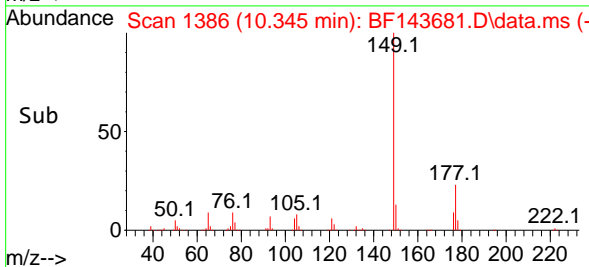
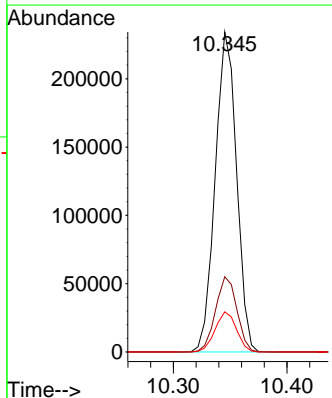
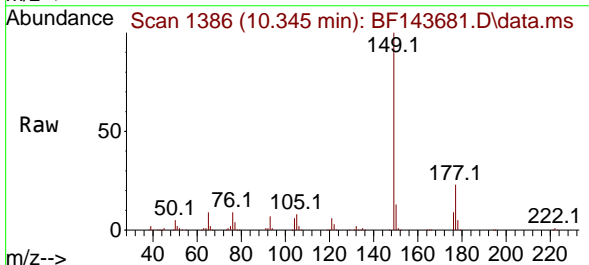


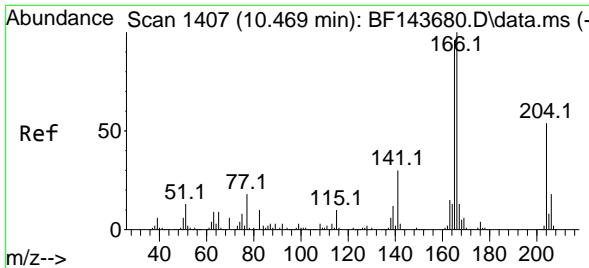
Tgt Ion:232 Resp: 83243  
 Ion Ratio Lower Upper  
 232 100  
 131 40.3 31.9 47.9  
 130 1.8 1.4 2.0  
 166 27.8 22.0 33.0



#60  
 Diethylphthalate  
 Concen: 47.144 ng  
 RT: 10.345 min Scan# 1386  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

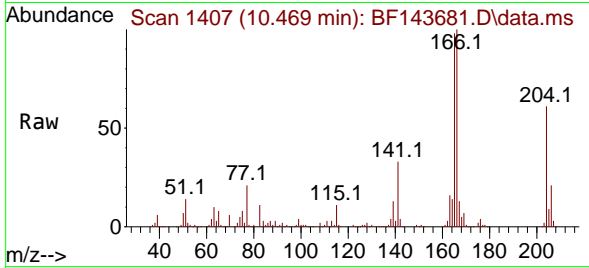
Tgt Ion:149 Resp: 305936  
 Ion Ratio Lower Upper  
 149 100  
 177 23.5 18.2 27.2  
 150 12.5 10.0 15.0



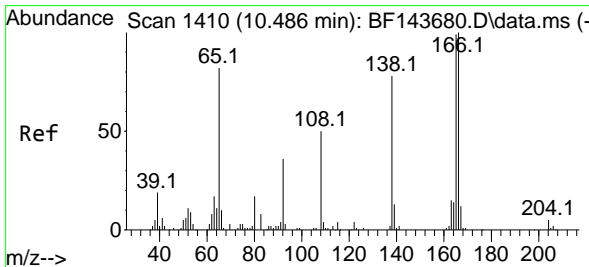
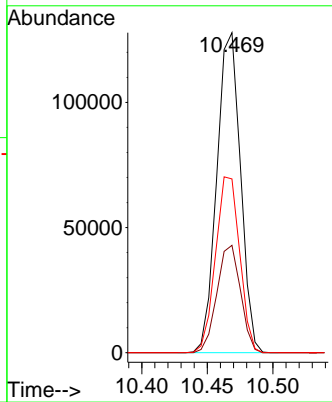
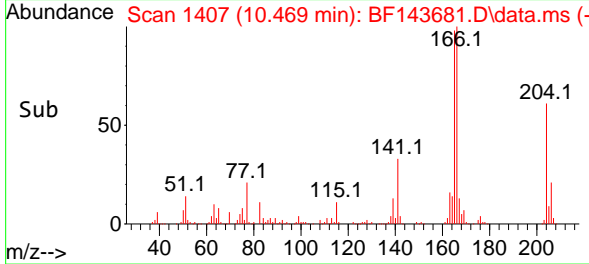


#61  
 4-Chlorophenyl-phenylether  
 Concen: 47.513 ng  
 RT: 10.469 min Scan# 1407  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

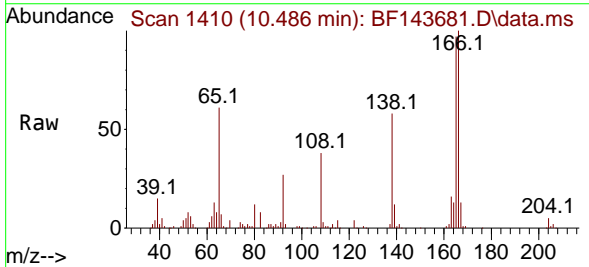
Instrument :  
 BNA\_F  
 ClientSampleId :



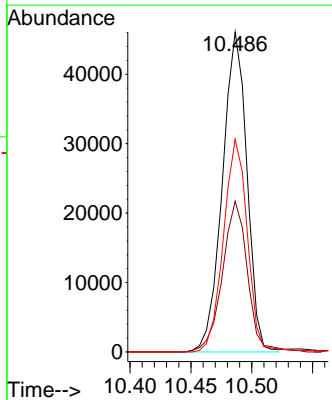
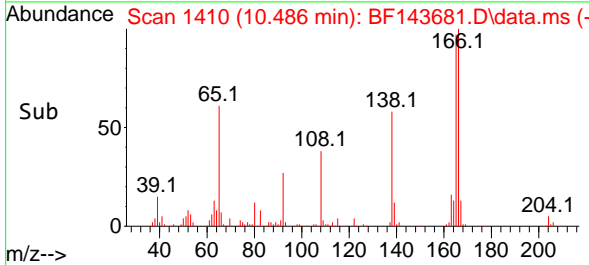
Tgt Ion:204 Resp: 160530  
 Ion Ratio Lower Upper  
 204 100  
 206 33.6 26.0 39.0  
 141 54.3 44.8 67.2

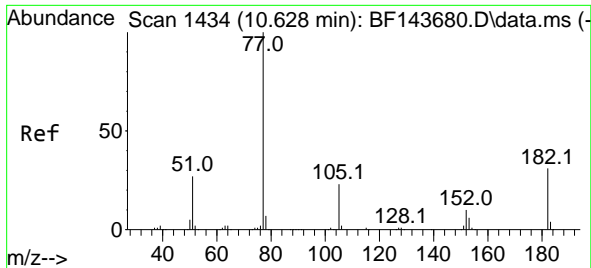


#62  
 4-Nitroaniline  
 Concen: 47.903 ng  
 RT: 10.486 min Scan# 1410  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



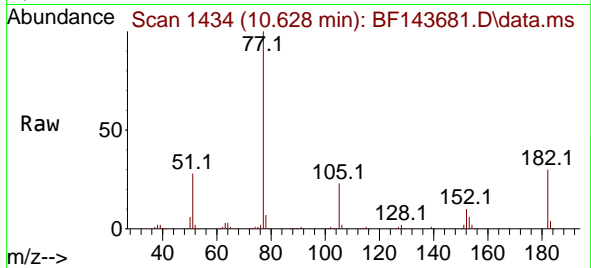
Tgt Ion:138 Resp: 64527  
 Ion Ratio Lower Upper  
 138 100  
 92 47.1 26.4 66.4  
 108 66.5 44.3 84.3



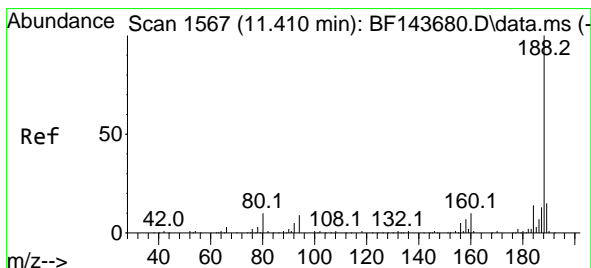
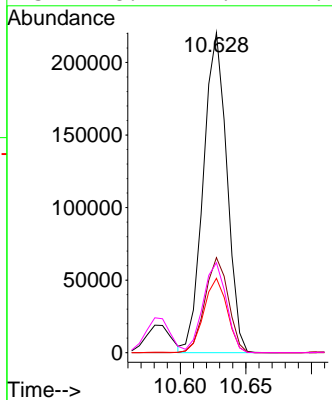
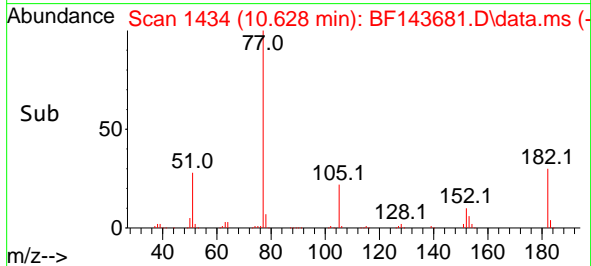


#63  
 Azobenzene  
 Concen: 47.885 ng  
 RT: 10.628 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

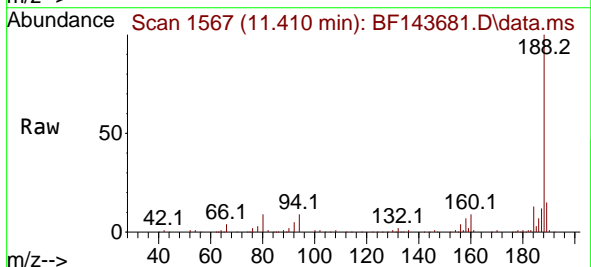
Instrument :  
 BNA\_F  
 ClientSampleId :



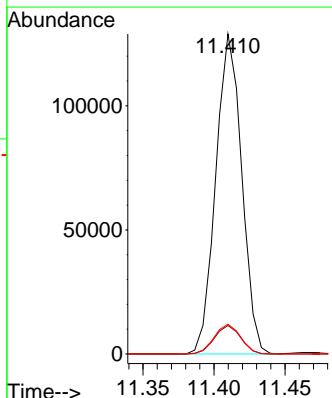
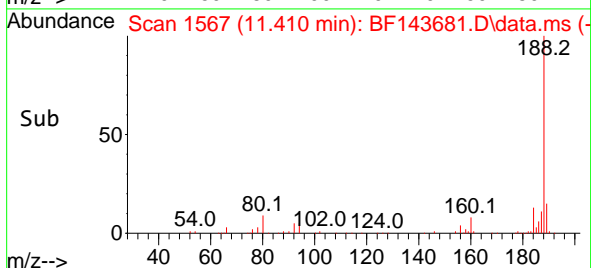
Tgt Ion: 77 Resp: 274716  
 Ion Ratio Lower Upper  
 77 100  
 182 29.7 10.8 50.8  
 105 23.3 3.2 43.2  
 51 28.1 7.7 47.7

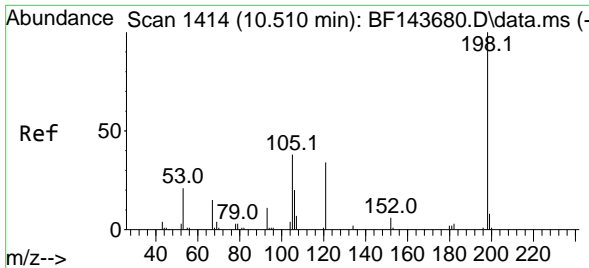


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.410 min Scan# 1567  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



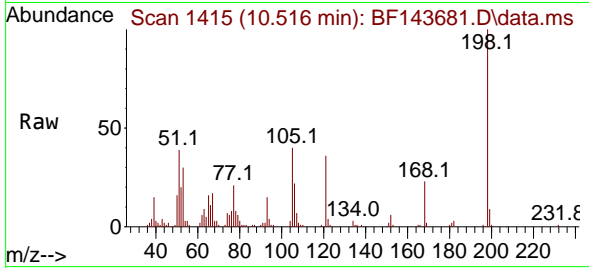
Tgt Ion: 188 Resp: 163693  
 Ion Ratio Lower Upper  
 188 100  
 94 8.9 7.4 11.0  
 80 9.3 7.7 11.5



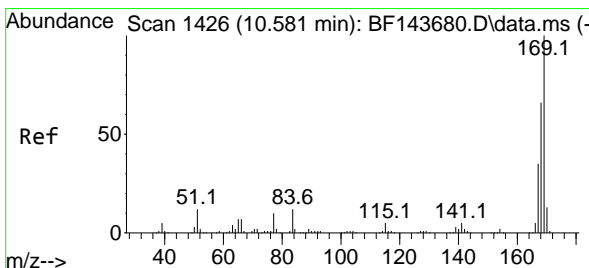
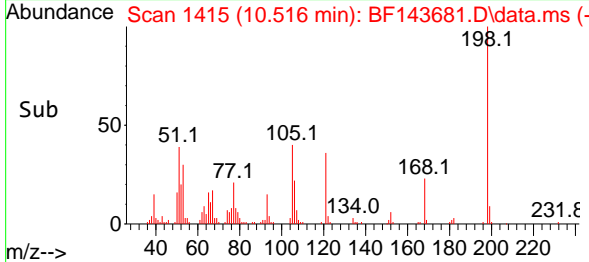
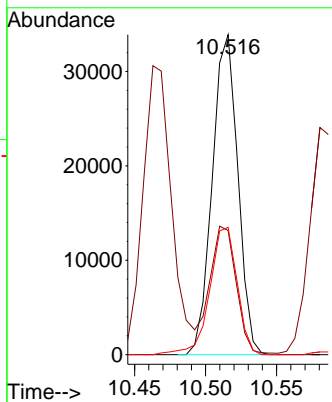


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.854 ng  
 RT: 10.516 min Scan# 1415  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

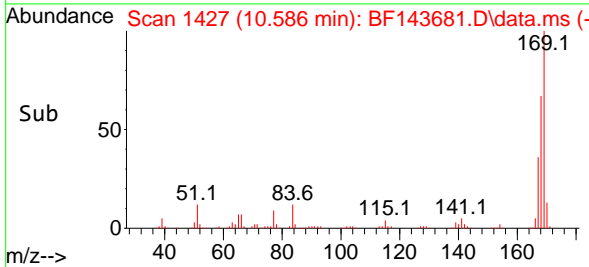
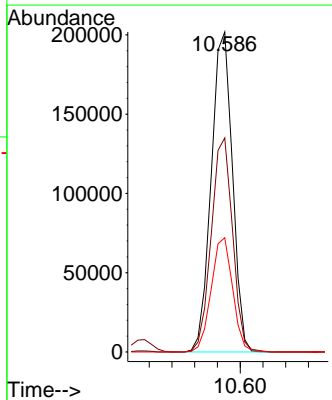
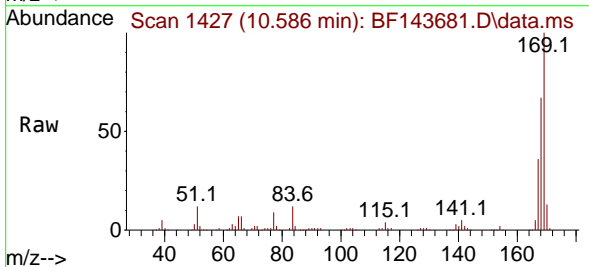


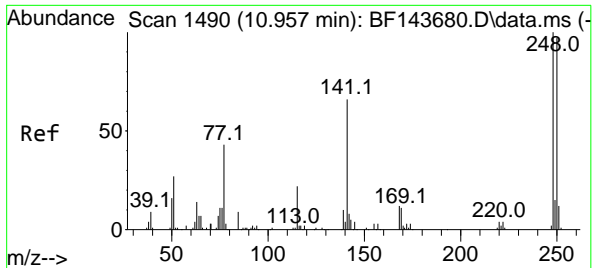
Tgt Ion:198 Resp: 42383  
 Ion Ratio Lower Upper  
 198 100  
 51 38.8 21.2 61.2  
 105 39.8 19.0 59.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 48.778 ng  
 RT: 10.586 min Scan# 1427  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

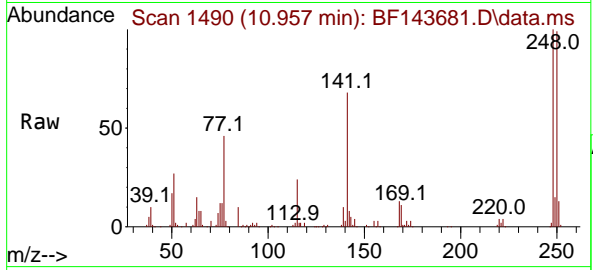
Tgt Ion:169 Resp: 261578  
 Ion Ratio Lower Upper  
 169 100  
 168 66.9 53.0 79.6  
 167 35.7 28.1 42.1





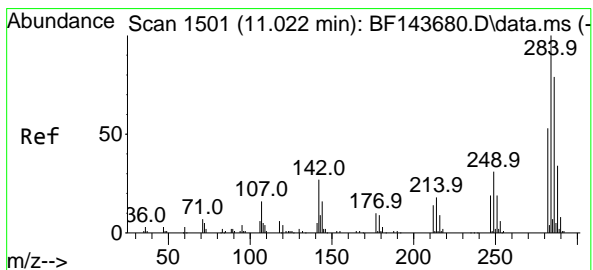
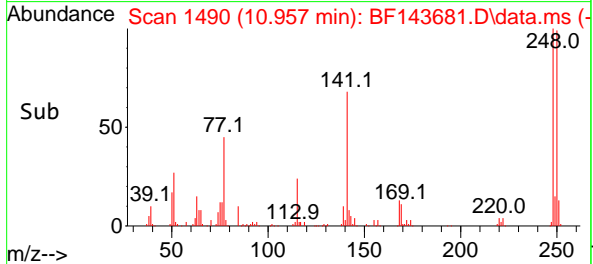
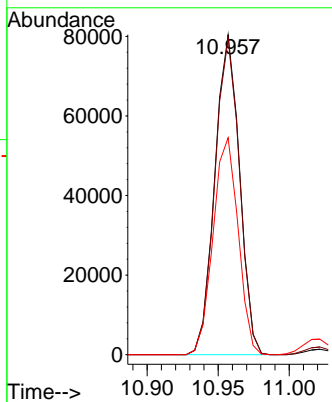
#67  
 4-Bromophenyl-phenylether  
 Concen: 49.338 ng  
 RT: 10.957 min Scan# 1490  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:248 Resp: 97393

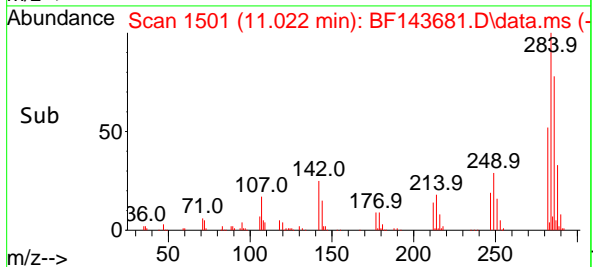
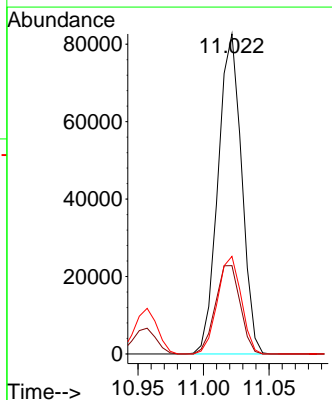
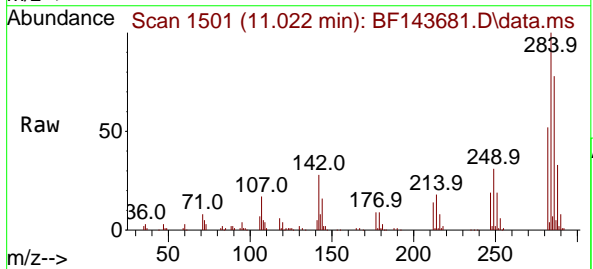
Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.5	116.3
141	67.8	52.6	79.0

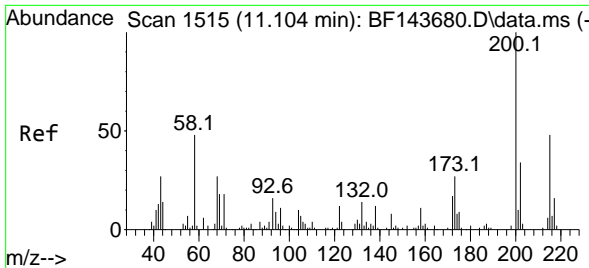


#68  
 Hexachlorobenzene  
 Concen: 49.432 ng  
 RT: 11.022 min Scan# 1501  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:284 Resp: 103033

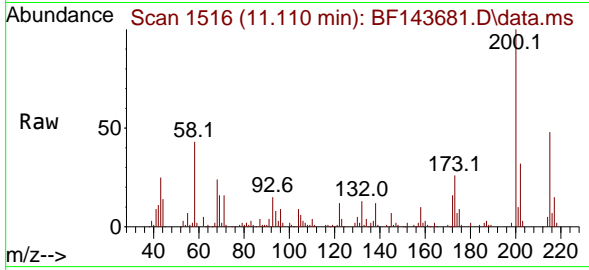
Ion	Ratio	Lower	Upper
284	100		
142	27.6	21.3	31.9
249	30.5	25.0	37.4



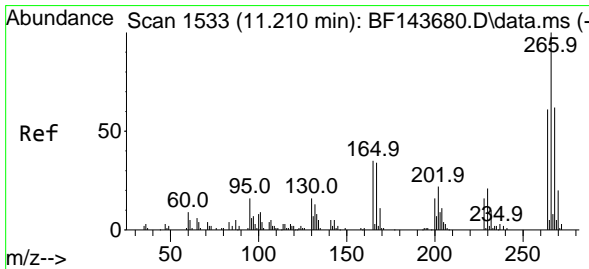
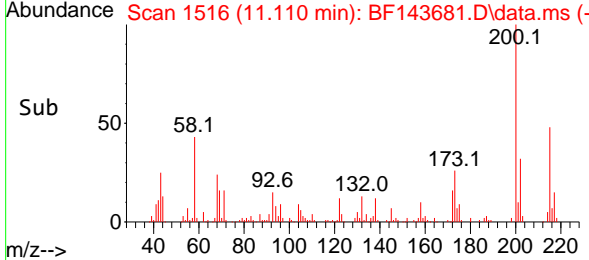
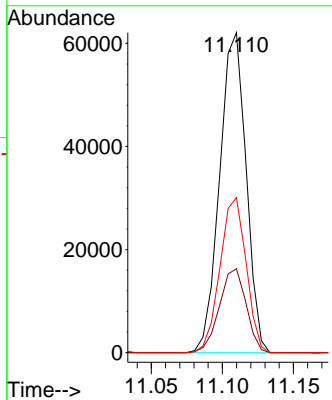


#69  
 Atrazine  
 Concen: 47.821 ng  
 RT: 11.110 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

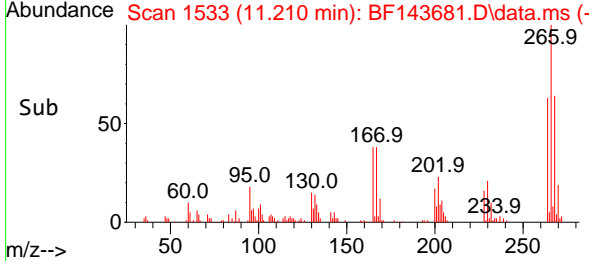
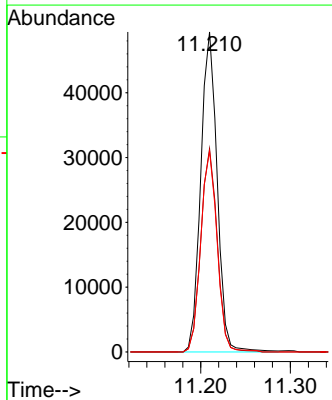
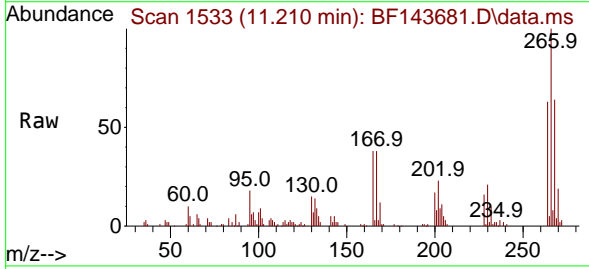


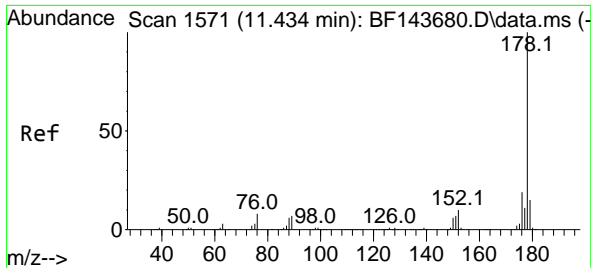
Tgt Ion:200 Resp: 80407  
 Ion Ratio Lower Upper  
 200 100  
 173 26.2 7.3 47.3  
 215 48.5 28.5 68.5



#70  
 Pentachlorophenol  
 Concen: 49.778 ng  
 RT: 11.210 min Scan# 1533  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:266 Resp: 62720  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 49.2 73.8  
 264 62.8 48.6 73.0



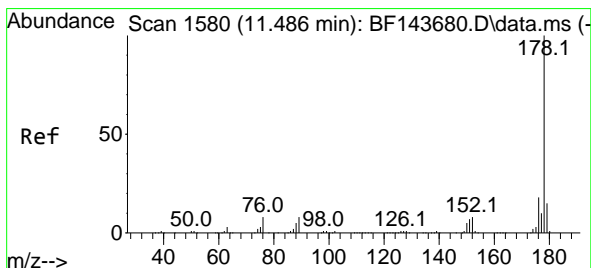
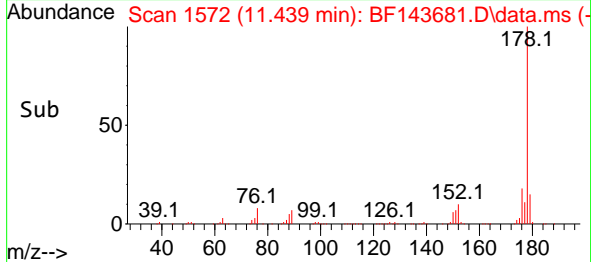
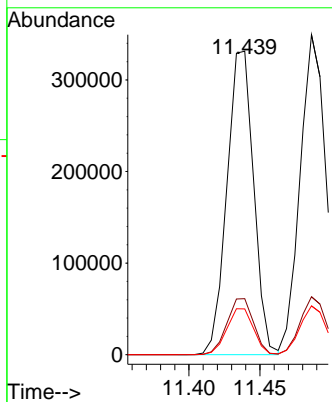
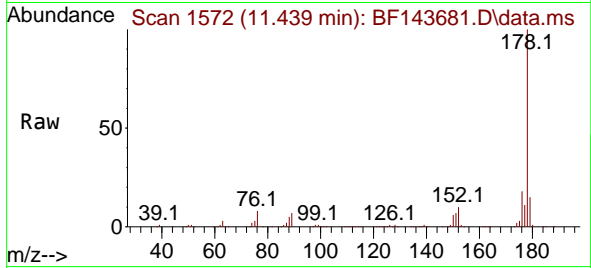


#71  
 Phenanthrene  
 Concen: 48.163 ng  
 RT: 11.439 min Scan# 1571  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

Tgt Ion:178 Resp: 434393

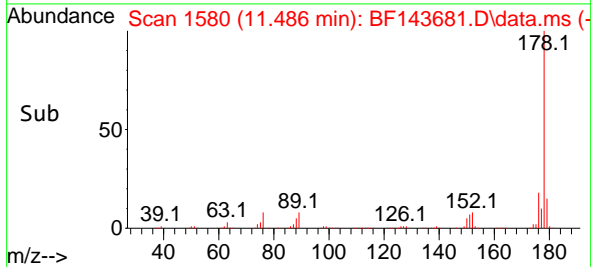
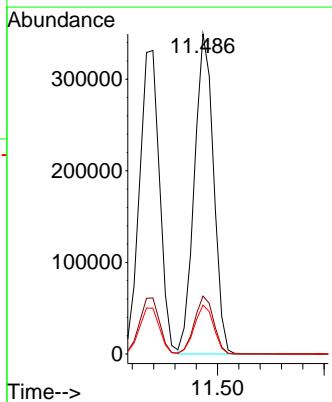
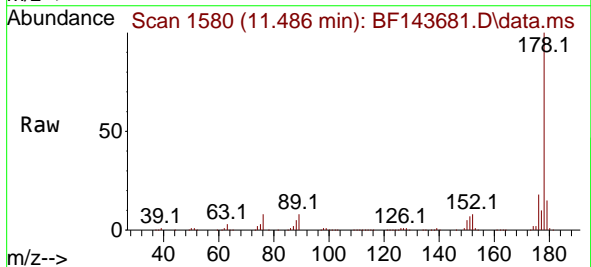
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.2	18.2

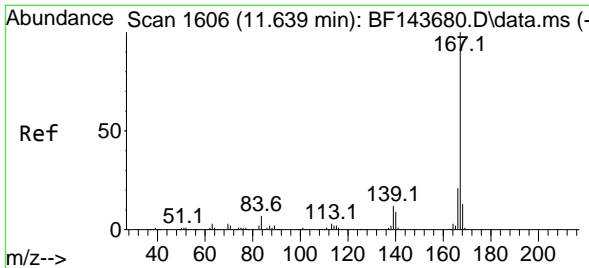


#72  
 Anthracene  
 Concen: 48.295 ng  
 RT: 11.486 min Scan# 1580  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:178 Resp: 437984

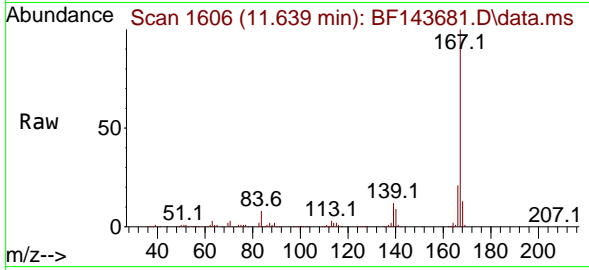
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.2





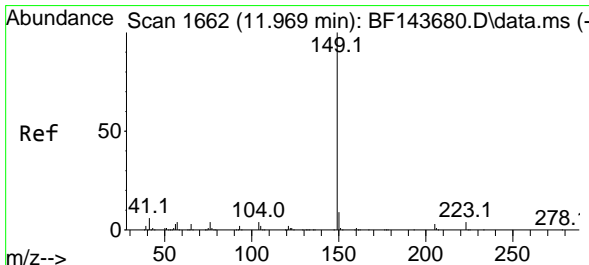
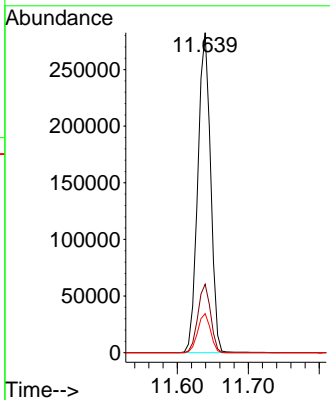
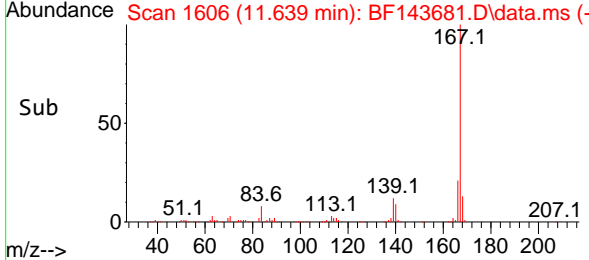
#73  
 Carbazole  
 Concen: 47.696 ng  
 RT: 11.639 min Scan# 1606  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

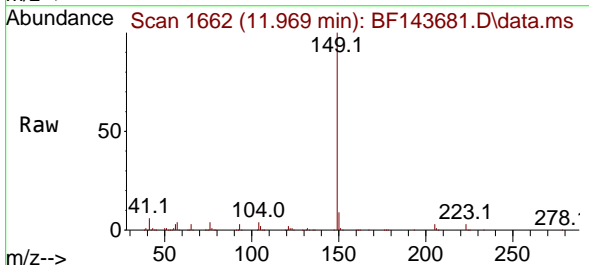


Tgt Ion:167 Resp: 354246

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.2	9.7	14.5

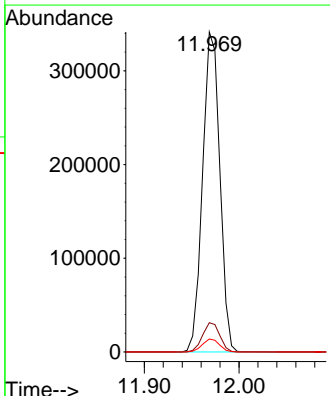
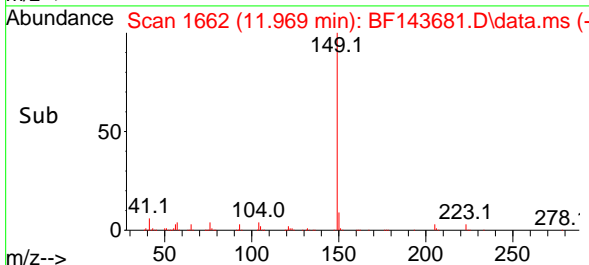


#74  
 Di-n-butylphthalate  
 Concen: 48.289 ng  
 RT: 11.969 min Scan# 1662  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

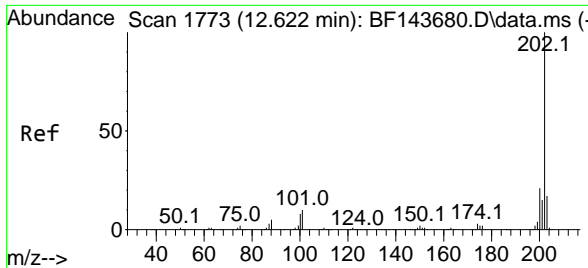


Tgt Ion:149 Resp: 431786

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.0	3.3	4.9

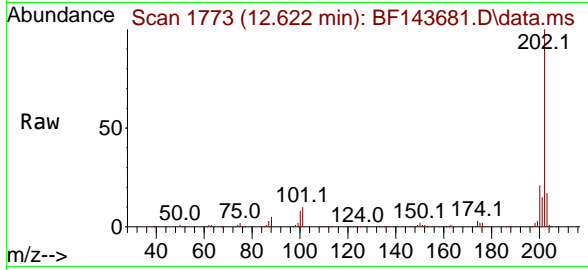






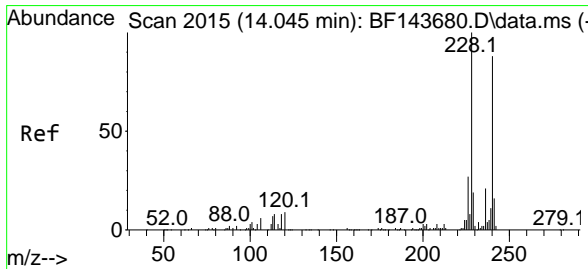
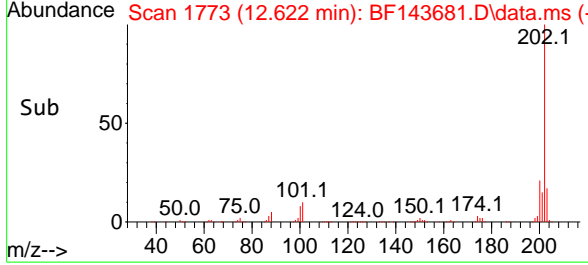
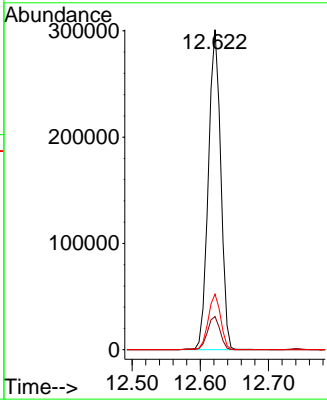
#75  
 Fluoranthene  
 Concen: 45.943 ng  
 RT: 12.622 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

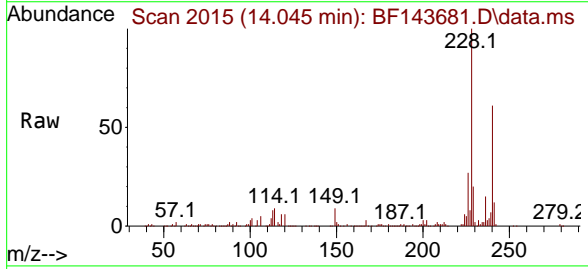


Tgt Ion: 202 Resp: 380399

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.3	0.0	37.1

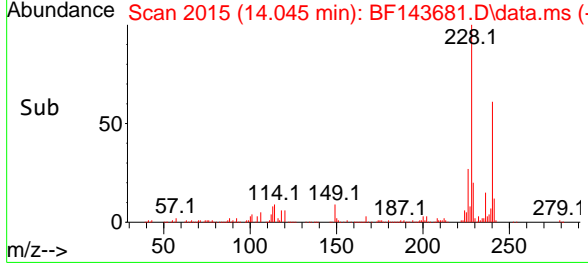
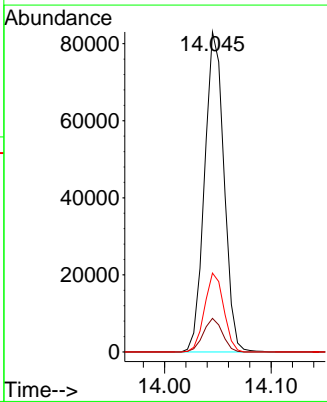


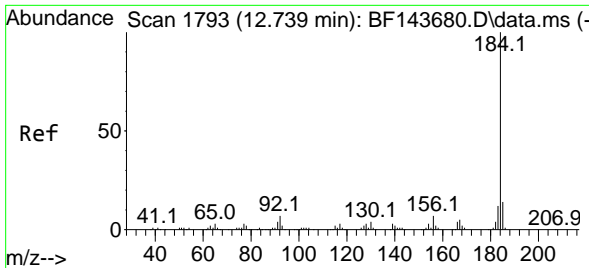
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.045 min Scan# 2015  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion: 240 Resp: 105078

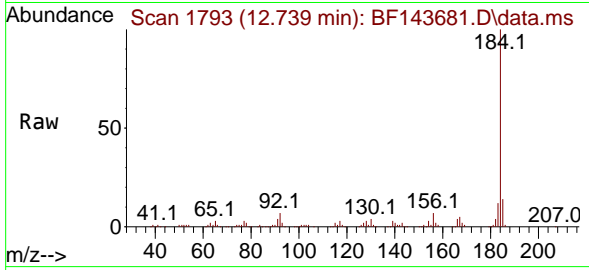
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	24.6	18.6	28.0





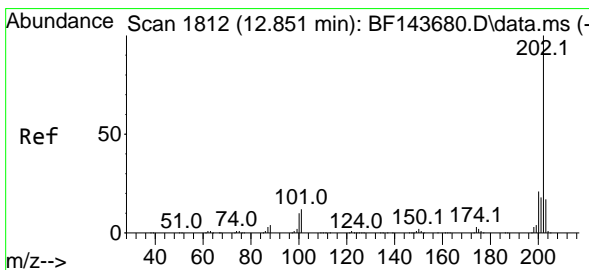
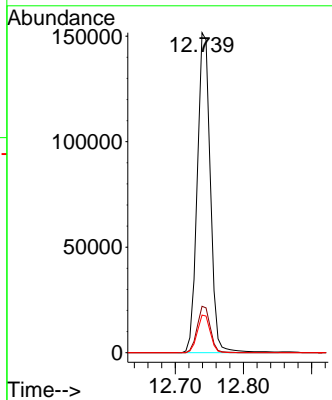
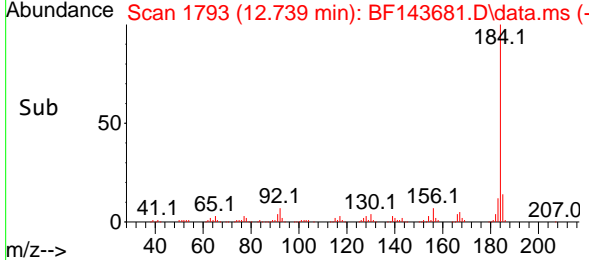
#77  
 Benzidine  
 Concen: 58.999 ng  
 RT: 12.739 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

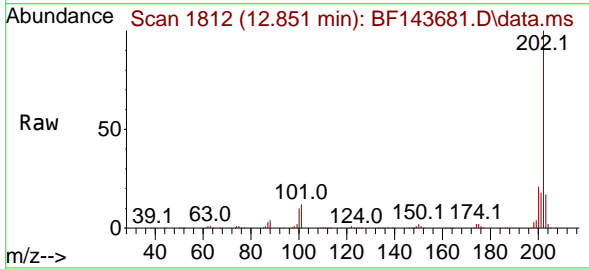


Tgt Ion:184 Resp: 202166

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.8	9.4	14.2

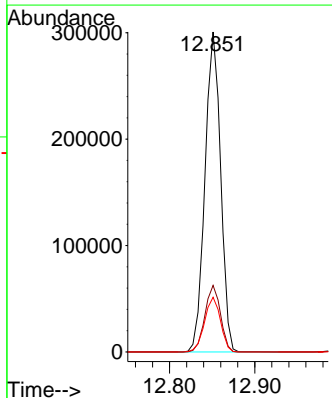
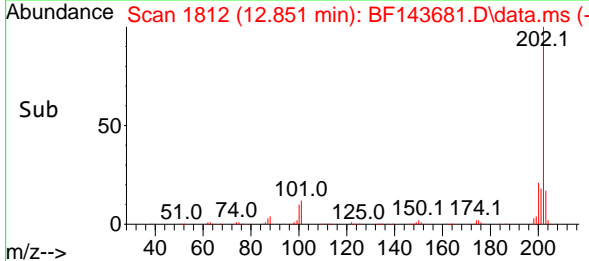


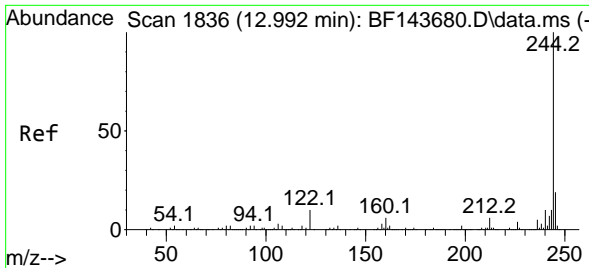
#78  
 Pyrene  
 Concen: 45.628 ng  
 RT: 12.851 min Scan# 1812  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



Tgt Ion:202 Resp: 383337

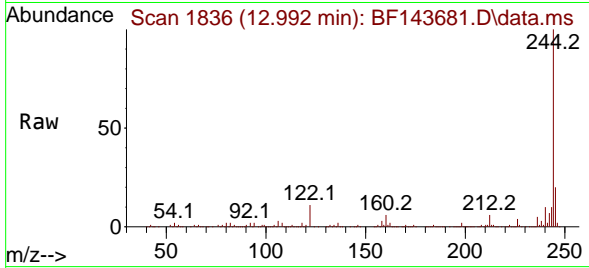
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.1	13.5	20.3



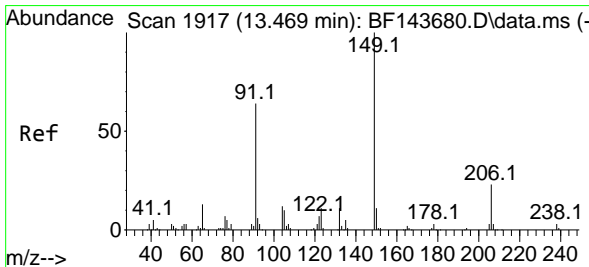
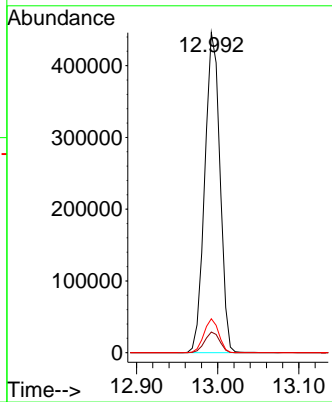
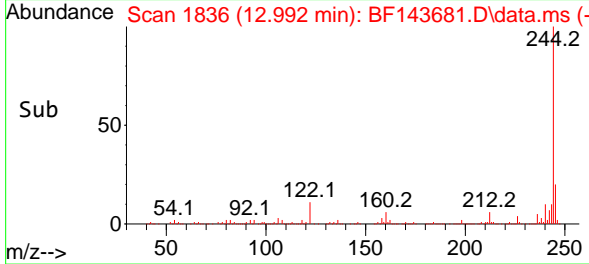


#79  
 Terphenyl-d14  
 Concen: 89.259 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

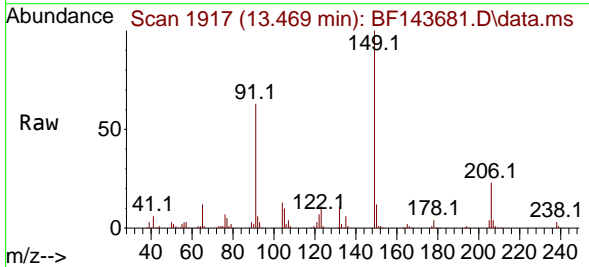
Instrument : BNA\_F  
 ClientSampleId :



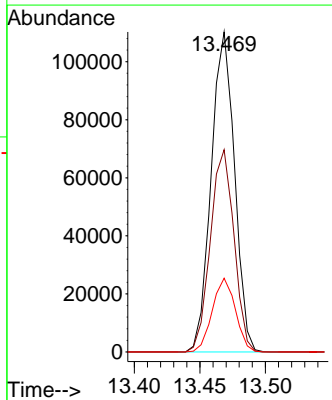
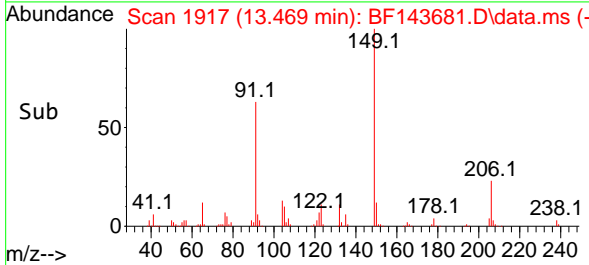
Tgt Ion:244 Resp: 578773  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.6  
 122 10.6 7.9 11.9

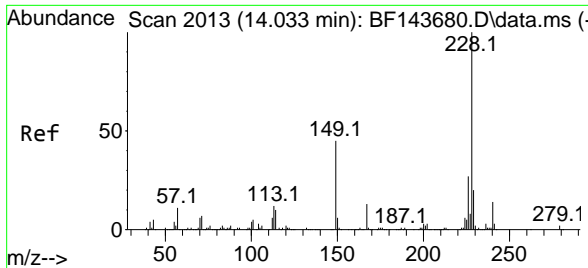


#80  
 Butylbenzylphthalate  
 Concen: 51.832 ng  
 RT: 13.469 min Scan# 1917  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



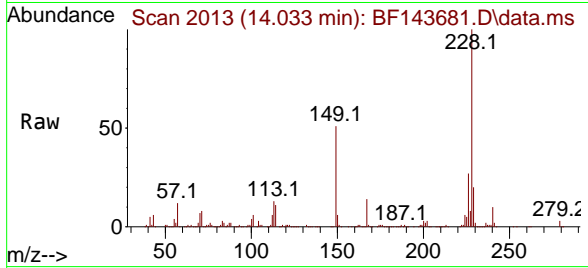
Tgt Ion:149 Resp: 136440  
 Ion Ratio Lower Upper  
 149 100  
 91 63.2 50.9 76.3  
 206 23.0 18.2 27.2



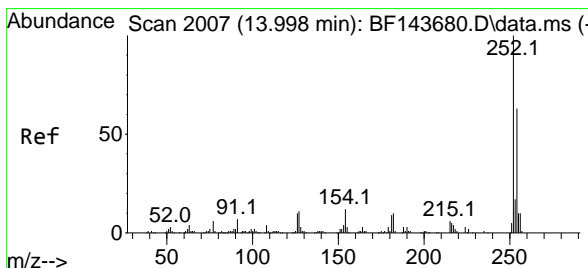
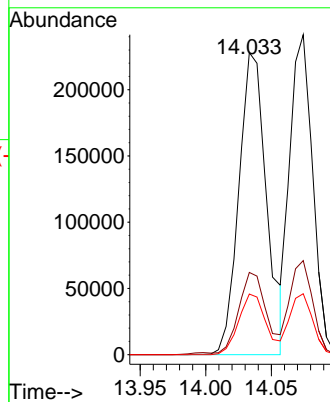
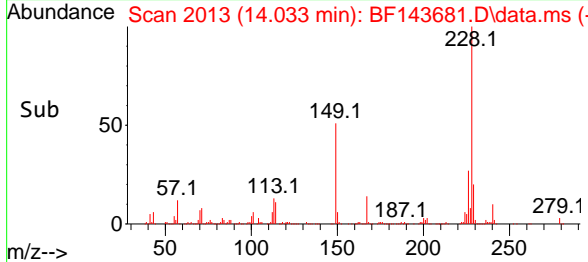


#81  
 Benzo(a)anthracene  
 Concen: 49.650 ng  
 RT: 14.033 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

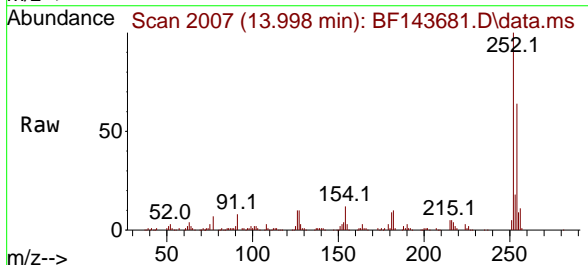
Instrument :  
 BNA\_F  
 ClientSampleId :



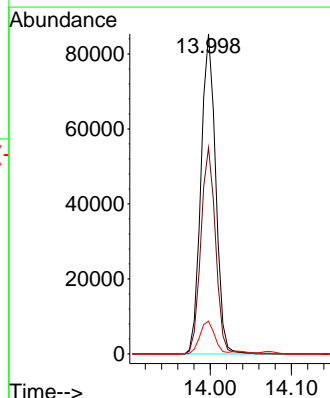
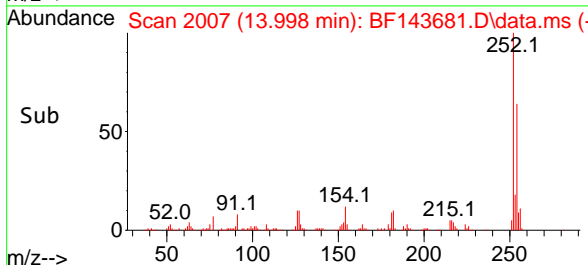
Tgt Ion:228 Resp: 335640  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 21.6 32.4  
 229 20.1 15.7 23.5

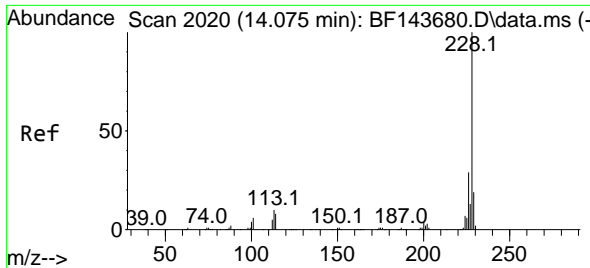


#82  
 3,3'-Dichlorobenzidine  
 Concen: 51.800 ng  
 RT: 13.998 min Scan# 2007  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



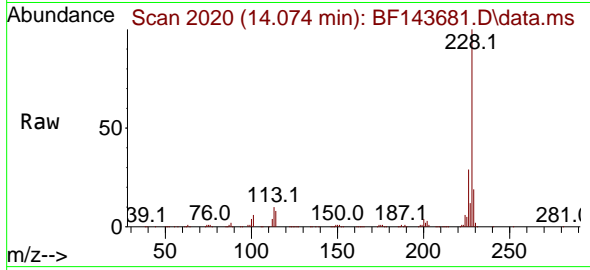
Tgt Ion:252 Resp: 107729  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 50.5 75.7  
 126 10.3 8.2 12.4



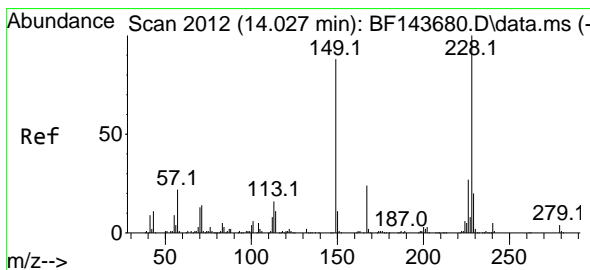
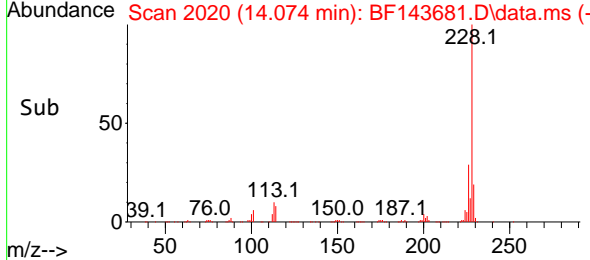
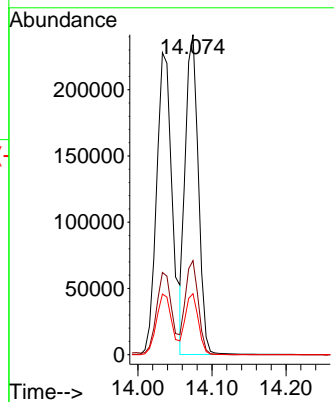


#83  
 Chrysene  
 Concen: 47.470 ng  
 RT: 14.074 min Scan# 2012  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

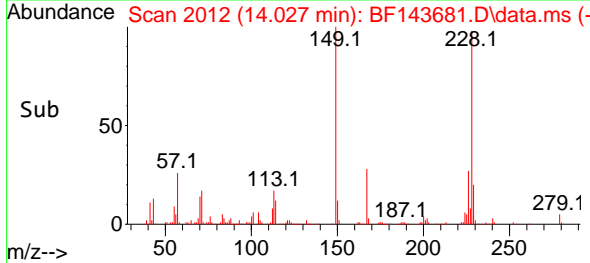
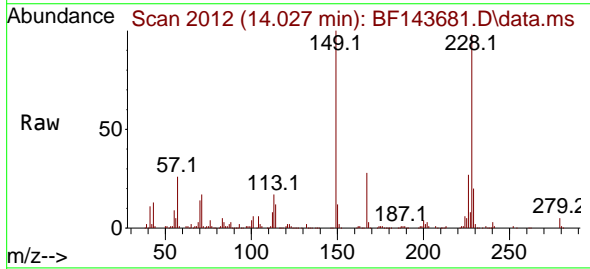
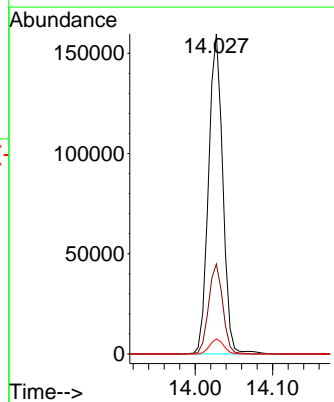


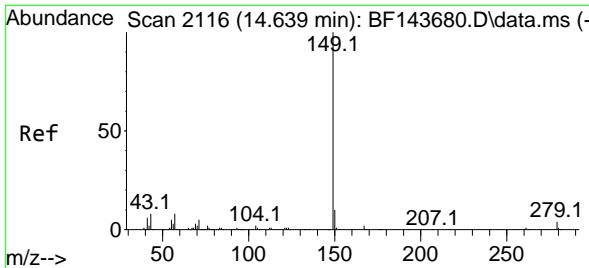
Tgt Ion:228 Resp: 293904  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 22.7 34.1  
 229 19.1 15.1 22.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.112 ng  
 RT: 14.027 min Scan# 2012  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

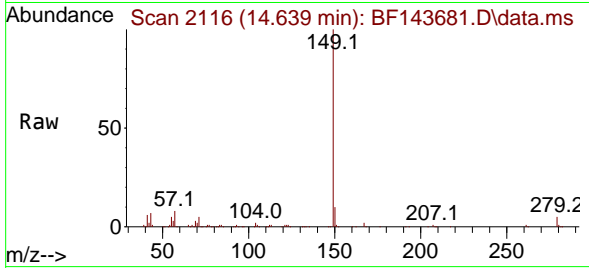
Tgt Ion:149 Resp: 203237  
 Ion Ratio Lower Upper  
 149 100  
 167 28.1 22.2 33.2  
 279 4.7 3.5 5.3



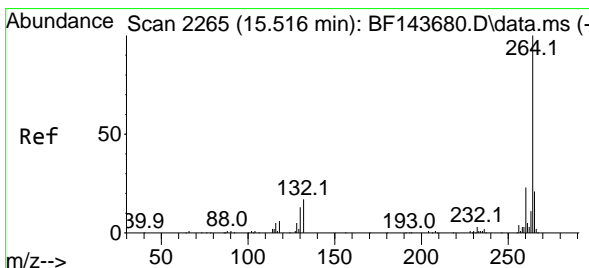
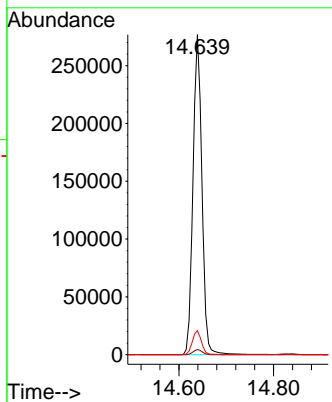
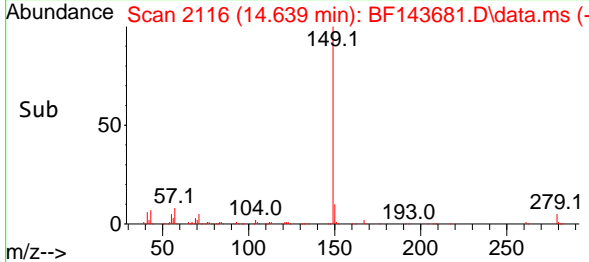


#85  
 Di-n-octyl phthalate  
 Concen: 53.998 ng  
 RT: 14.639 min Scan# 2116  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

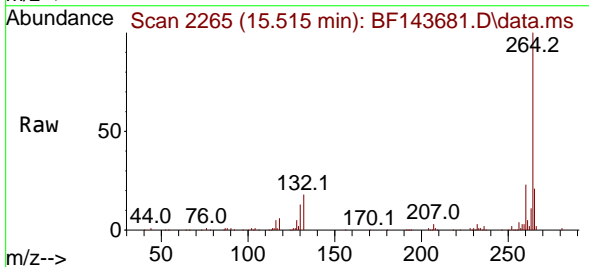
Instrument : BNA\_F  
 ClientSampleId :



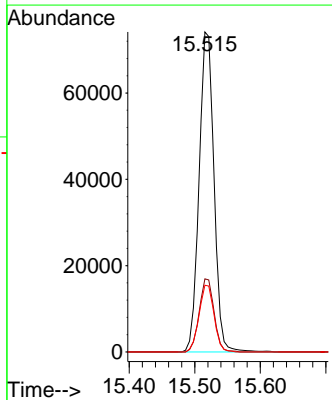
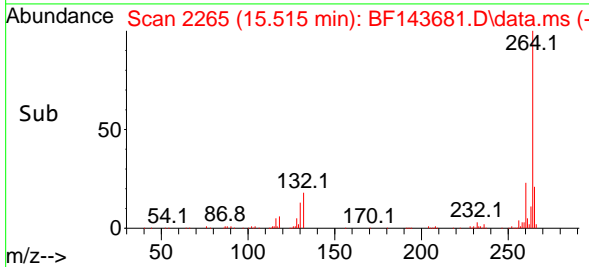
Tgt Ion:149 Resp: 363429  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 7.7 6.2 9.2

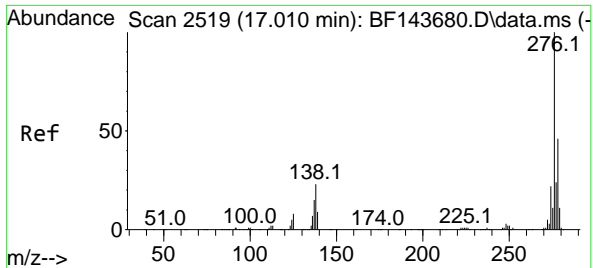


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.515 min Scan# 2265  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37



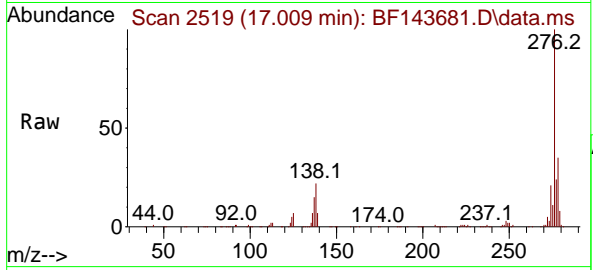
Tgt Ion:264 Resp: 117337  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.4 27.6  
 265 20.9 17.1 25.7



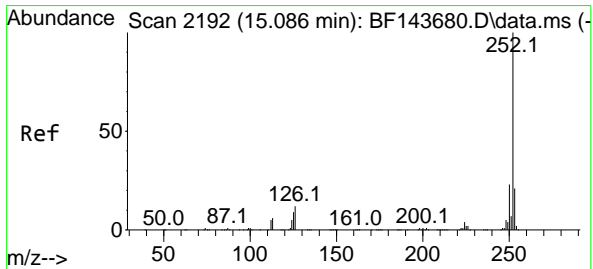
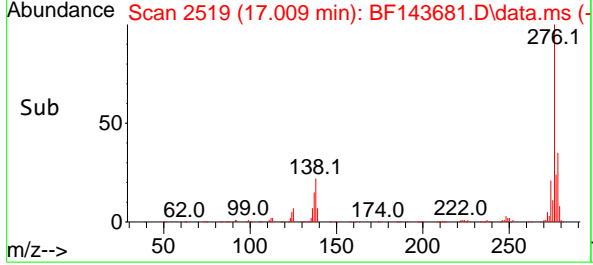
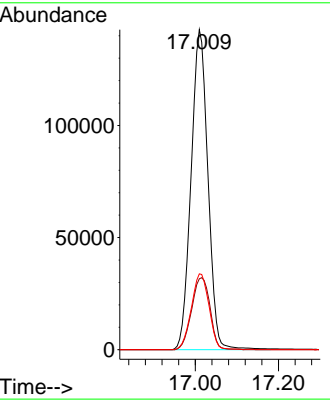


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.140 ng  
 RT: 17.009 min Scan# 2119  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument : BNA\_F  
 ClientSampleId :

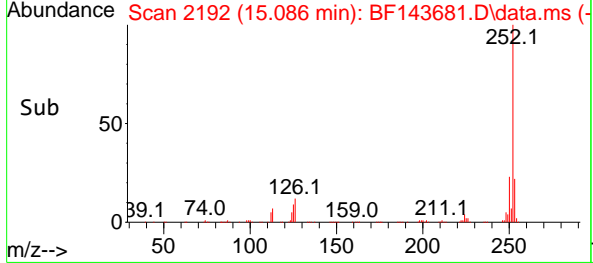
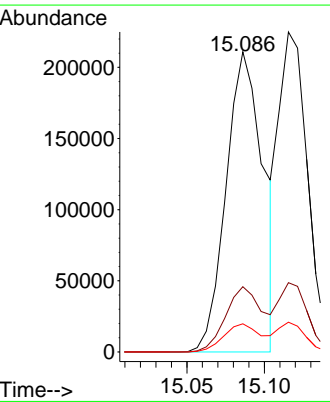
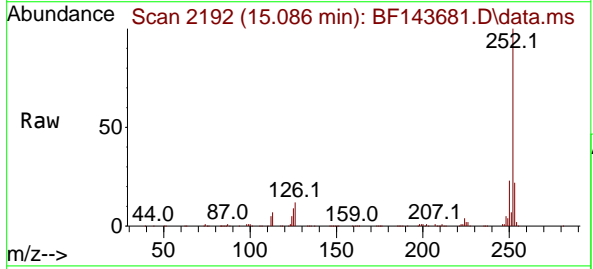


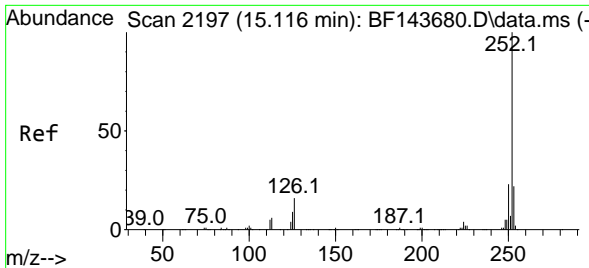
Tgt Ion:276 Resp: 401522  
 Ion Ratio Lower Upper  
 276 100  
 138 24.5 19.7 29.5  
 277 24.9 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 50.199 ng  
 RT: 15.086 min Scan# 2192  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

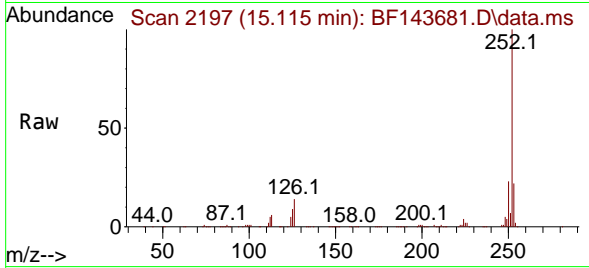
Tgt Ion:252 Resp: 350635  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.0 25.4  
 125 9.4 7.4 11.0



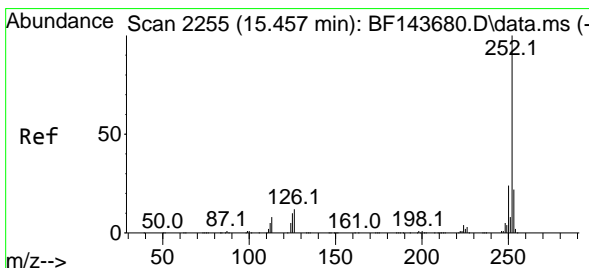
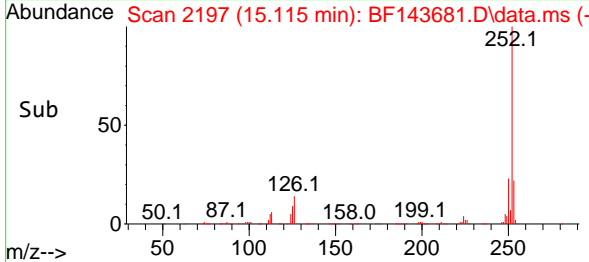
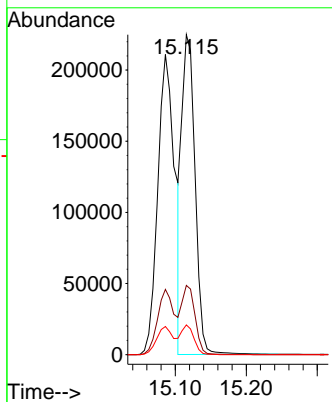


#89  
 Benzo(k)fluoranthene  
 Concen: 46.337 ng  
 RT: 15.115 min Scan# 2119  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :

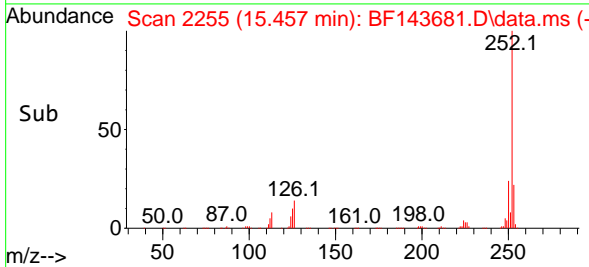
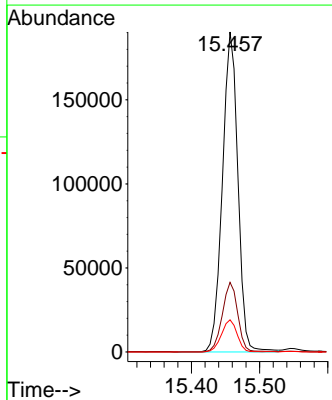
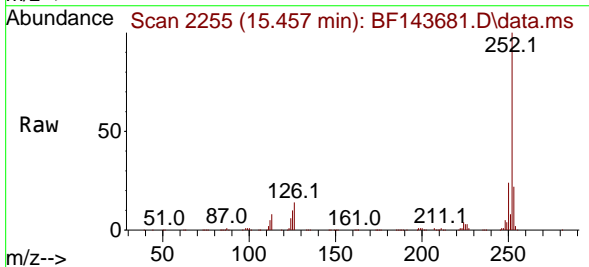


Tgt Ion:252 Resp: 292102  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.3 25.9  
 125 9.3 7.3 10.9

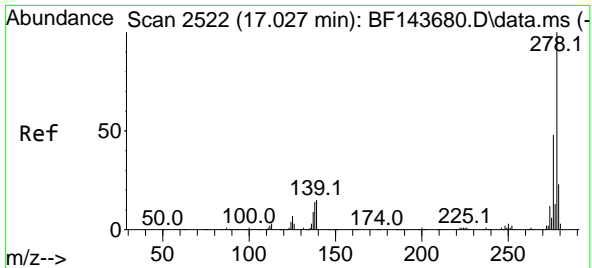


#90  
 Benzo(a)pyrene  
 Concen: 49.048 ng  
 RT: 15.457 min Scan# 2255  
 Delta R.T. -0.000 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:252 Resp: 300975  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.4 26.0  
 125 10.1 8.2 12.4

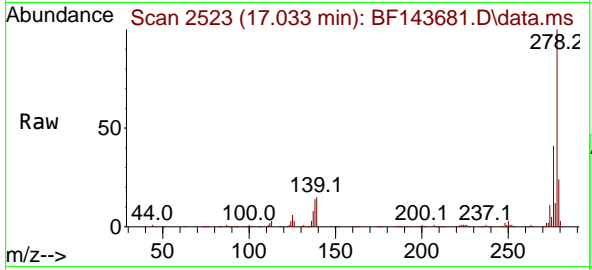




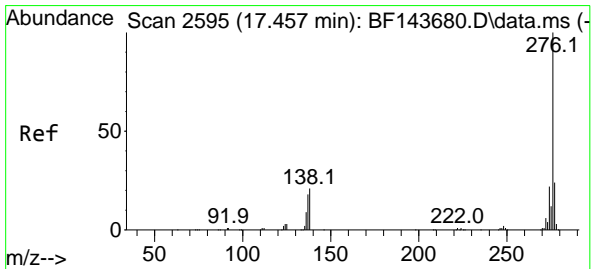
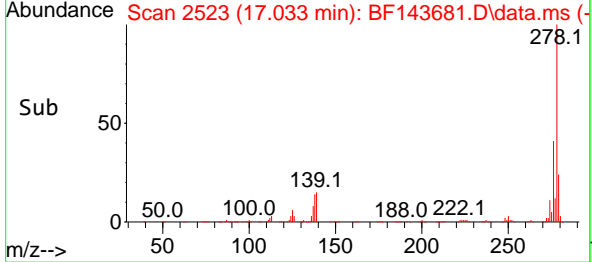
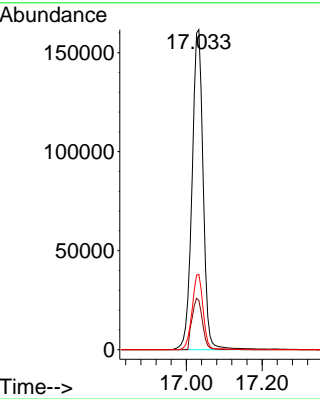


#91  
 Dibenzo(a,h)anthracene  
 Concen: 49.871 ng  
 RT: 17.033 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:278 Resp: 331338  
 Ion Ratio Lower Upper  
 278 100  
 139 15.4 12.2 18.4  
 279 23.6 18.7 28.1



#92  
 Benzo(g,h,i)perylene  
 Concen: 49.956 ng  
 RT: 17.462 min Scan# 2596  
 Delta R.T. 0.006 min  
 Lab File: BF143681.D  
 Acq: 09 Sep 2025 11:37

Tgt Ion:276 Resp: 310457  
 Ion Ratio Lower Upper  
 276 100  
 277 23.2 19.2 28.8  
 138 20.6 17.0 25.4

