

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072925\
 Data File : BF143264.D
 Acq On : 29 Jul 2025 19:09
 Operator : RC/JU
 Sample : Q2709-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MS

Quant Time: Jul 30 01:03:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	85322	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	301434	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	133832	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	193691	20.000	ng	0.00
76) Chrysene-d12	14.127	240	185212	20.000	ng	0.00
86) Perylene-d12	15.633	264	212109	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	423606	78.566	ng	0.01
7) Phenol-d6	6.587	99	530437	78.161	ng	0.00
23) Nitrobenzene-d5	7.516	82	353170	58.402	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	119906	86.728	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	630287	64.409	ng	0.00
79) Terphenyl-d14	13.069	244	532398	42.776	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	100579	39.424	ng	99
3) Pyridine	3.622	79	259386	39.171	ng	99
4) n-Nitrosodimethylamine	3.563	42	147190	43.052	ng	97
6) Aniline	6.622	93	260599	27.553	ng	99
8) 2-Chlorophenol	6.745	128	237316	41.991	ng	98
9) Benzaldehyde	6.510	77	157794	31.008	ng	98
10) Phenol	6.598	94	309376	41.846	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	231473	40.891	ng	98
12) 1,3-Dichlorobenzene	6.904	146	265184	43.193	ng	99
13) 1,4-Dichlorobenzene	6.981	146	266045	43.030	ng	99
14) 1,2-Dichlorobenzene	7.134	146	254284	43.241	ng	99
15) Benzyl Alcohol	7.092	79	216418	41.765	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	412642	39.296	ng	98
17) 2-Methylphenol	7.210	107	192384	40.485	ng	98
18) Hexachloroethane	7.475	117	94265	44.041	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	170458	39.150	ng	97
20) 3+4-Methylphenols	7.357	107	234797	40.725	ng	# 82
22) Acetophenone	7.363	105	319431	44.760	ng	# 96
24) Nitrobenzene	7.534	77	260132	46.140	ng	99
25) Isophorone	7.775	82	453596	42.490	ng	99
26) 2-Nitrophenol	7.851	139	125493	51.288	ng	98
27) 2,4-Dimethylphenol	7.887	122	208994	41.903	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	274049	42.817	ng	100
29) 2,4-Dichlorophenol	8.098	162	182669	43.429	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	205555	45.235	ng	99
31) Naphthalene	8.263	128	667560	44.968	ng	100
32) Benzoic acid	7.992	122	120785	43.532	ng	99
33) 4-Chloroaniline	8.304	127	107962	17.811	ng	99
34) Hexachlorobutadiene	8.386	225	126789	45.675	ng	99
35) Caprolactam	8.663	113	36308	28.566	ng	98
36) 4-Chloro-3-methylphenol	8.786	107	192636	42.136	ng	100
37) 2-Methylnaphthalene	8.957	142	386505	42.785	ng	100
38) 1-Methylnaphthalene	9.057	142	396412	42.614	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	192802	49.899	ng	99
41) Hexachlorocyclopentadiene	9.116	237	232085	92.313	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	126682	47.373	ng	99

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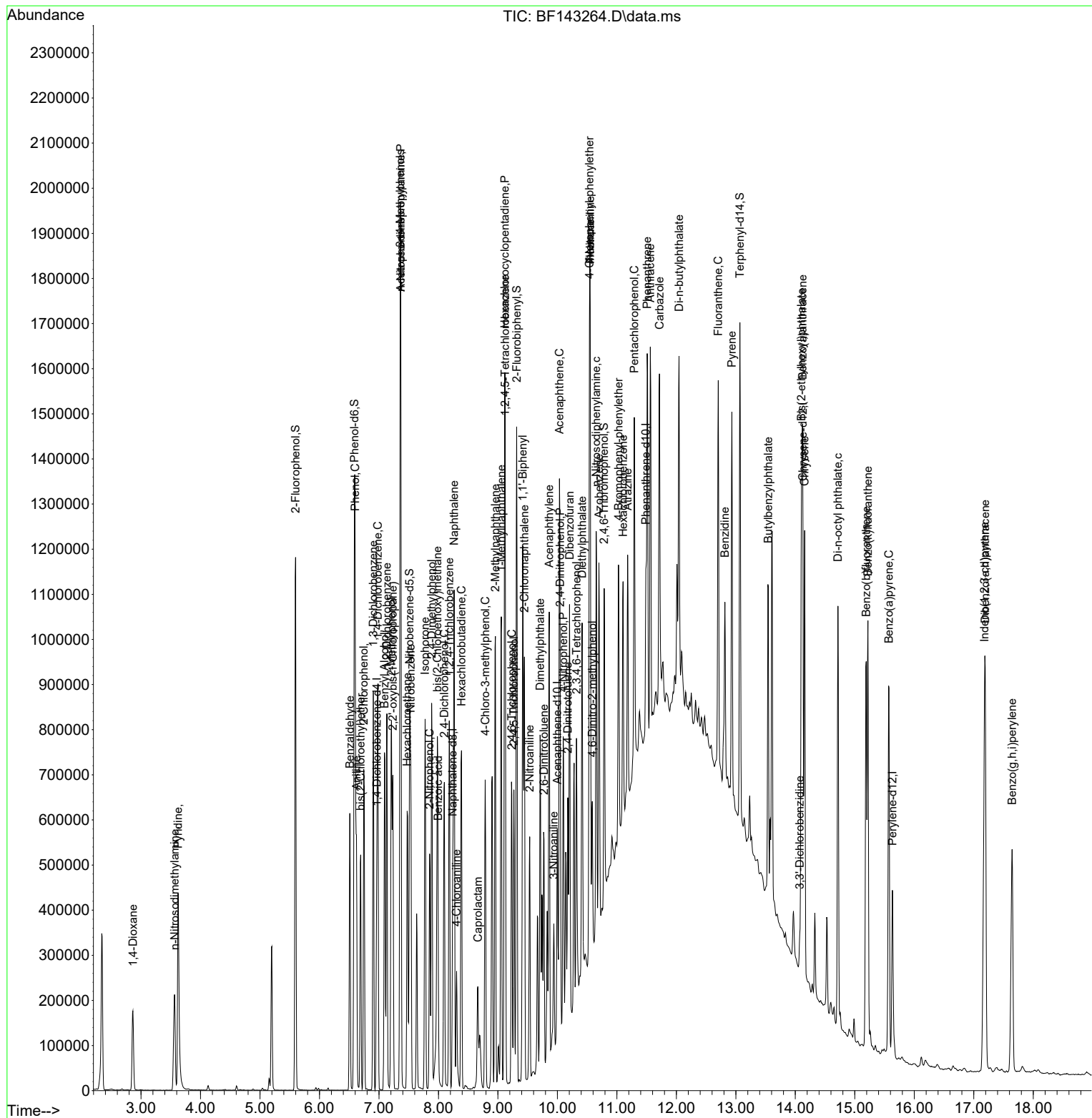
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	128474	48.029	ng	98
46) 1,1'-Biphenyl	9.416	154	511170	48.955	ng	99
47) 2-Chloronaphthalene	9.445	162	375142	48.556	ng	99
48) 2-Nitroaniline	9.533	65	123095	50.806	ng	99
49) Acenaphthylene	9.863	152	605443	46.761	ng	100
50) Dimethylphthalate	9.710	163	412668	47.305	ng	99
51) 2,6-Dinitrotoluene	9.775	165	89186	50.256	ng	96
52) Acenaphthene	10.033	154	390341	51.008	ng	99
53) 3-Nitroaniline	9.939	138	57418	27.662	ng	99
54) 2,4-Dinitrophenol	10.045	184	91777	111.267	ng	# 1
55) Dibenzofuran	10.204	168	508527	44.758	ng	99
56) 4-Nitrophenol	10.098	139	141719	91.430	ng	95
57) 2,4-Dinitrotoluene	10.175	165	115140	51.715	ng	98
58) Fluorene	10.551	166	376245	44.123	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	99584	44.942	ng	98
60) Diethylphthalate	10.416	149	385041	44.656	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	187604	44.184	ng	99
62) 4-Nitroaniline	10.551	138	83165	46.748	ng	96
63) Azobenzene	10.698	77	409898	45.613	ng	96
65) 4,6-Dinitro-2-methylph...	10.586	198	55758	54.134	ng	96
66) n-Nitrosodiphenylamine	10.651	169	323003	47.358	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	109099	47.264	ng	97
68) Hexachlorobenzene	11.104	284	109283	45.296	ng	99
69) Atrazine	11.180	200	94988	50.517	ng	96
70) Pentachlorophenol	11.292	266	134685	94.927	ng	98
71) Phenanthrene	11.510	178	470142	45.714	ng	99
72) Anthracene	11.563	178	481178	45.875	ng	99
73) Carbazole	11.716	167	443765	48.452	ng	98
74) Di-n-butylphthalate	12.045	149	520807	50.255	ng	99
75) Fluoranthene	12.704	202	505177	53.516	ng	98
77) Benzidine	12.816	184	214605	30.075	ng	99
78) Pyrene	12.933	202	520344	32.919	ng	100
80) Butylbenzylphthalate	13.545	149	232435	48.021	ng	98
81) Benzo(a)anthracene	14.121	228	550615	44.405	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	19298	4.670	ng	99
83) Chrysene	14.157	228	488242	43.794	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	346522	47.299	ng	99
85) Di-n-octyl phthalate	14.716	149	619189	46.627	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	612334	40.941	ng	97
88) Benzo(b)fluoranthene	15.192	252	572809	44.205	ng	99
89) Benzo(k)fluoranthene	15.221	252	542899	46.951	ng	98
90) Benzo(a)pyrene	15.574	252	540351	45.260	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	493232	40.516	ng	98
92) Benzo(g,h,i)perylene	17.645	276	467378	39.689	ng	97

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

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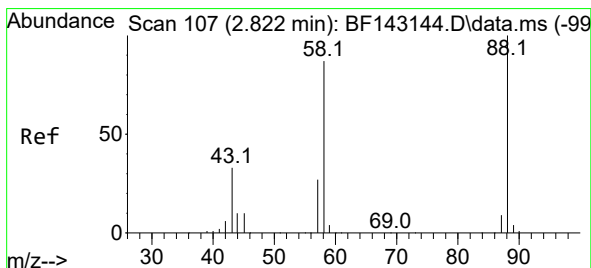
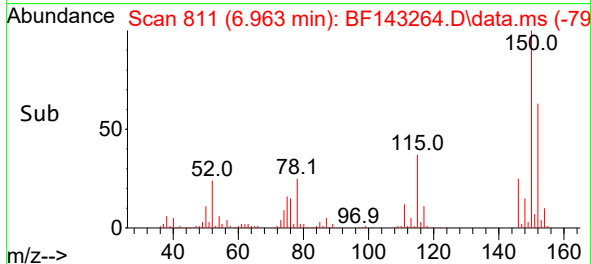
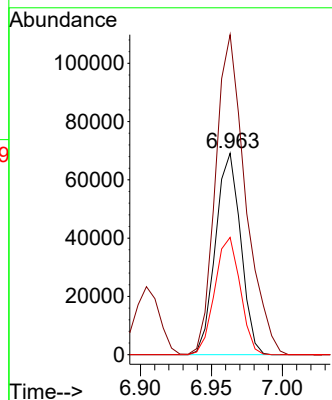
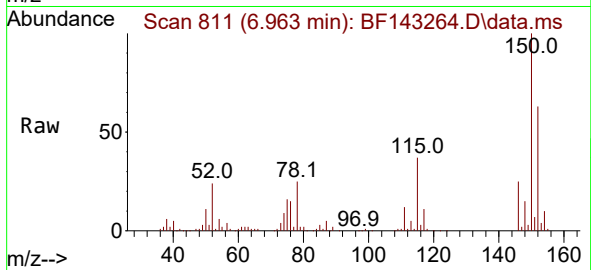




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

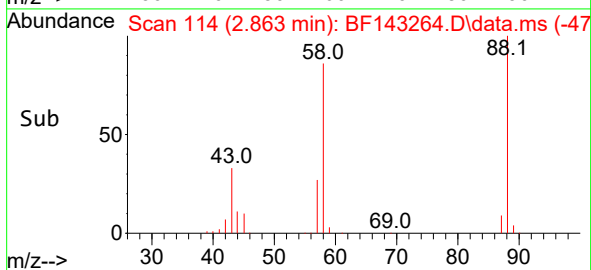
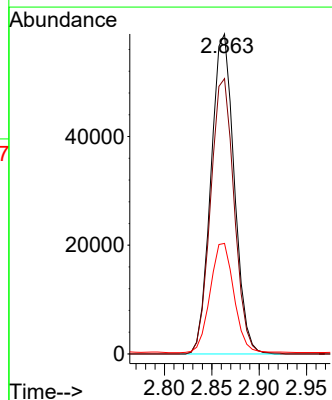
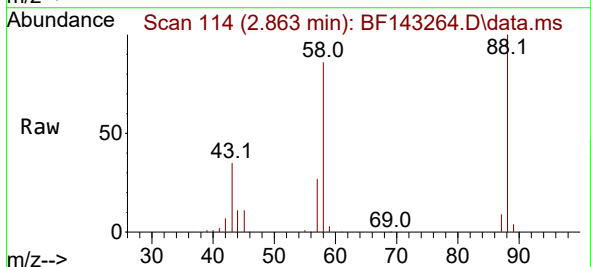
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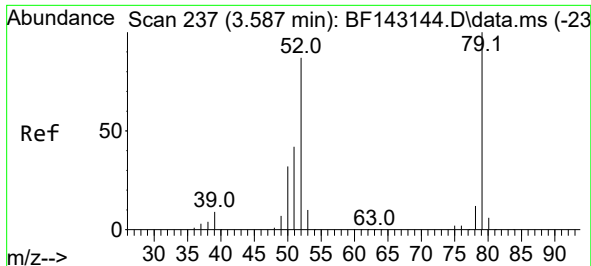
Tgt Ion:152 Resp: 85322
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.2 192.4
 115 58.2 47.9 71.9



#2
 1,4-Dioxane
 Concen: 39.424 ng
 RT: 2.863 min Scan# 114
 Delta R.T. 0.041 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

Tgt Ion: 88 Resp: 100579
 Ion Ratio Lower Upper
 88 100
 58 87.3 70.2 105.2
 43 35.0 27.1 40.7

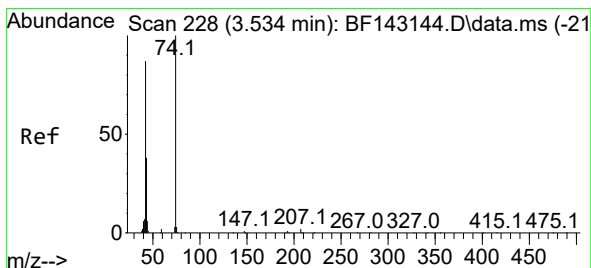
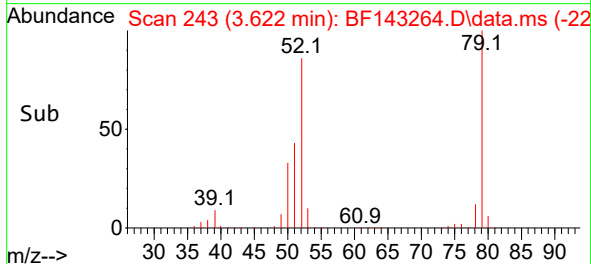
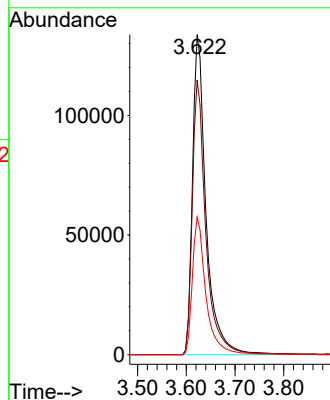
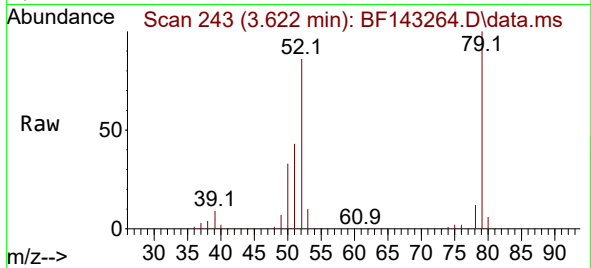




#3
Pyridine
Concen: 39.171 ng
RT: 3.622 min Scan# 24
Delta R.T. 0.035 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

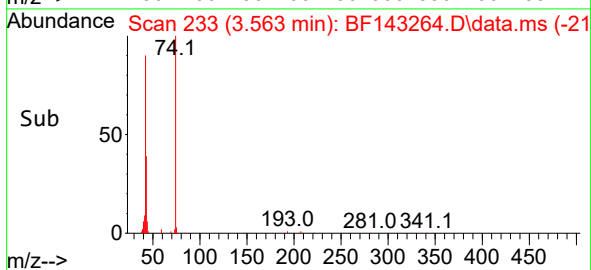
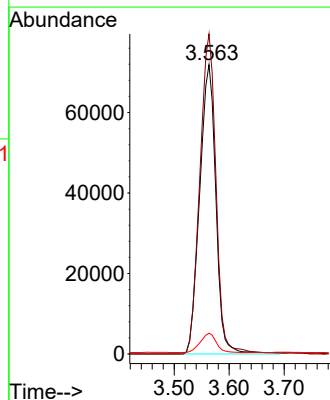
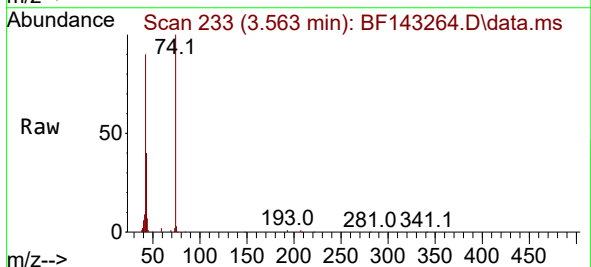
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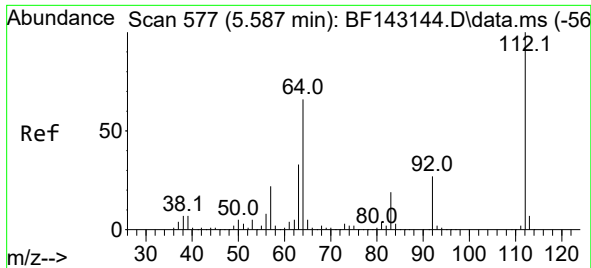
Tgt Ion: 79 Resp: 259386
Ion Ratio Lower Upper
79 100
52 85.8 69.4 104.2
51 43.0 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 43.052 ng
RT: 3.563 min Scan# 233
Delta R.T. 0.029 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 42 Resp: 147190
Ion Ratio Lower Upper
42 100
74 110.6 91.7 137.5
44 7.2 5.6 8.4

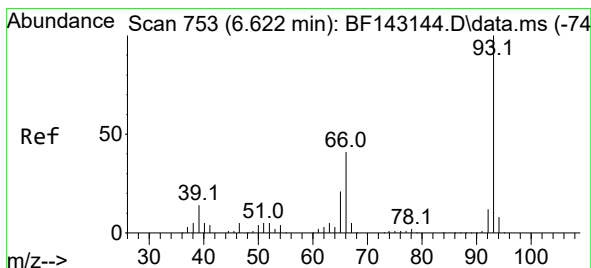
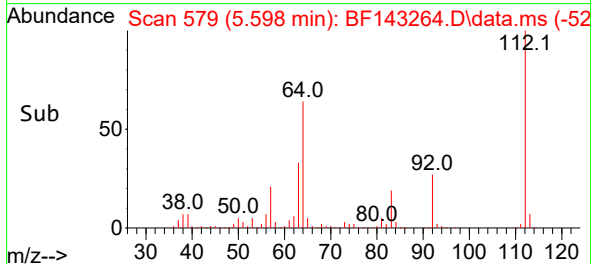
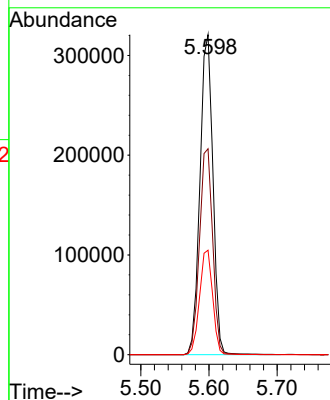
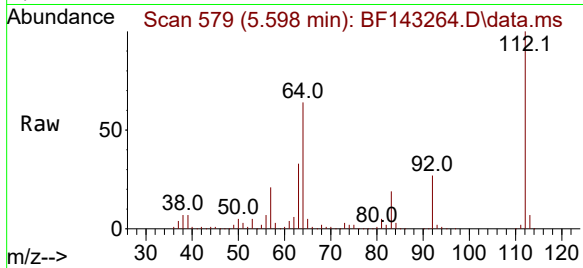




#5
2-Fluorophenol
Concen: 78.566 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

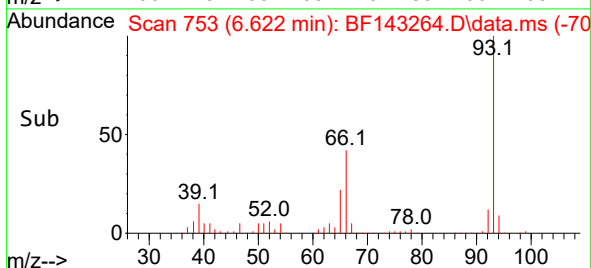
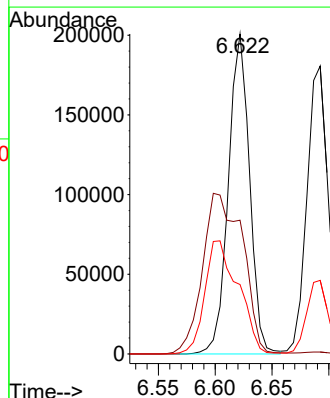
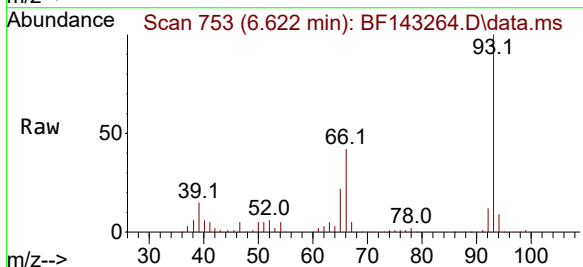
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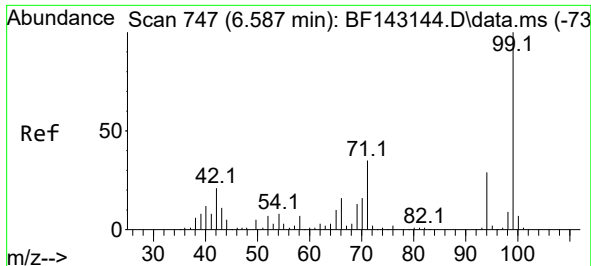
Tgt Ion:112 Resp: 423606
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.7 26.6 40.0



#6
Aniline
Concen: 27.553 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 93 Resp: 260599
Ion Ratio Lower Upper
93 100
66 41.8 33.2 49.8
65 21.7 16.9 25.3

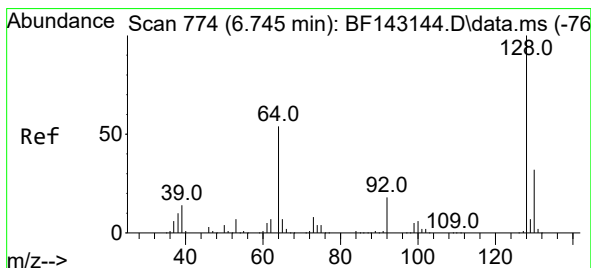
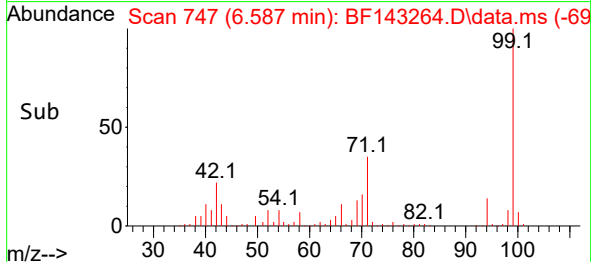
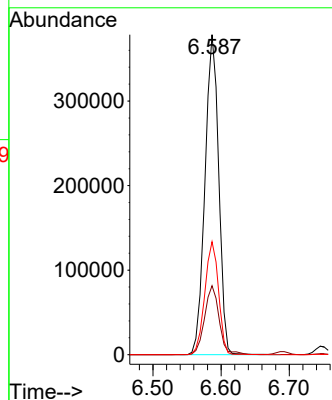
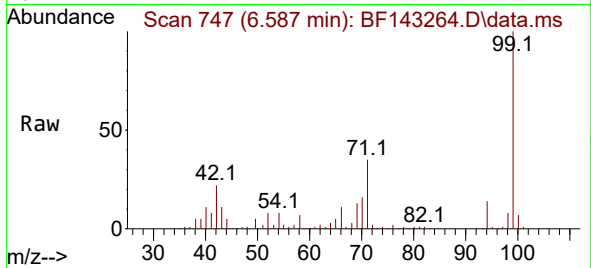




#7
Phenol-d6
Concen: 78.161 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

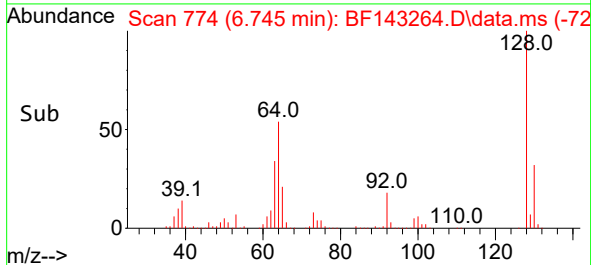
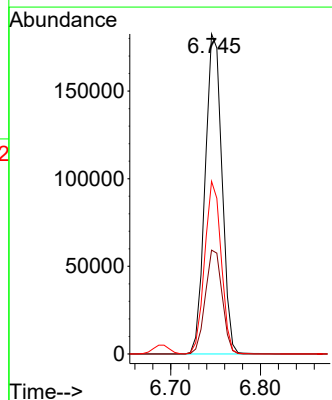
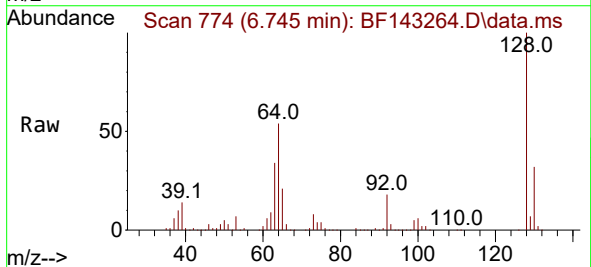
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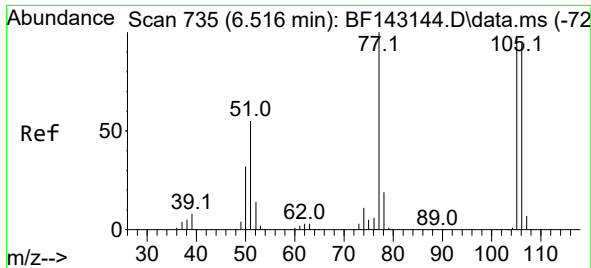
Tgt Ion: 99 Resp: 530437
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 35.3 27.7 41.5



#8
2-Chlorophenol
Concen: 41.991 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:128 Resp: 237316
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 54.0 35.9 75.9

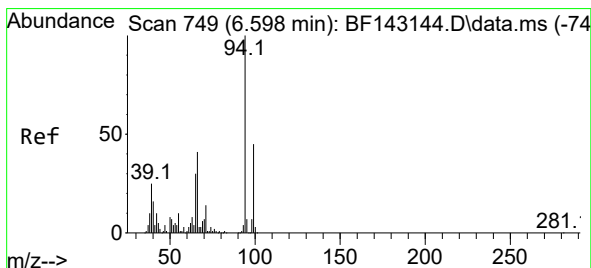
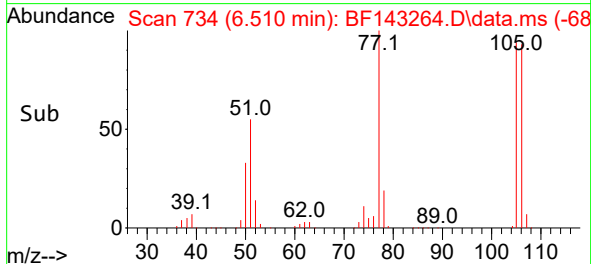
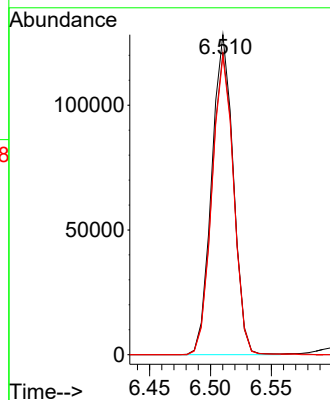
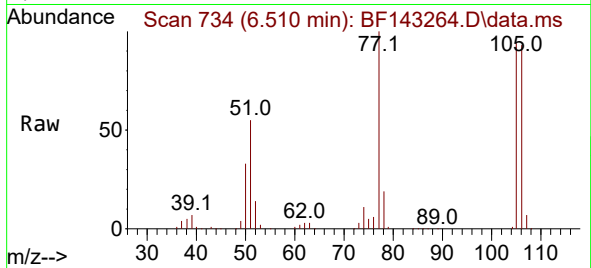




#9
Benzaldehyde
Concen: 31.008 ng
RT: 6.510 min Scan# 735
Delta R.T. -0.006 min
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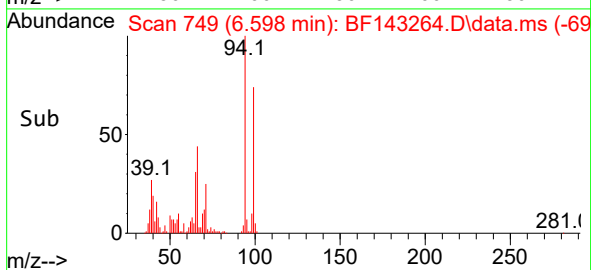
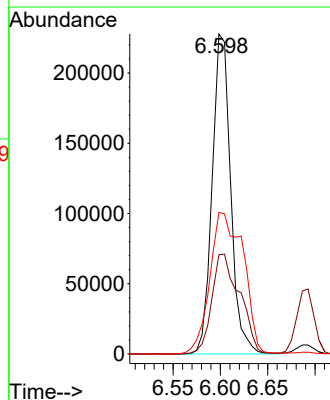
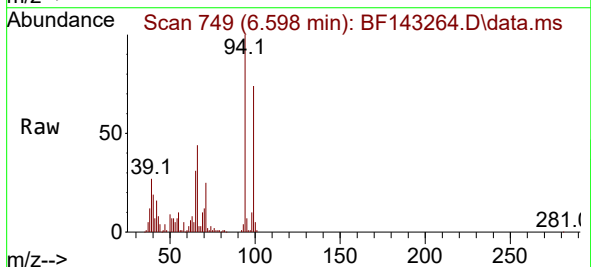
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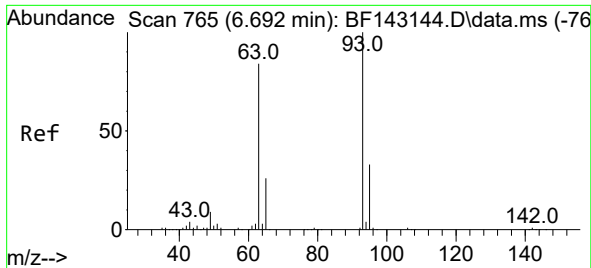
Tgt Ion: 77 Resp: 157794
Ion Ratio Lower Upper
77 100
105 94.5 76.8 116.8
106 93.3 74.4 114.4



#10
Phenol
Concen: 41.846 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143264.D
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Tgt Ion: 94 Resp: 309376
Ion Ratio Lower Upper
94 100
65 31.0 10.0 50.0
66 44.3 20.8 60.8

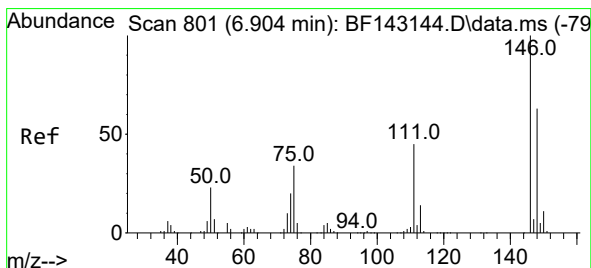
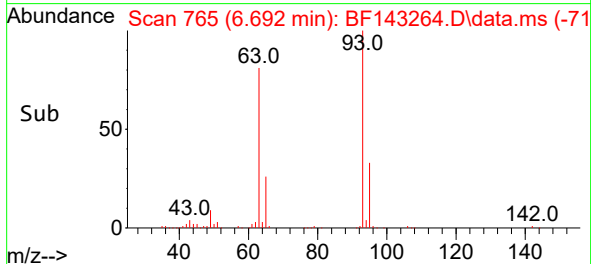
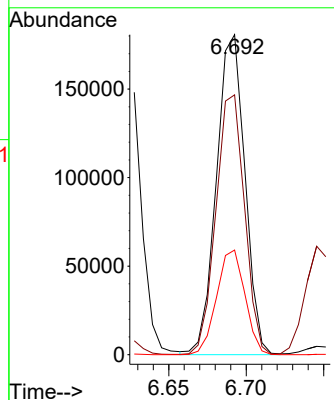
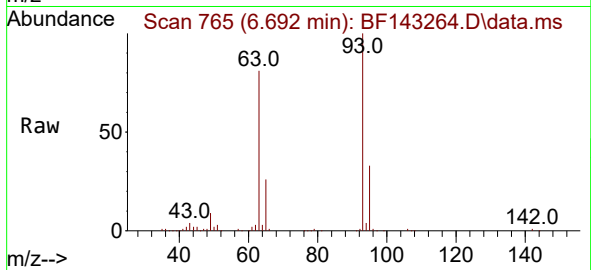




#11
bis(2-Chloroethyl)ether
Concen: 40.891 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

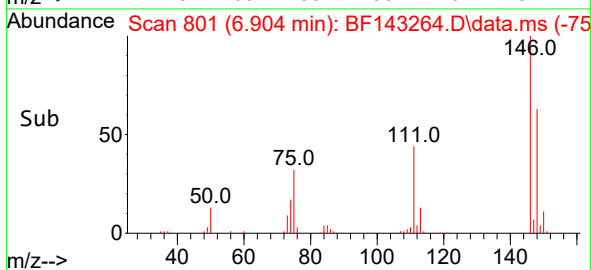
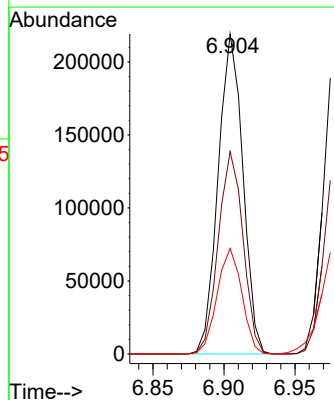
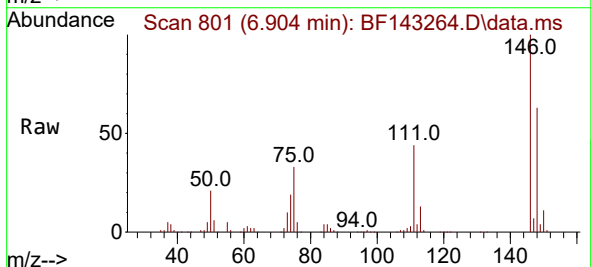
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

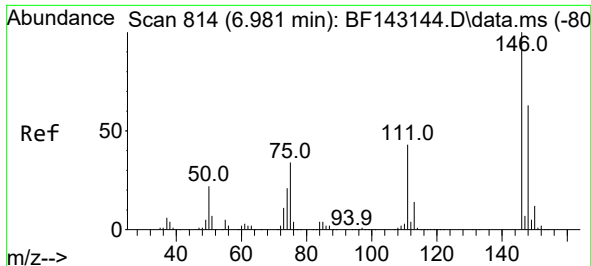
Tgt Ion: 93 Resp: 231473
Ion Ratio Lower Upper
93 100
63 81.2 63.4 103.4
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.193 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 146 Resp: 265184
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.030 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

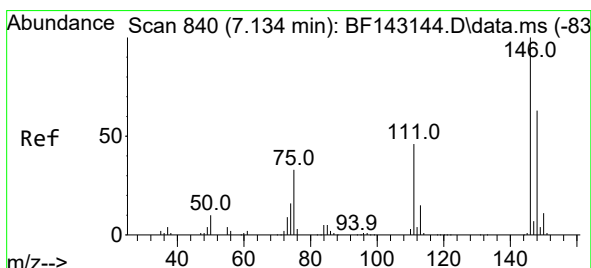
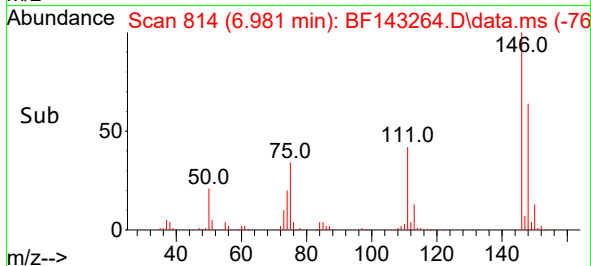
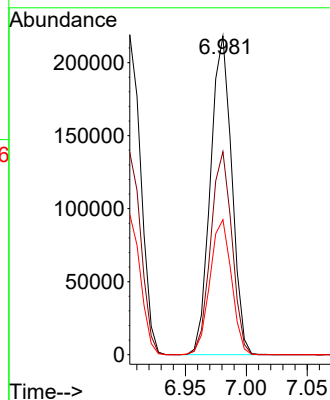
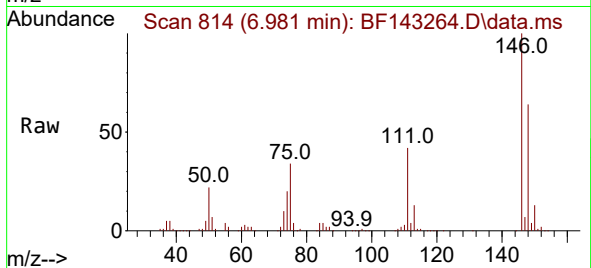
Tgt Ion:146 Resp: 266045

Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

111 42.4 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 43.241 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

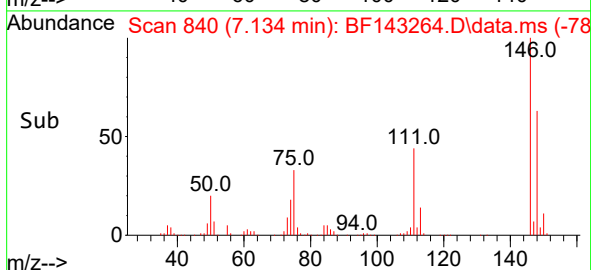
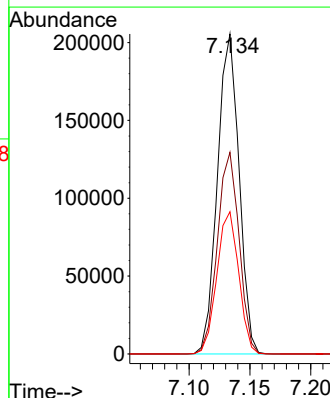
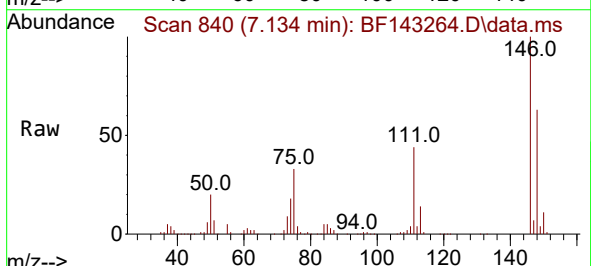
Tgt Ion:146 Resp: 254284

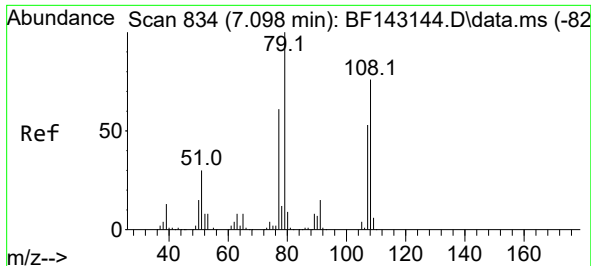
Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 44.4 36.6 54.8

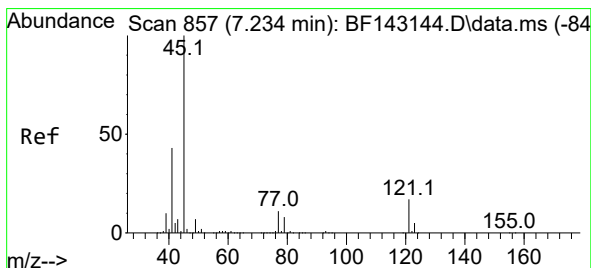
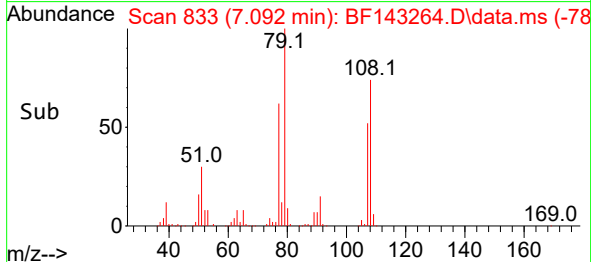
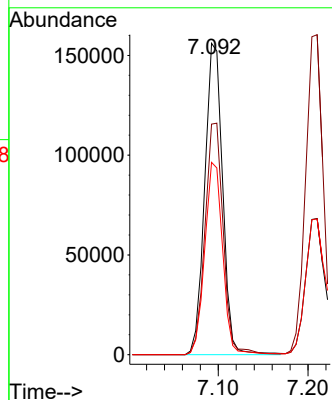
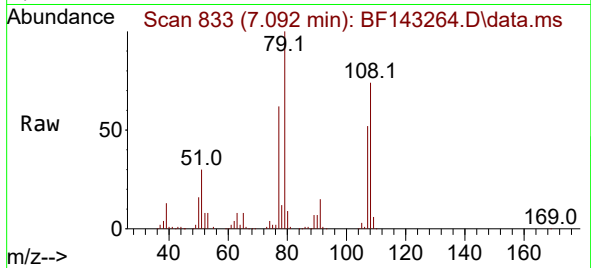




#15
Benzyl Alcohol
Concen: 41.765 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

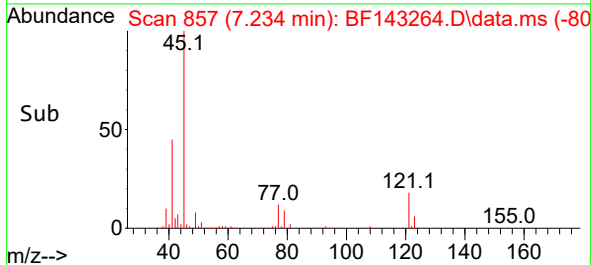
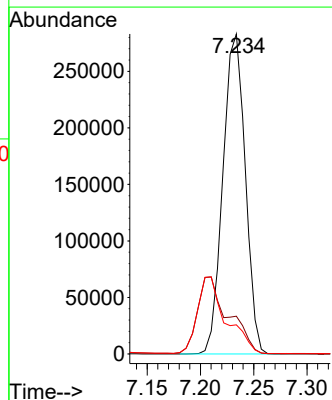
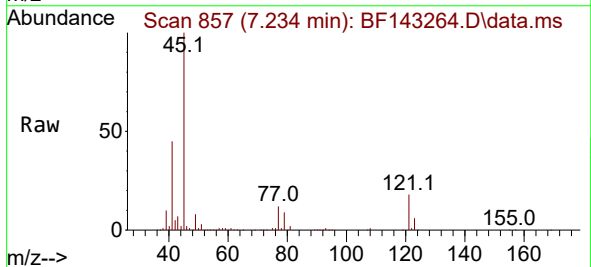
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

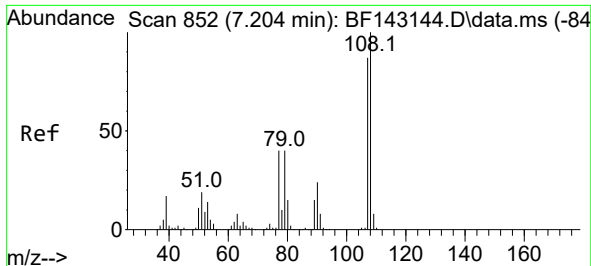
Tgt Ion: 79 Resp: 216418
Ion Ratio Lower Upper
79 100
108 74.1 61.1 91.7
77 61.8 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.296 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 45 Resp: 412642
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.2
79 9.1 0.0 28.5

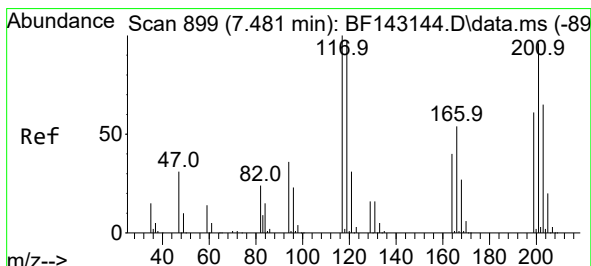
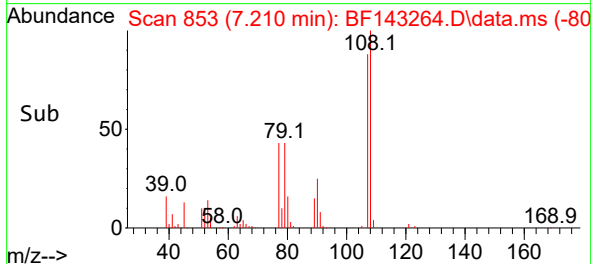
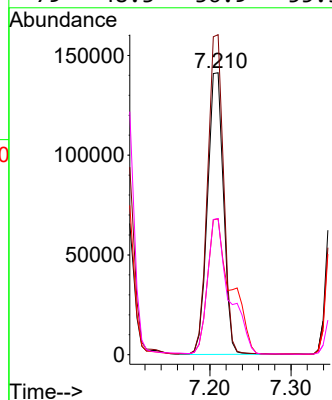
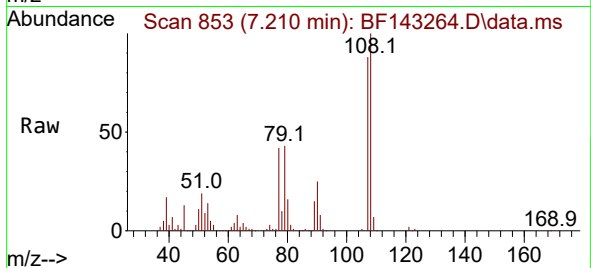




#17
2-Methylphenol
Concen: 40.485 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

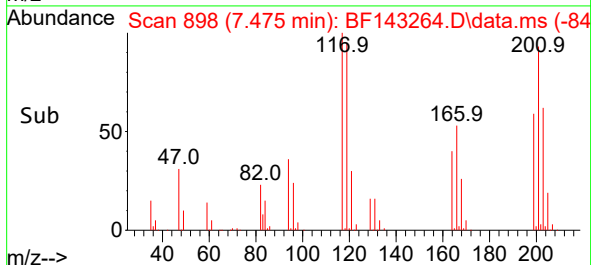
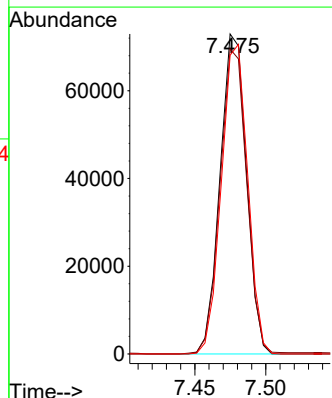
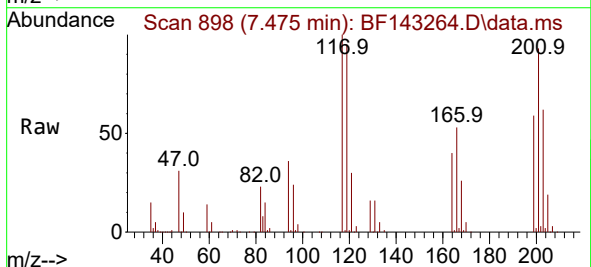
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

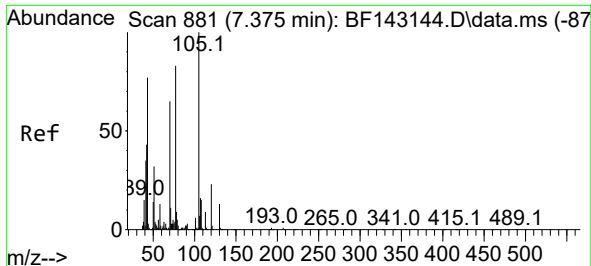
Tgt Ion:	107	Resp:	192384
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.6
77	48.2	37.0	55.6
79	48.3	36.9	55.3



#18
Hexachloroethane
Concen: 44.041 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:	117	Resp:	94265
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.8
201	93.4	77.0	115.4

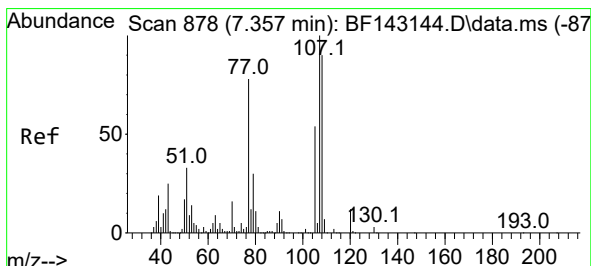
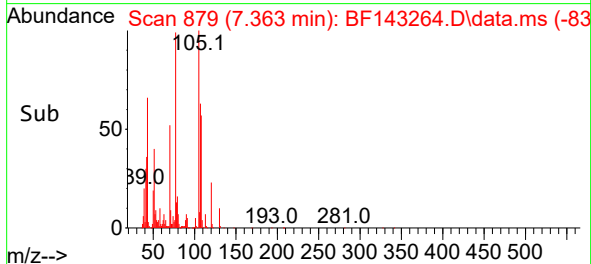
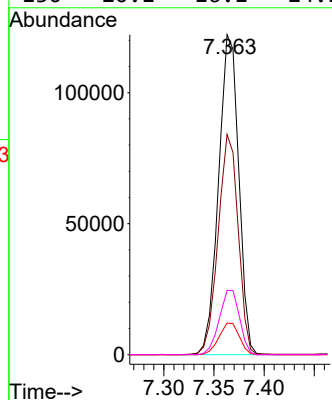
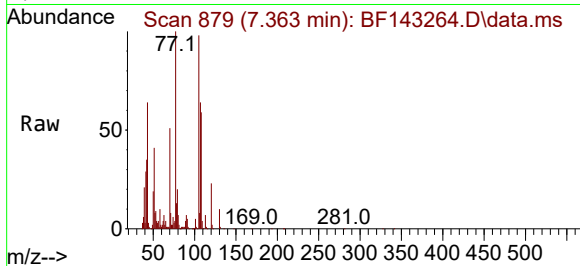




#19
n-Nitroso-di-n-propylamine
Concen: 39.150 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

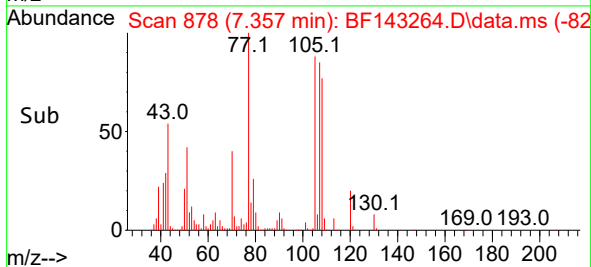
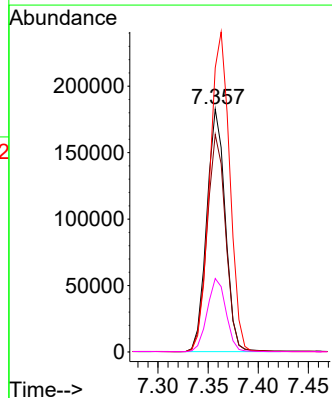
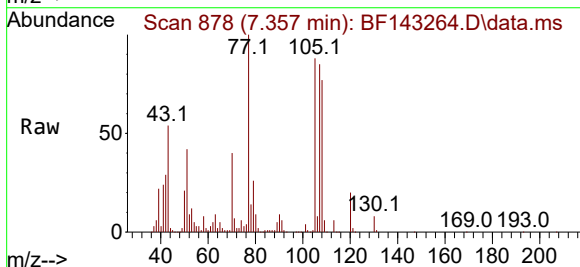
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

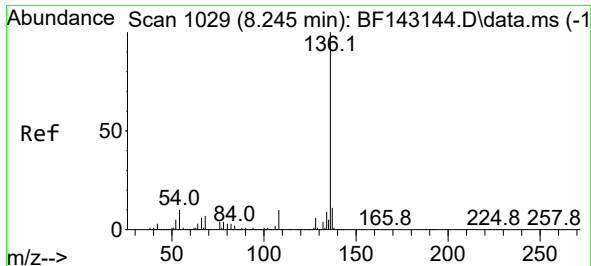
Tgt Ion:	70	Resp:	170458
Ion	Ratio	Lower	Upper
70	100		
42	68.8	52.5	78.7
101	9.9	7.6	11.4
130	20.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.725 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:	107	Resp:	234797
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.0	110.0
77	117.0	57.8	97.8#
79	30.2	9.5	49.5



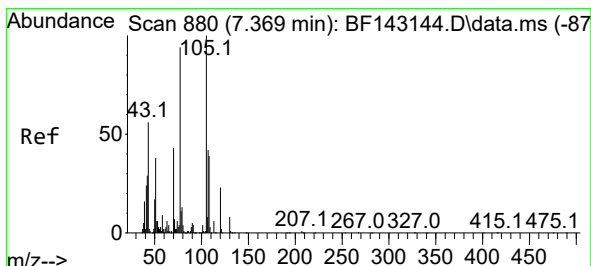
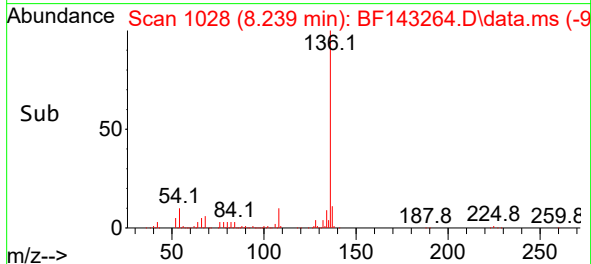
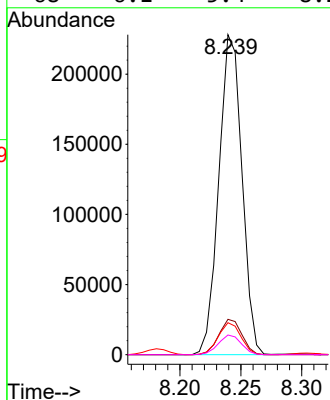
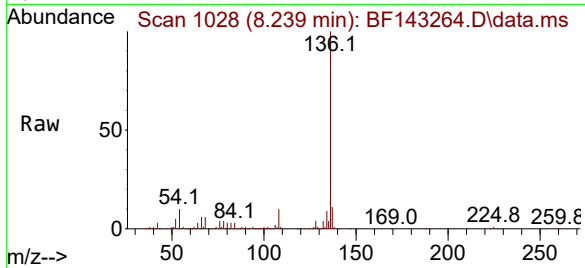


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Instrument :
BNA_F
ClientSampleId :
7211935-295MS

Tgt Ion:136 Resp: 301434

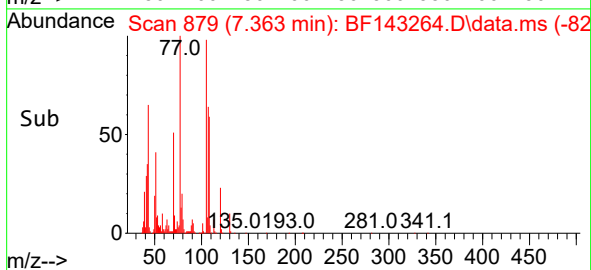
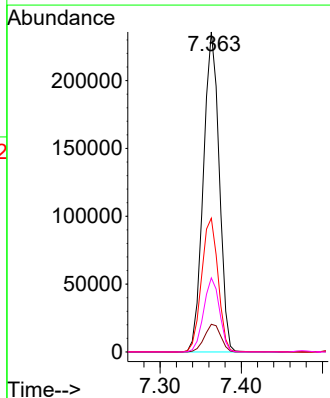
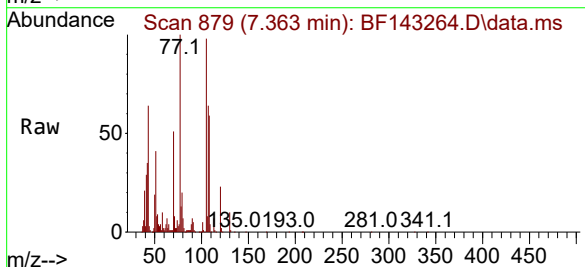
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	8.2	12.2
68	6.1	5.4	8.2

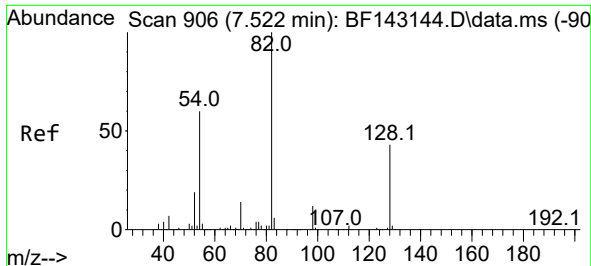


#22
Acetophenone
Concen: 44.760 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:105 Resp: 319431

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.8	8.6#
51	41.8	30.2	45.2
120	23.1	18.2	27.4

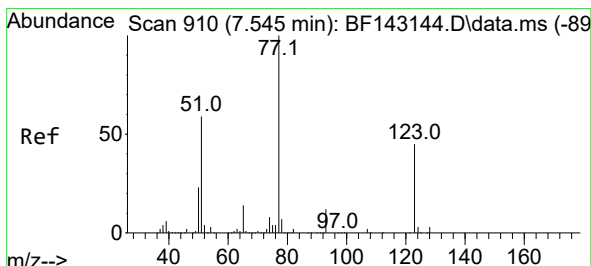
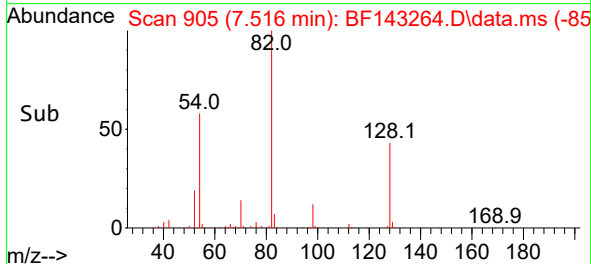
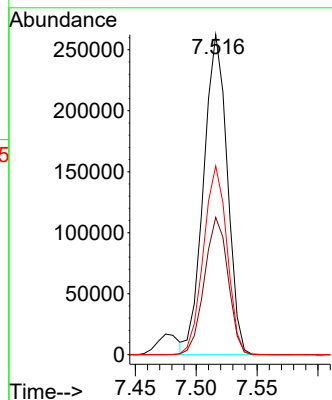
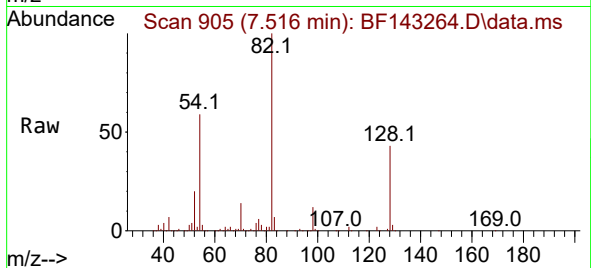




#23
Nitrobenzene-d5
Concen: 58.402 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

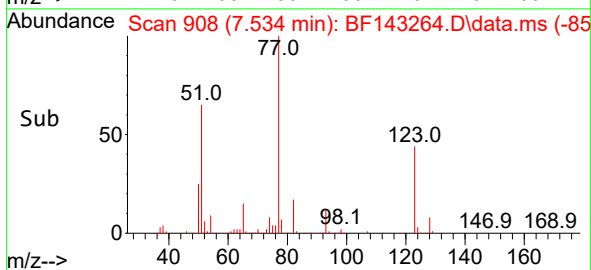
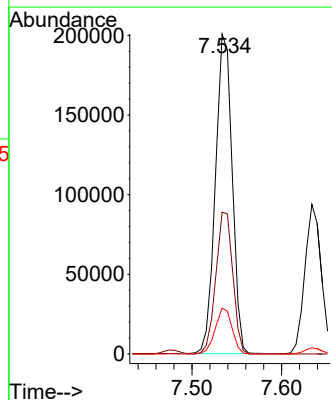
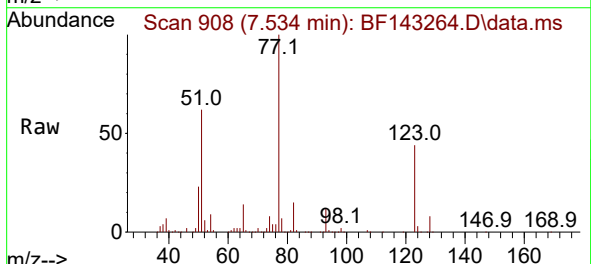
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

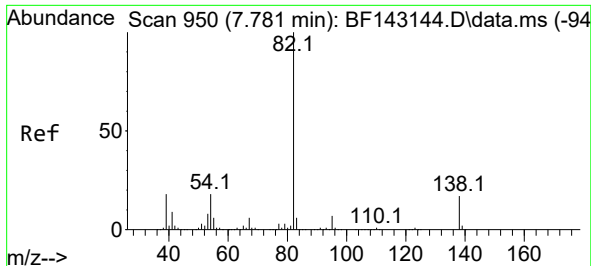
Tgt Ion: 82 Resp: 353170
Ion Ratio Lower Upper
82 100
128 42.9 33.6 50.4
54 59.0 47.1 70.7



#24
Nitrobenzene
Concen: 46.140 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 77 Resp: 260132
Ion Ratio Lower Upper
77 100
123 44.3 36.1 54.1
65 14.3 11.4 17.2

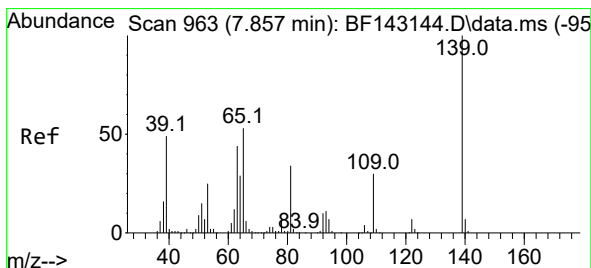
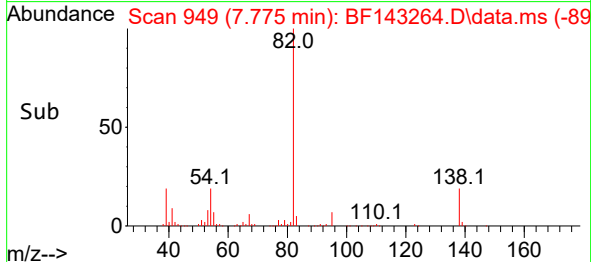
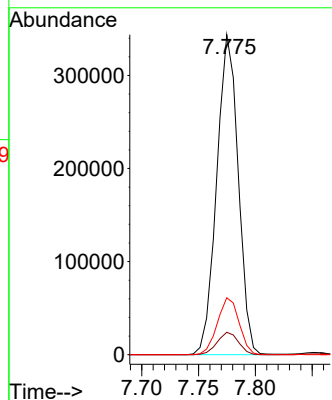
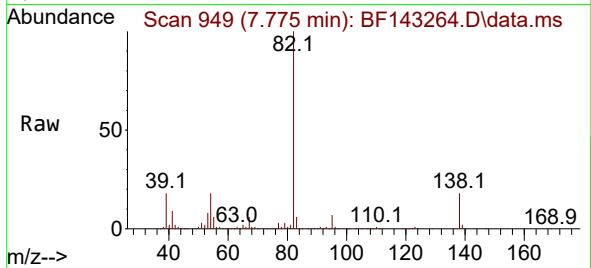




#25
Isophorone
Concen: 42.490 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

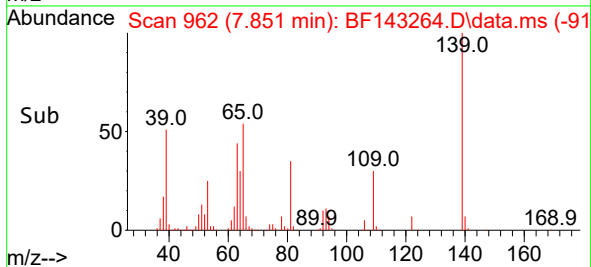
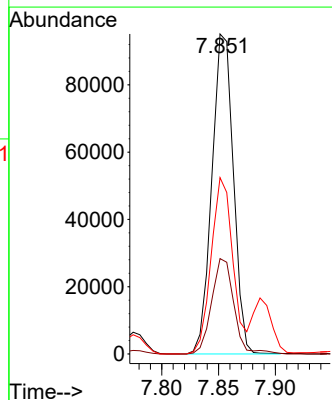
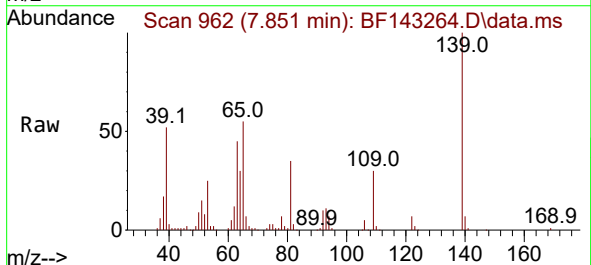
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

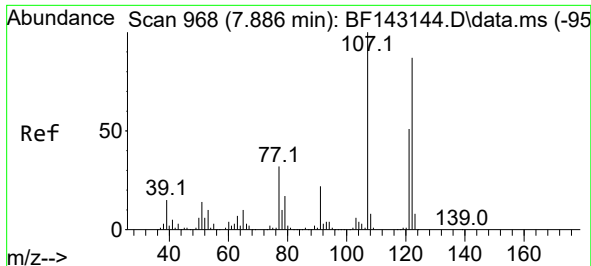
Tgt Ion: 82 Resp: 453596
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 51.288 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 139 Resp: 125493
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 55.1 42.6 64.0

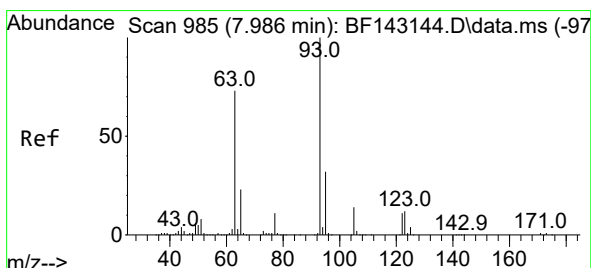
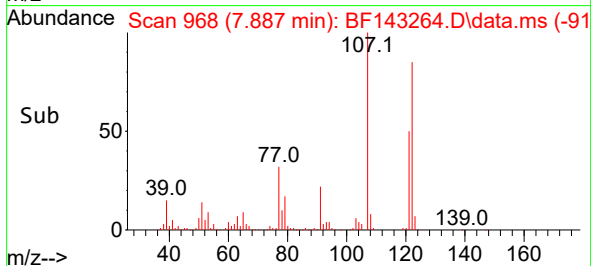
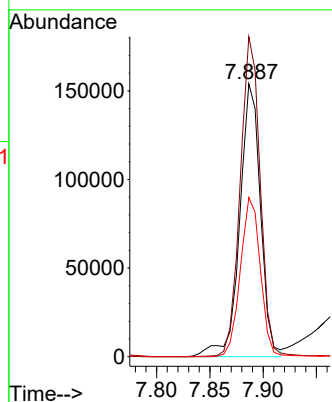
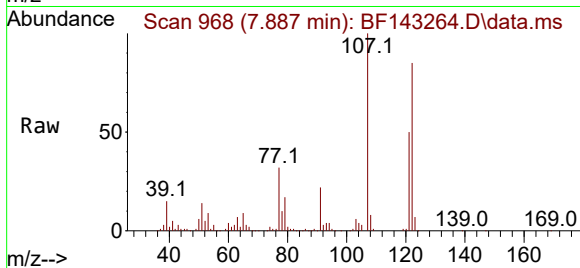




#27
2,4-Dimethylphenol
Concen: 41.903 ng
RT: 7.887 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

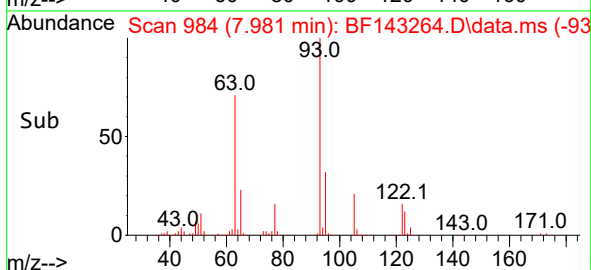
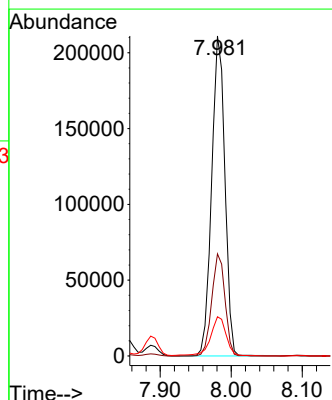
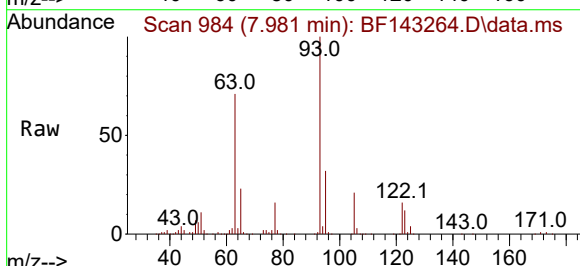
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

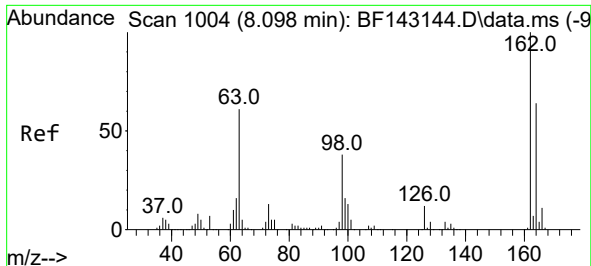
Tgt Ion:122 Resp: 208994
Ion Ratio Lower Upper
122 100
107 117.2 91.8 137.6
121 58.3 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.817 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 93 Resp: 274049
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.429 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

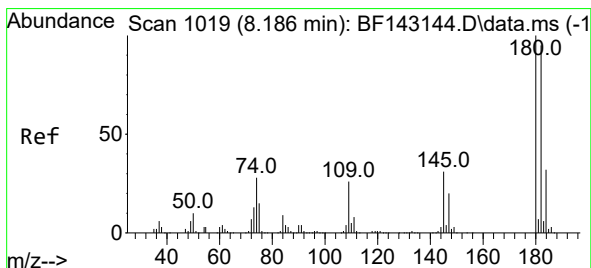
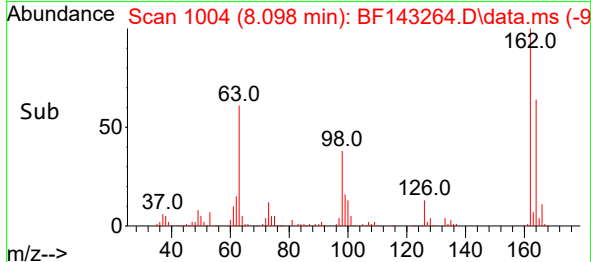
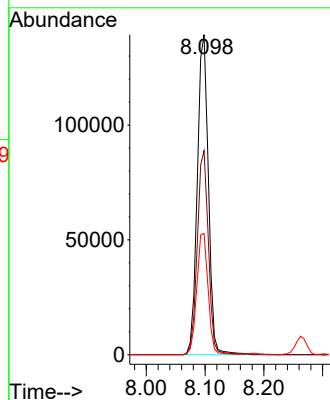
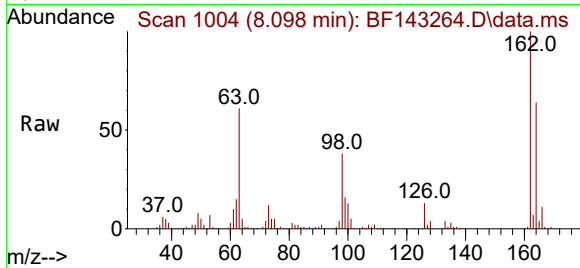
Tgt Ion:162 Resp: 182669

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 37.9 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 45.235 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

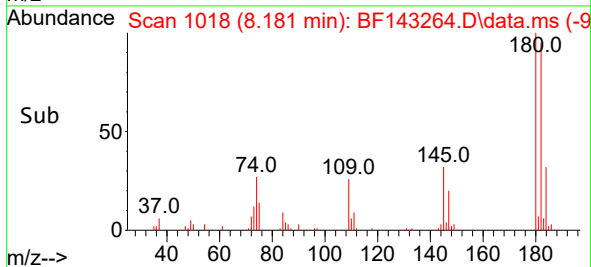
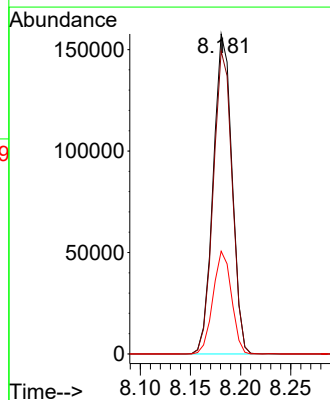
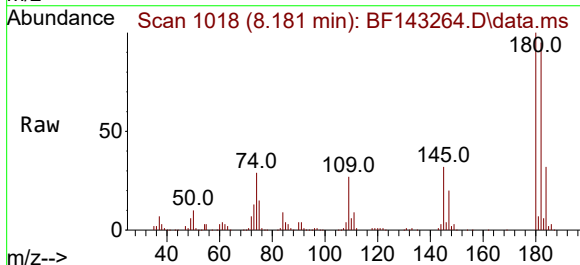
Tgt Ion:180 Resp: 205555

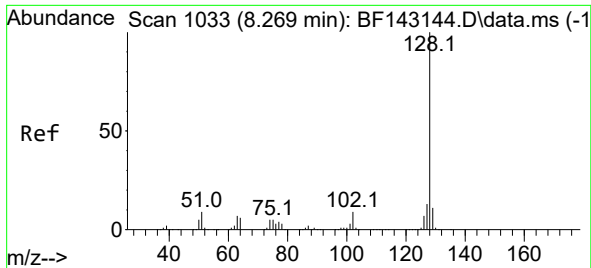
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 32.1 25.0 37.6

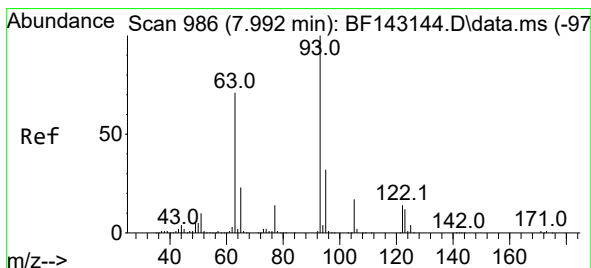
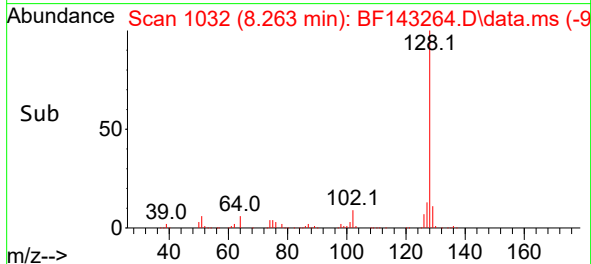
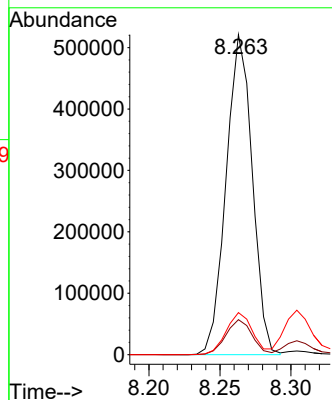
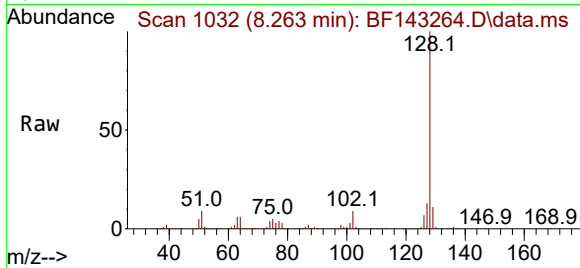




#31
Naphthalene
Concen: 44.968 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

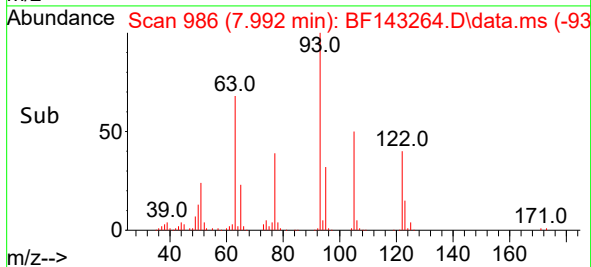
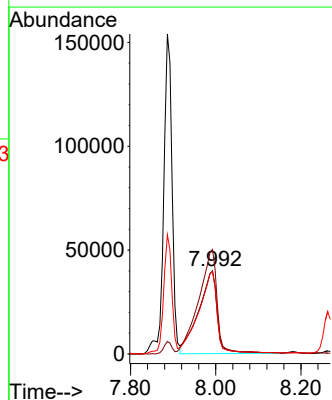
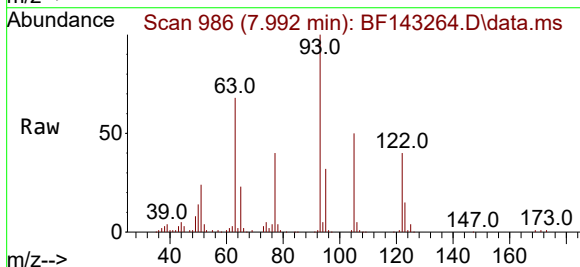
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

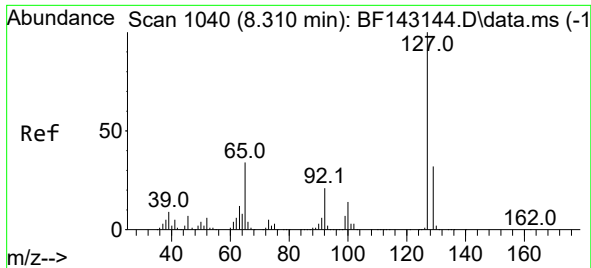
Tgt Ion:128 Resp: 667560
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.532 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:122 Resp: 120785
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 99.5 77.6 117.6

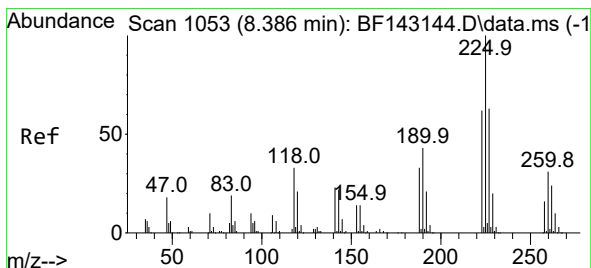
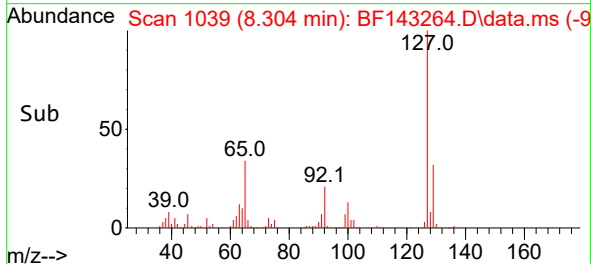
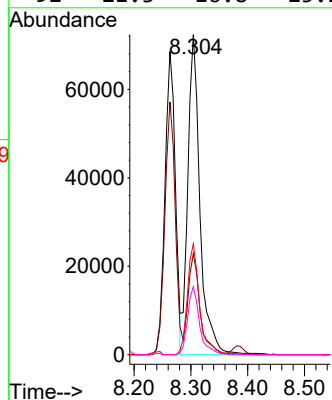
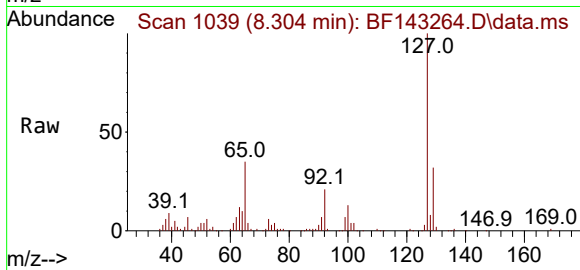




#33
4-Chloroaniline
Concen: 17.811 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

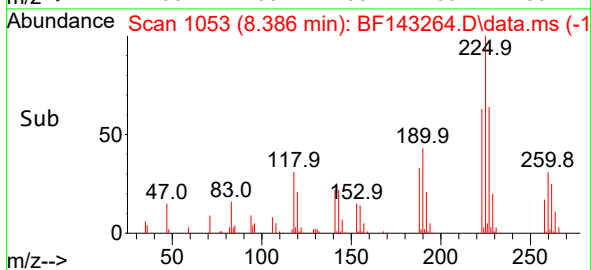
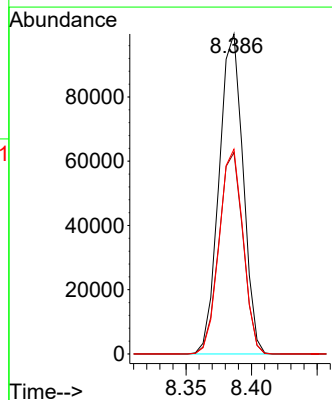
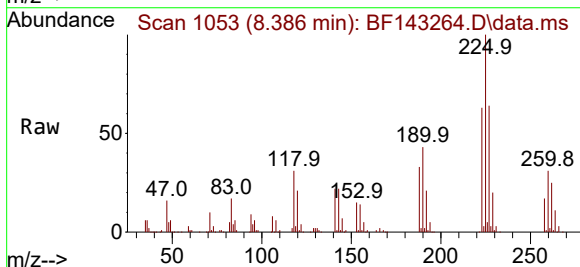
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

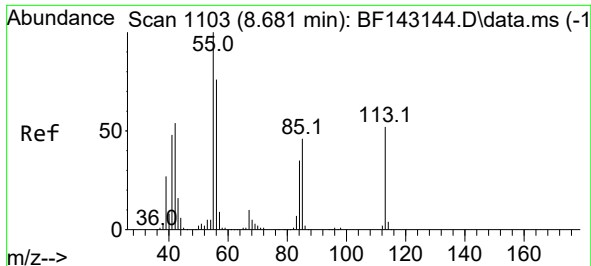
Tgt Ion:	127	Resp:	107962
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	34.7	27.4	41.2
92	21.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.675 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:	225	Resp:	126789
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	64.0	50.2	75.4

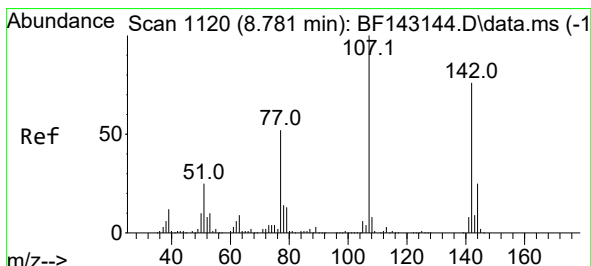
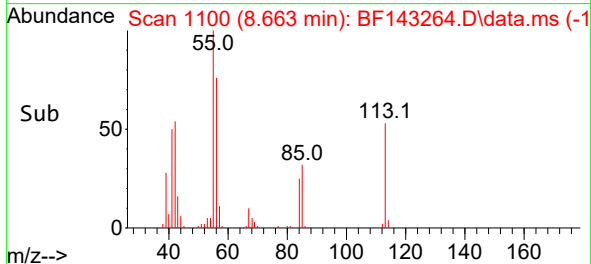
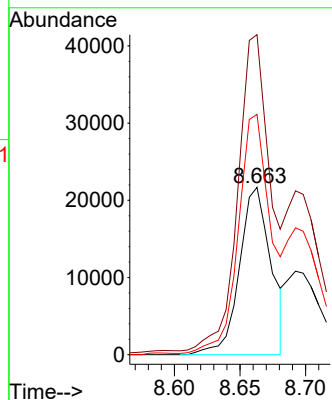
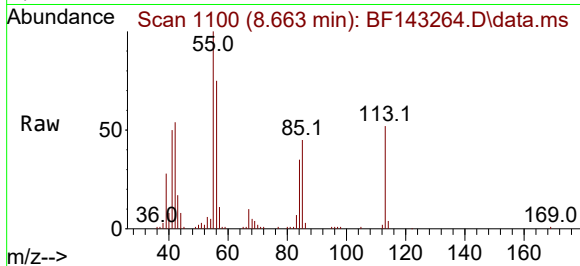




#35
 Caprolactam
 Concen: 28.566 ng
 RT: 8.663 min Scan# 1100
 Delta R.T. -0.018 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

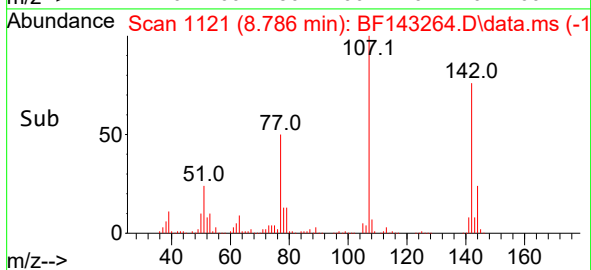
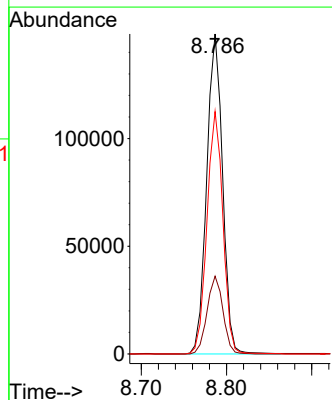
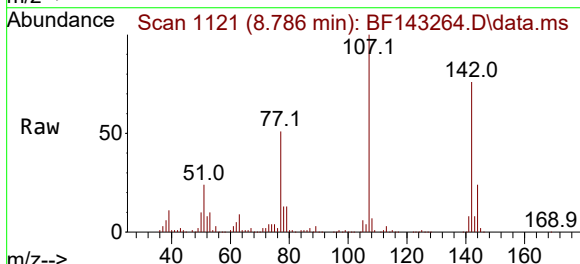
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MS

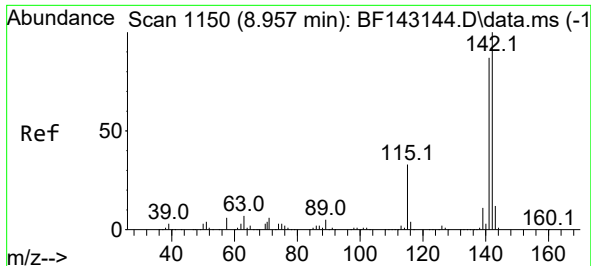
Tgt Ion:113 Resp: 36308
 Ion Ratio Lower Upper
 113 100
 55 191.3 174.0 214.0
 56 143.6 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.136 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

Tgt Ion:107 Resp: 192636
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.6
 142 75.7 60.6 90.8

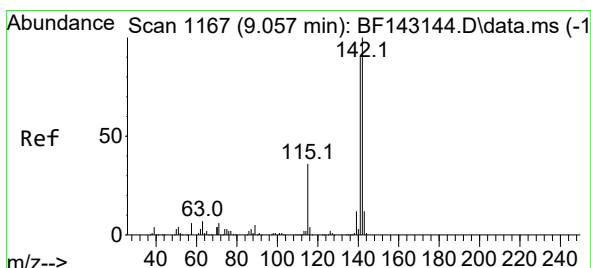
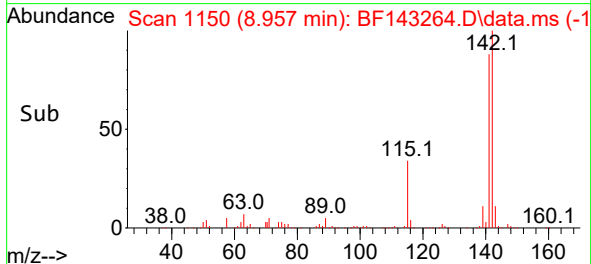
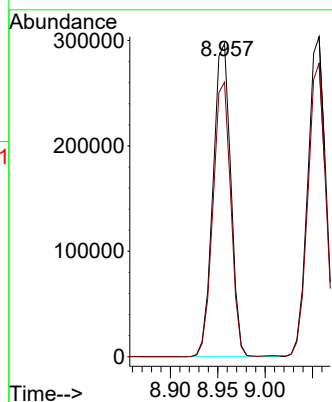
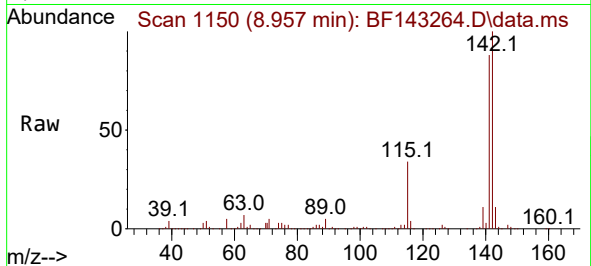




#37
2-Methylnaphthalene
Concen: 42.785 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

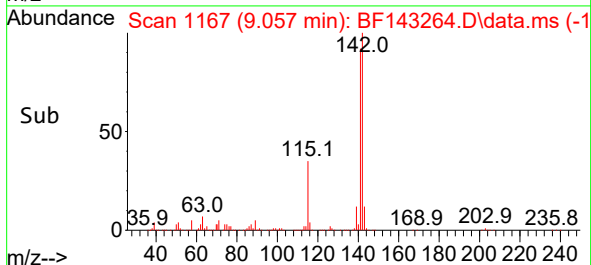
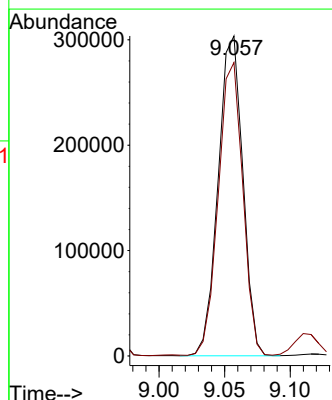
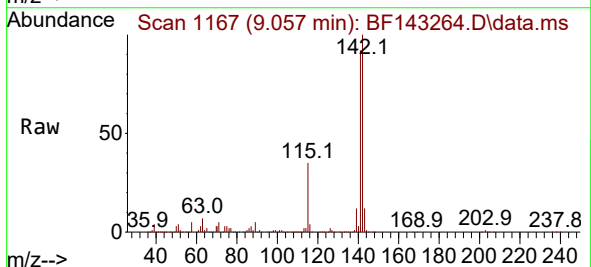
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

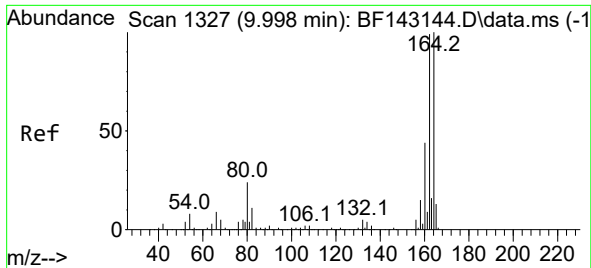
Tgt Ion:142 Resp: 386505
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 42.614 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:142 Resp: 396412
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5

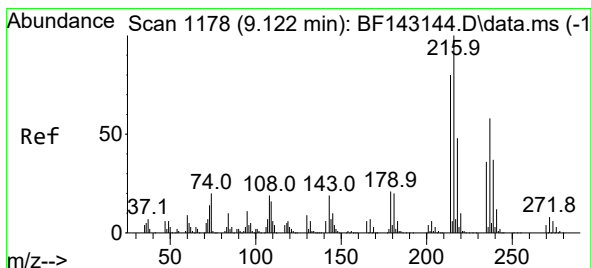
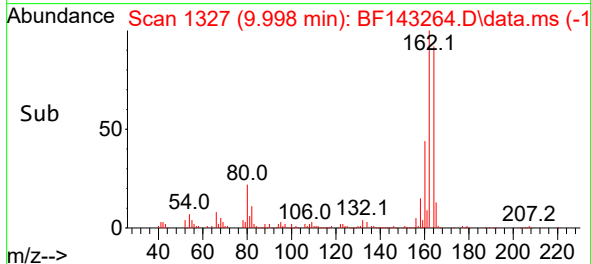
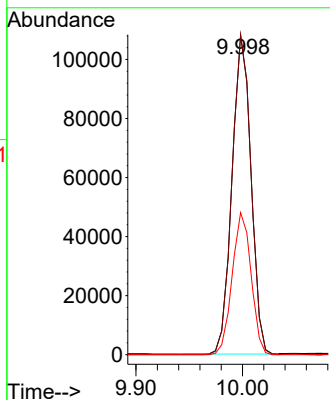
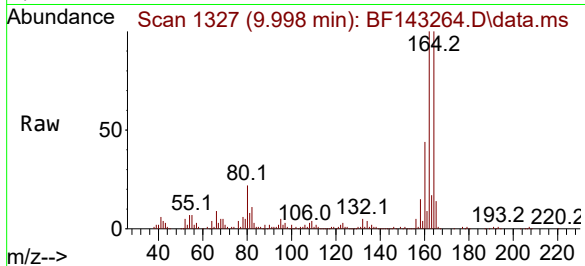




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

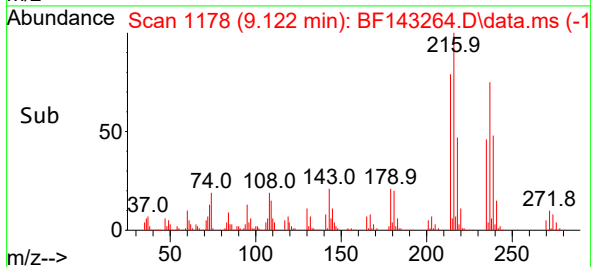
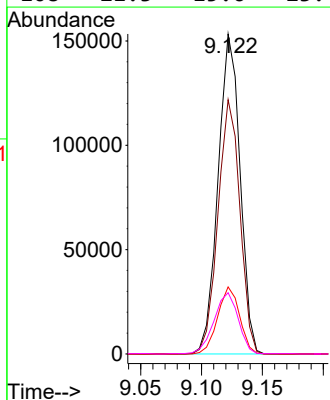
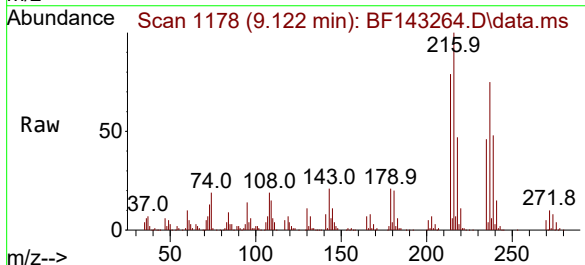
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

Tgt Ion:164 Resp: 133832
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.899 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:216 Resp: 192802
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.8
179 20.9 16.4 24.6
108 21.3 15.6 23.4

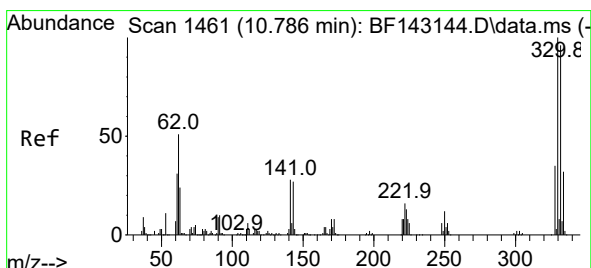
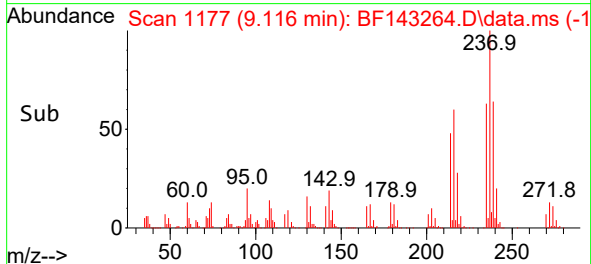
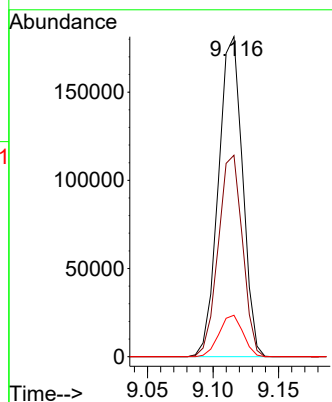
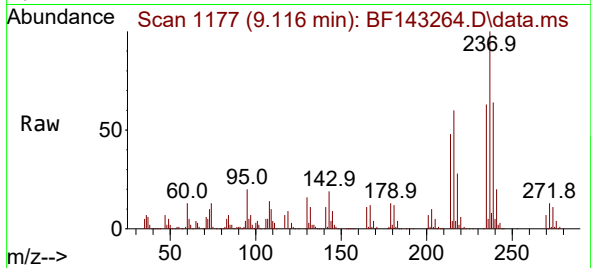




#41
Hexachlorocyclopentadiene
Concen: 92.313 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

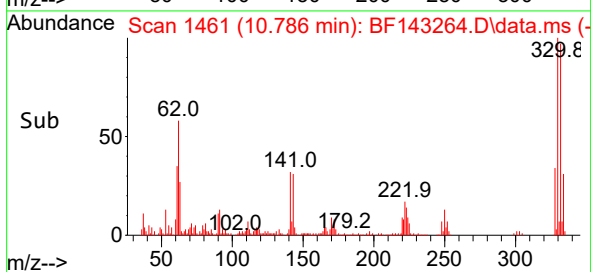
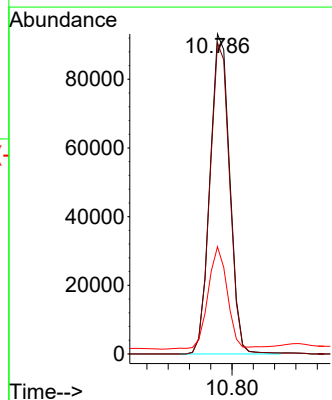
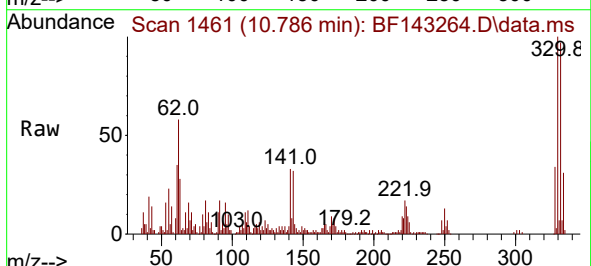
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

Tgt Ion:237 Resp: 232085
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 86.728 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:330 Resp: 119906
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 31.2 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 47.373 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

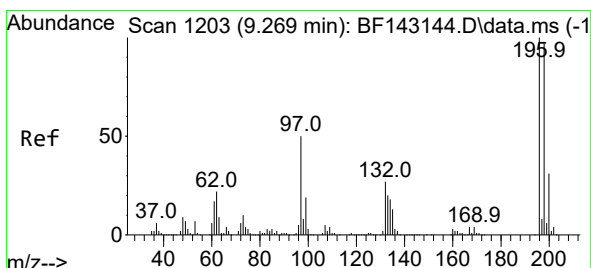
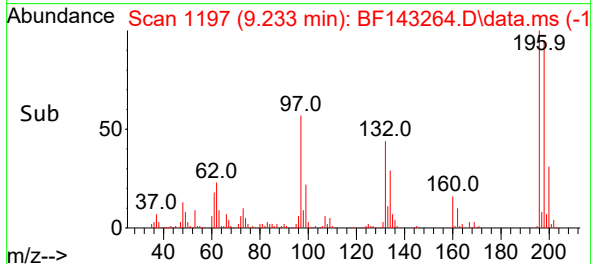
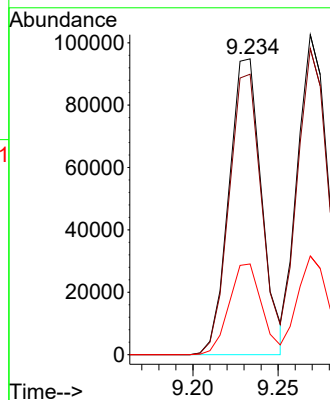
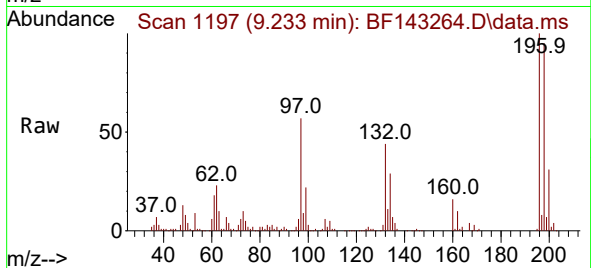
Tgt Ion:196 Resp: 126682

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 30.7 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 48.029 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Tgt Ion:196 Resp: 128474

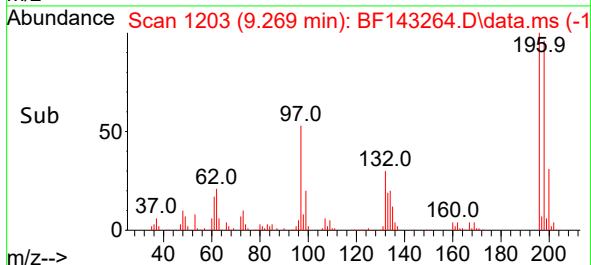
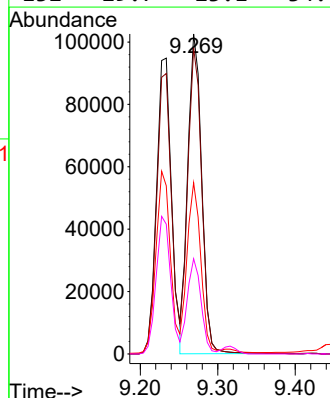
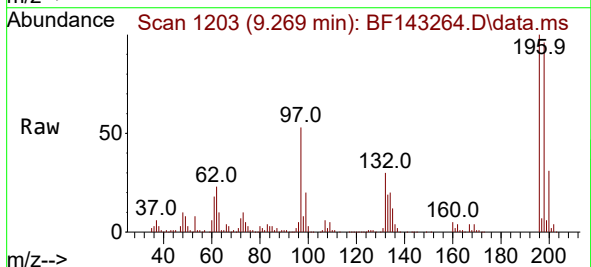
Ion Ratio Lower Upper

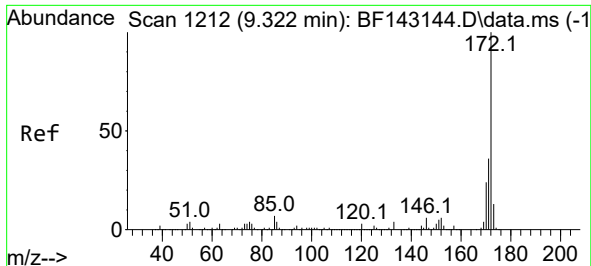
196 100

198 95.6 77.3 115.9

97 53.5 40.3 60.5

132 29.7 23.1 34.7

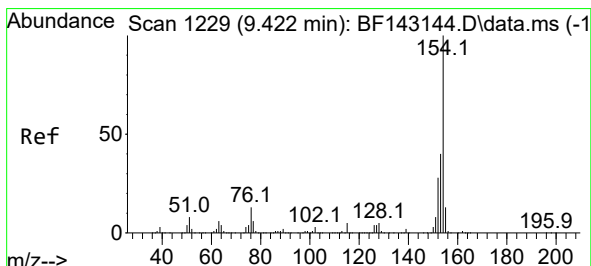
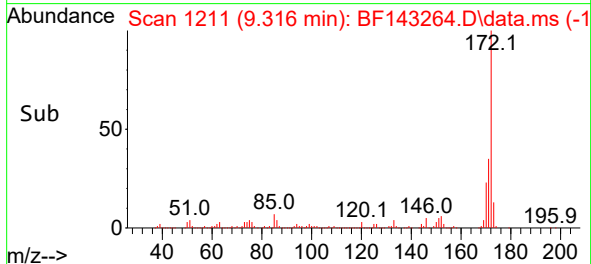
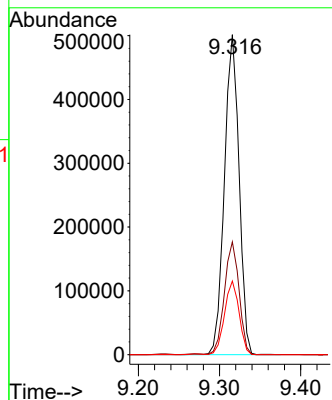
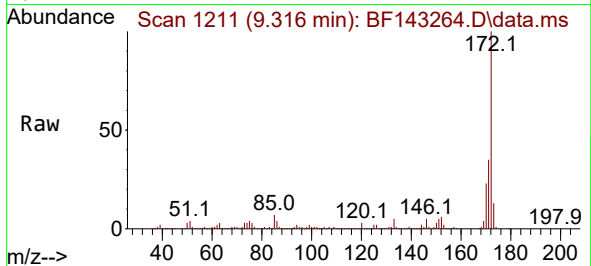




#45
2-Fluorobiphenyl
Concen: 64.409 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

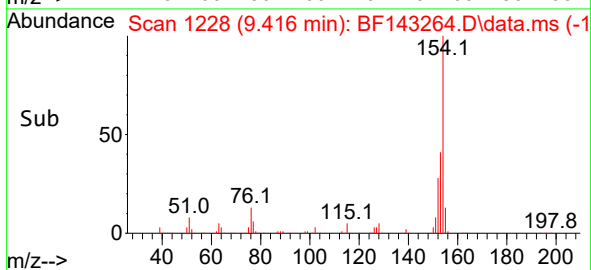
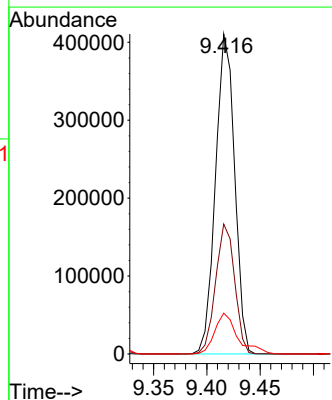
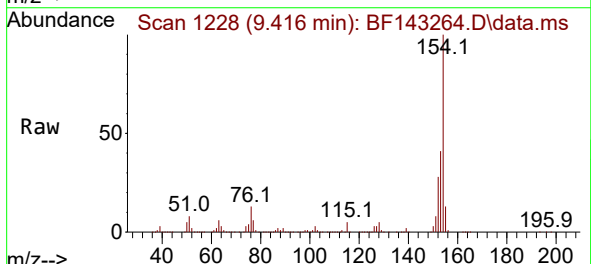
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

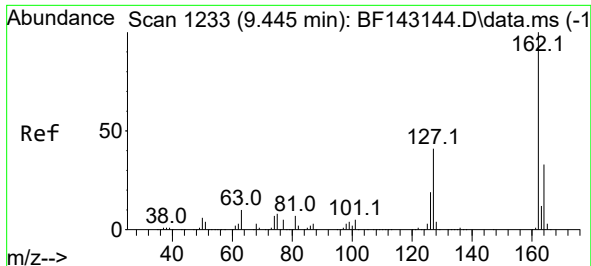
Tgt Ion:172 Resp: 630287
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 48.955 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:154 Resp: 511170
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.8 0.0 33.3

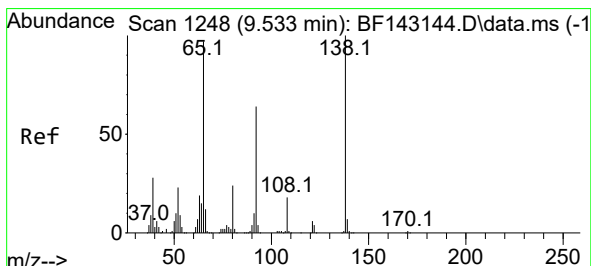
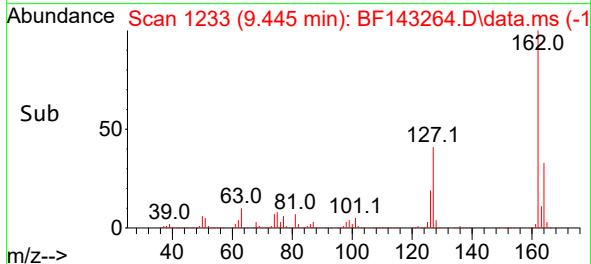
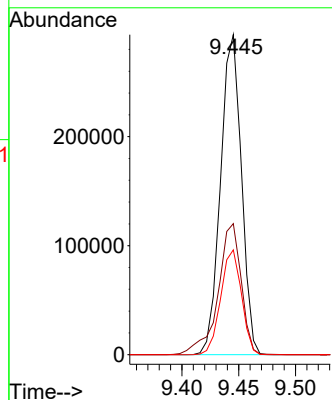
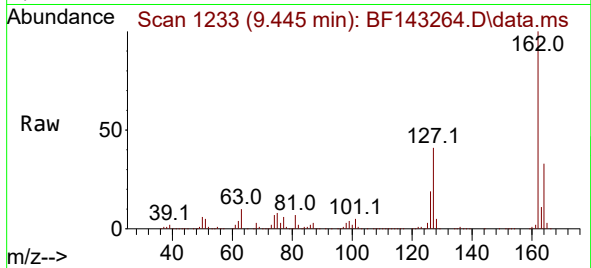




#47
2-Chloronaphthalene
Concen: 48.556 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

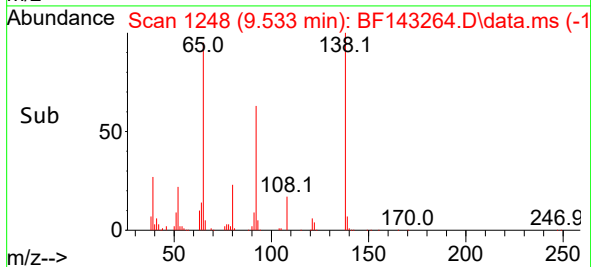
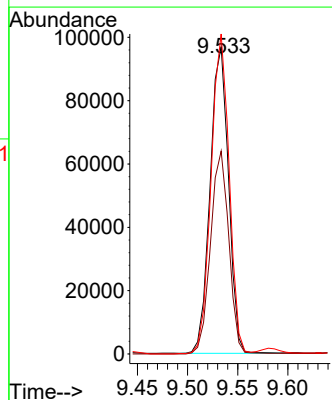
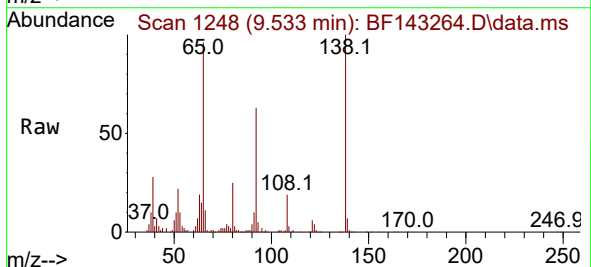
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

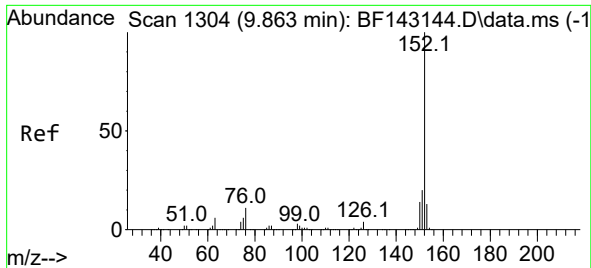
Tgt Ion:162 Resp: 375142
Ion Ratio Lower Upper
162 100
127 40.9 33.4 50.2
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 50.806 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion: 65 Resp: 123095
Ion Ratio Lower Upper
65 100
92 66.0 52.4 78.6
138 104.2 82.3 123.5





#49

Acenaphthylene

Concen: 46.761 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

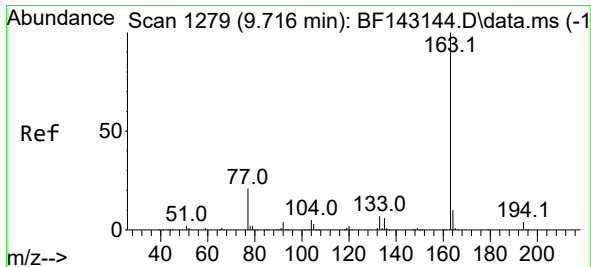
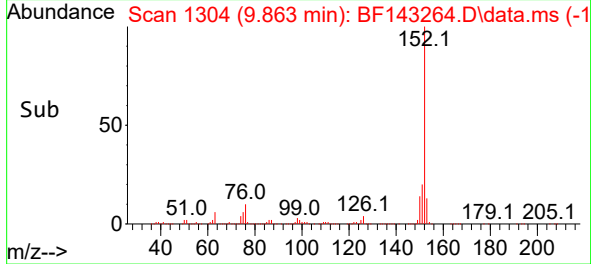
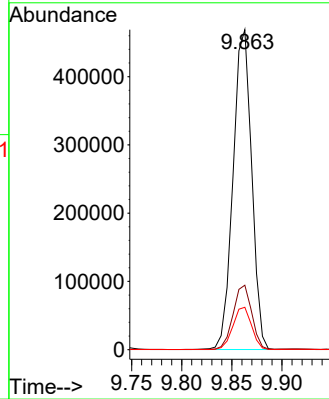
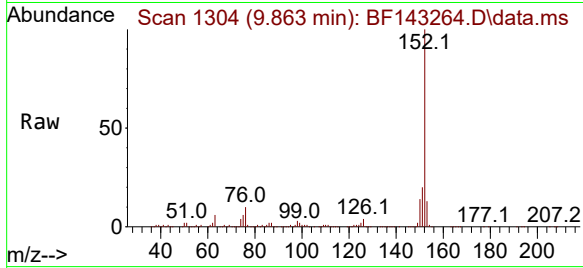
Tgt Ion:152 Resp: 605443

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 47.305 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

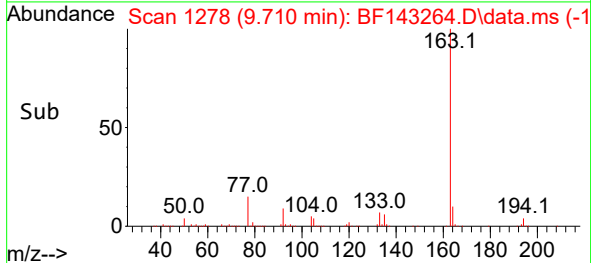
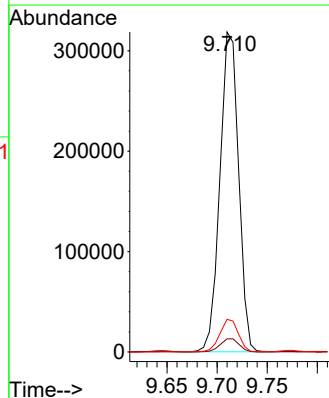
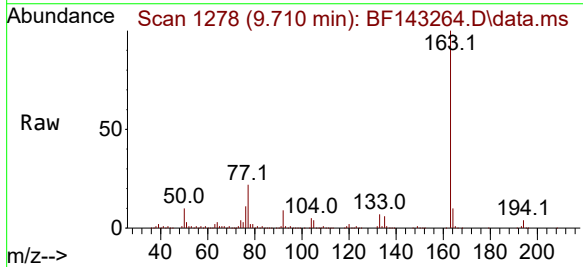
Tgt Ion:163 Resp: 412668

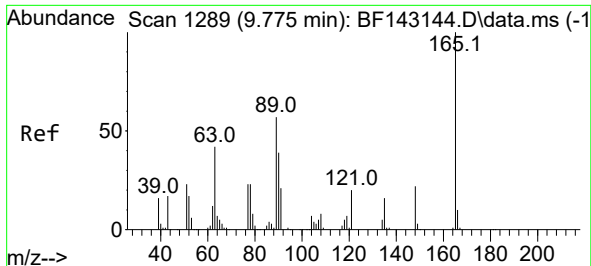
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.2 8.3 12.5

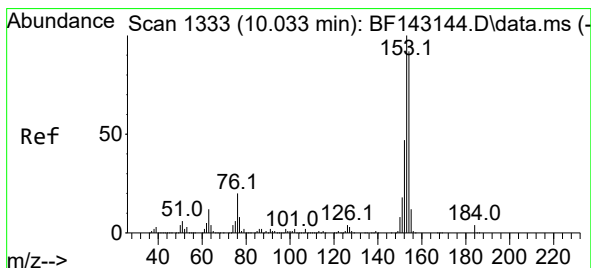
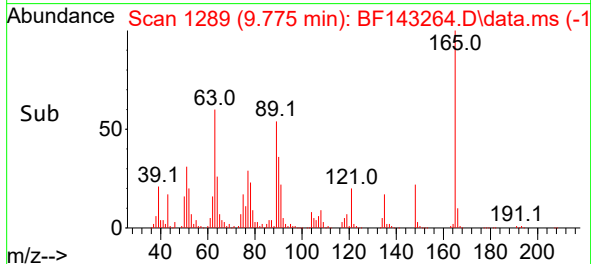
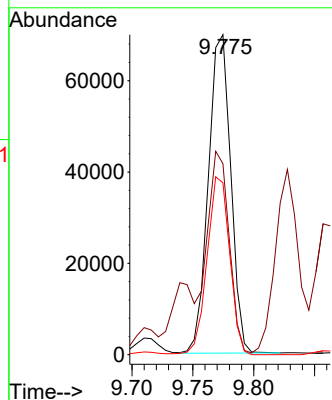
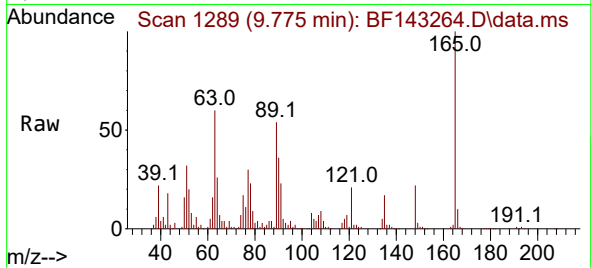




#51
2,6-Dinitrotoluene
Concen: 50.256 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

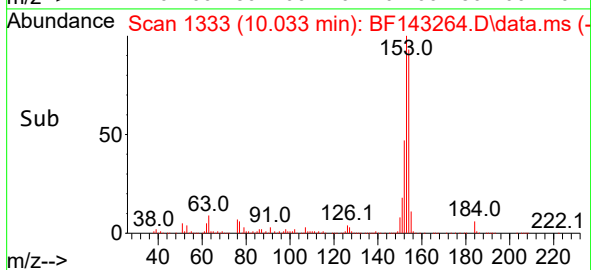
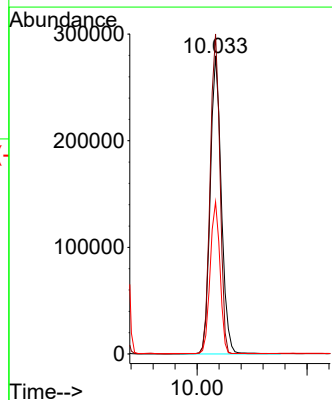
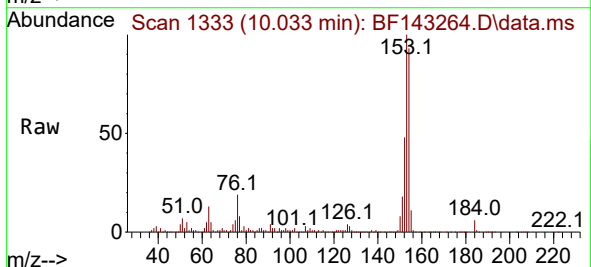
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

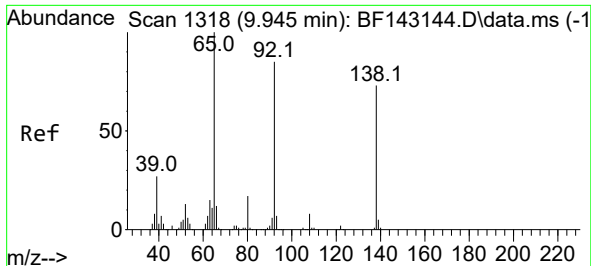
Tgt Ion:165 Resp: 89186
Ion Ratio Lower Upper
165 100
63 59.7 49.4 74.2
89 53.7 46.2 69.2



#52
Acenaphthene
Concen: 51.008 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:154 Resp: 390341
Ion Ratio Lower Upper
154 100
153 107.4 86.6 129.8
152 51.0 40.4 60.6

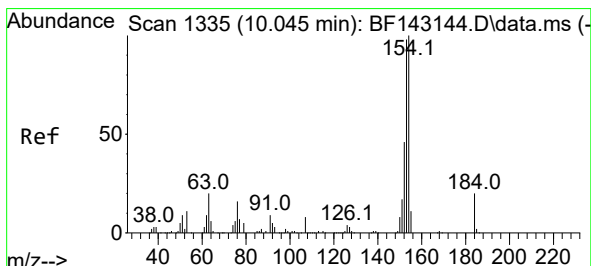
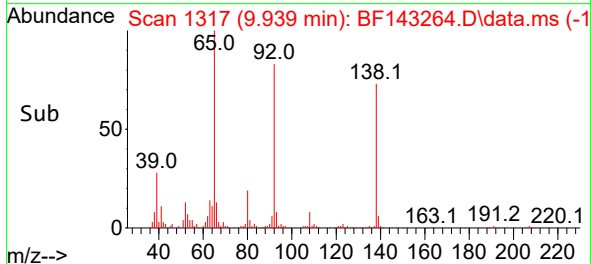
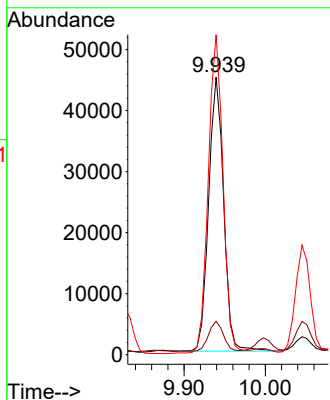
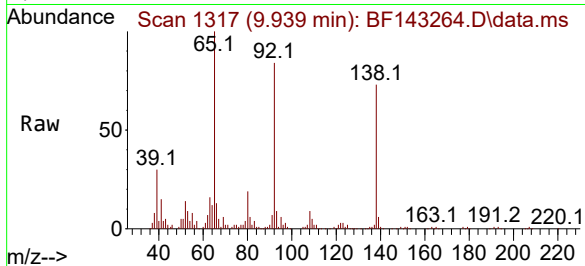




#53
3-Nitroaniline
Concen: 27.662 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

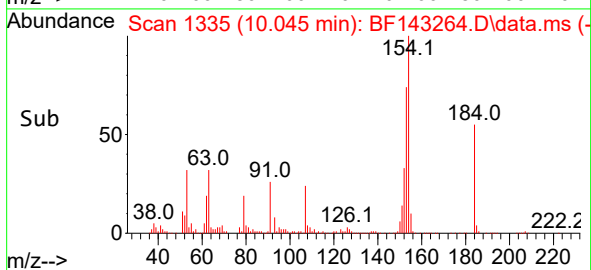
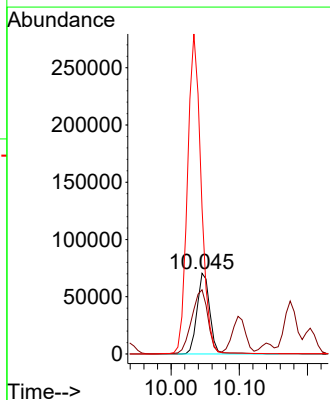
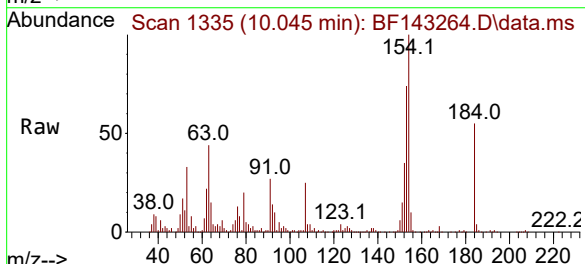
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

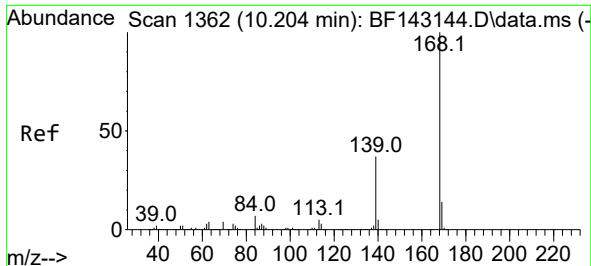
Tgt Ion:138 Resp: 57418
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.6
92 115.2 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 111.267 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:184 Resp: 91777
Ion Ratio Lower Upper
184 100
63 79.5 81.8 122.6#
154 180.9 412.2 618.4#

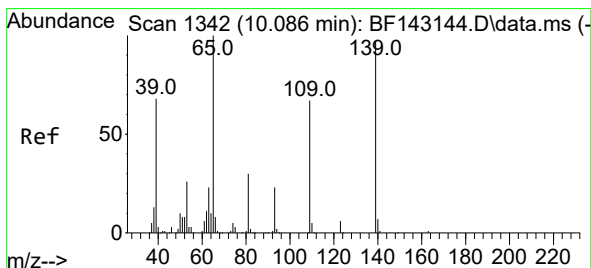
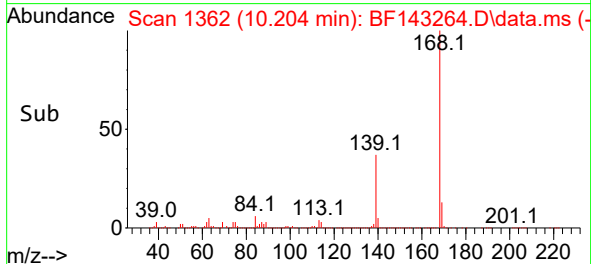
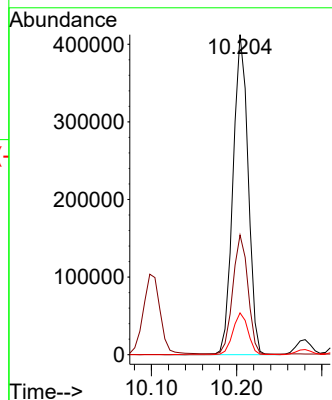
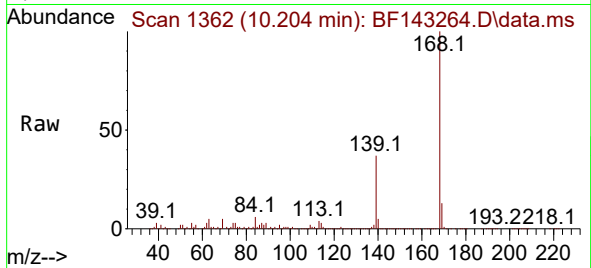




#55
Dibenzenofuran
Concen: 44.758 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

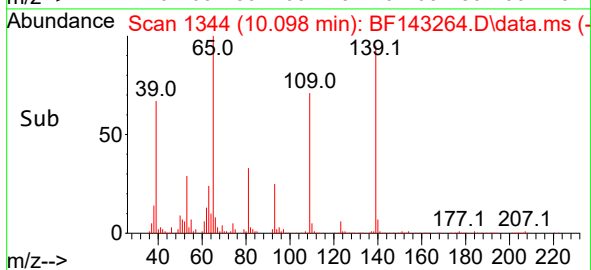
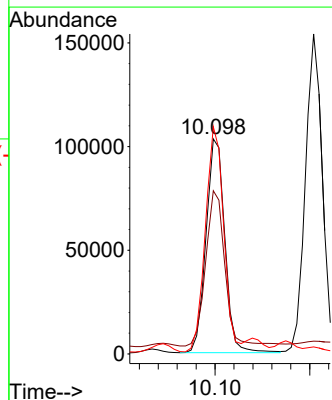
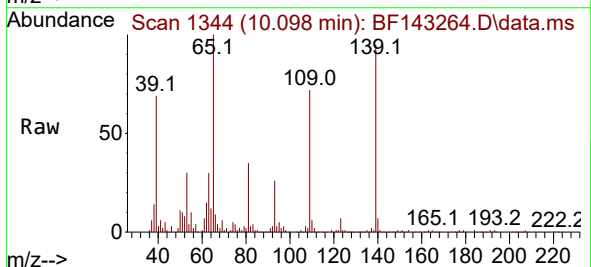
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

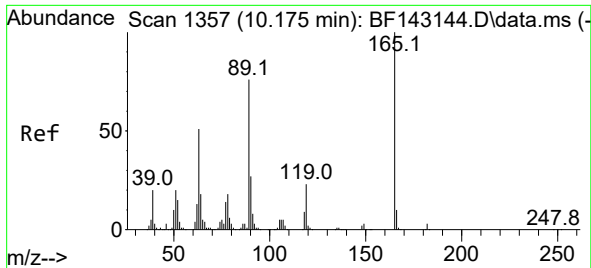
Tgt Ion:168 Resp: 508527
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 91.430 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:139 Resp: 141719
Ion Ratio Lower Upper
139 100
109 75.9 48.5 88.5
65 105.6 83.4 123.4

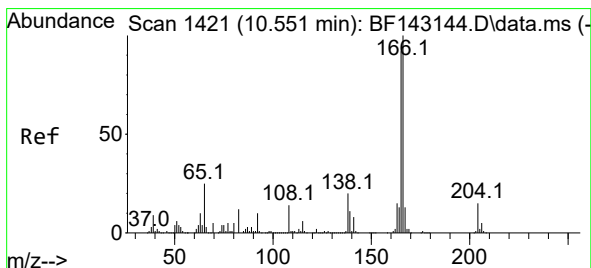
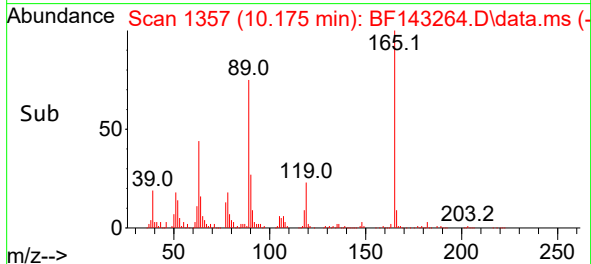
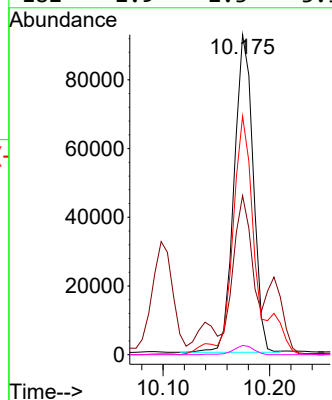
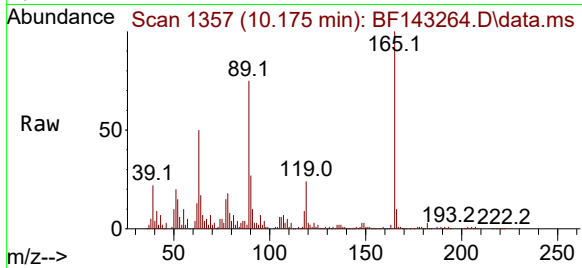




#57
2,4-Dinitrotoluene
Concen: 51.715 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

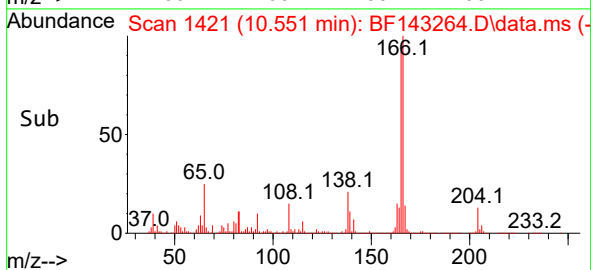
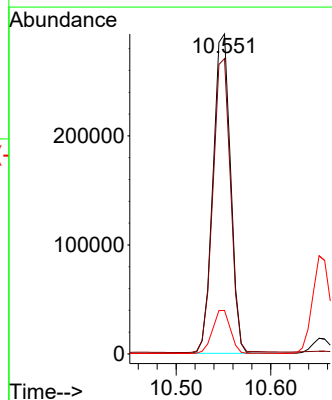
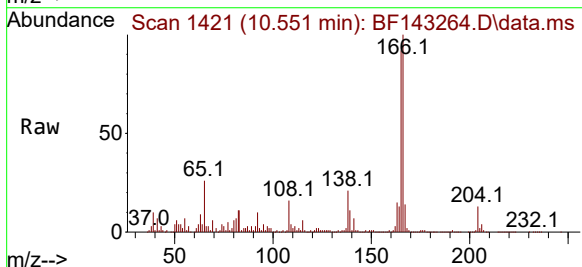
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

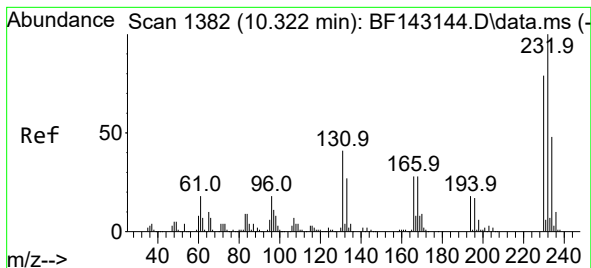
Tgt Ion:165 Resp: 115140
Ion Ratio Lower Upper
165 100
63 49.7 41.0 61.4
89 74.6 61.1 91.7
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.123 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:166 Resp: 376245
Ion Ratio Lower Upper
166 100
165 92.3 73.7 110.5
167 13.6 10.6 16.0

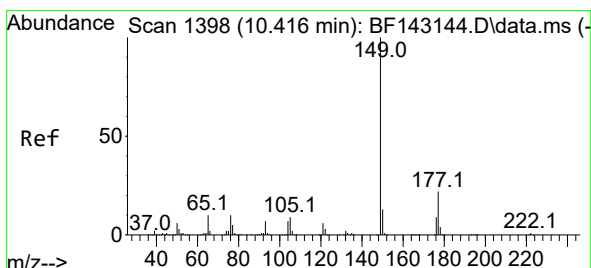
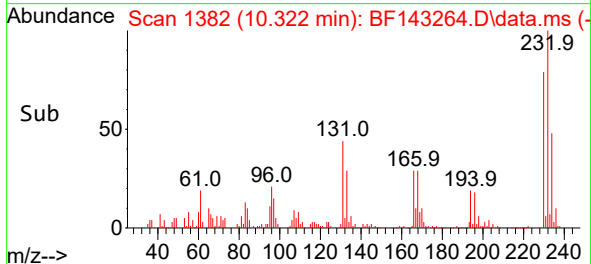
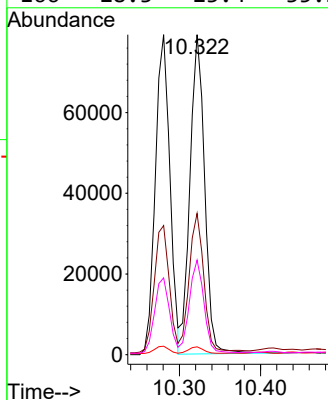
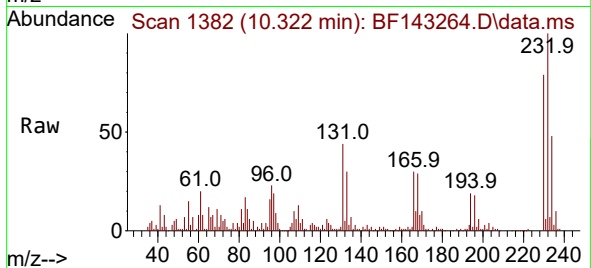




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.942 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

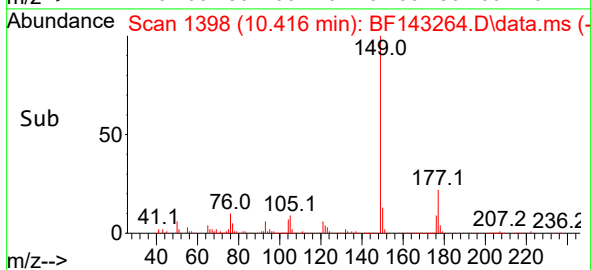
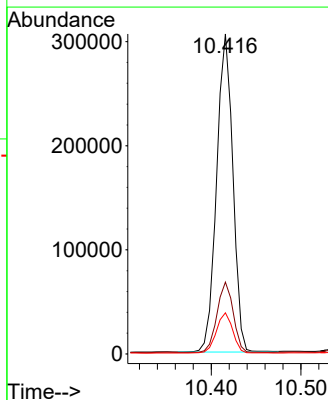
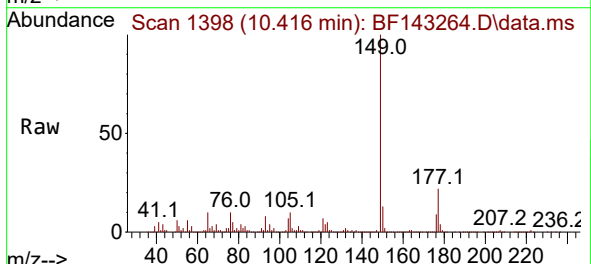
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

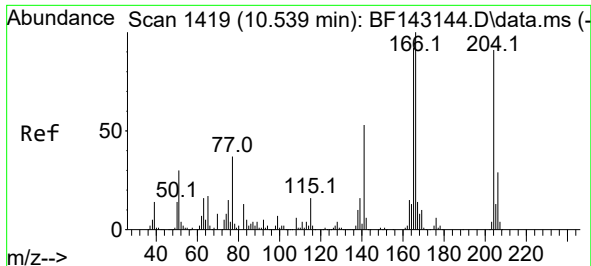
Tgt Ion:232	Resp:	99584
Ion Ratio	Lower	Upper
232	100	
131	42.5	35.3 52.9
130	2.0	1.7 2.5
166	28.3	23.4 35.2



#60
Diethylphthalate
Concen: 44.656 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:149	Resp:	385041
Ion Ratio	Lower	Upper
149	100	
177	22.4	17.5 26.3
150	12.8	10.2 15.2

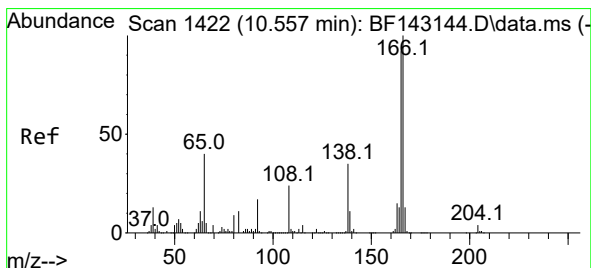
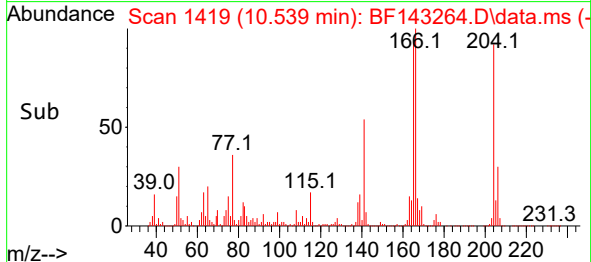
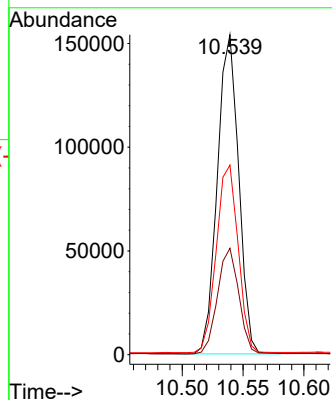
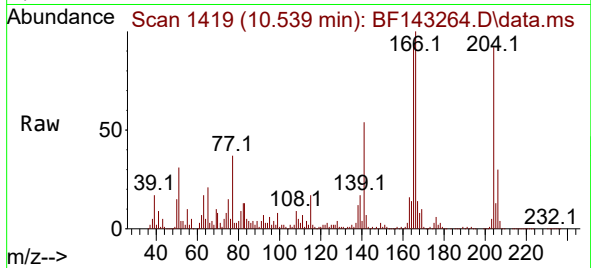




#61
4-Chlorophenyl-phenylether
Concen: 44.184 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

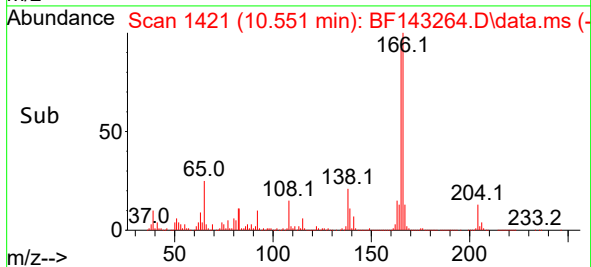
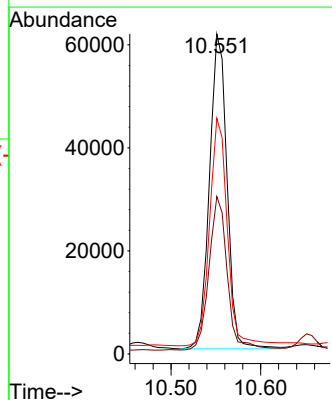
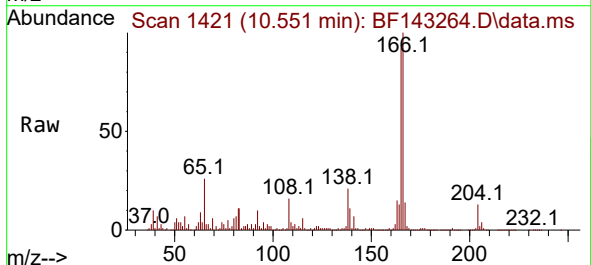
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

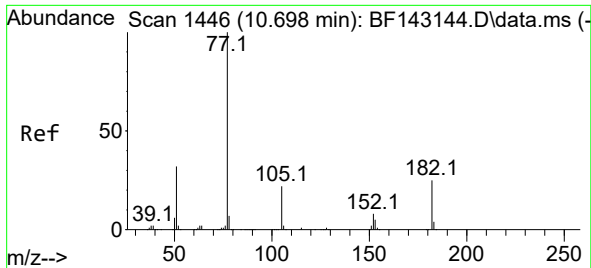
Tgt Ion:204 Resp: 187604
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 59.3 47.0 70.4



#62
4-Nitroaniline
Concen: 46.748 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:138 Resp: 83165
Ion Ratio Lower Upper
138 100
92 49.2 29.3 69.3
108 73.6 48.3 88.3

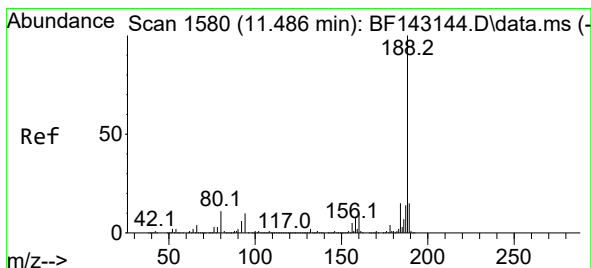
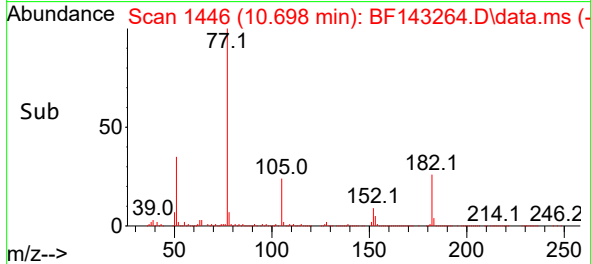
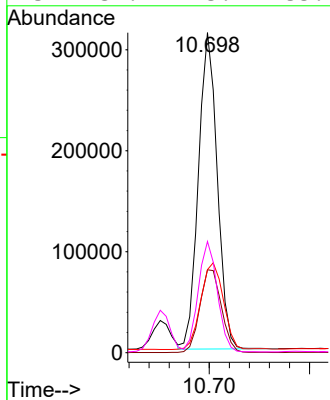
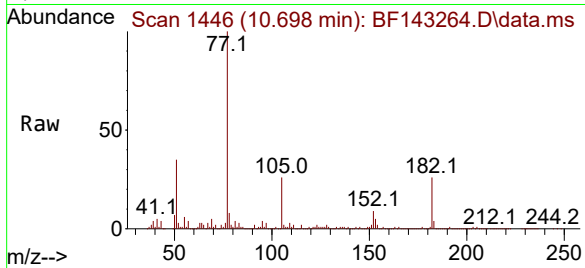




#63
 Azobenzene
 Concen: 45.613 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

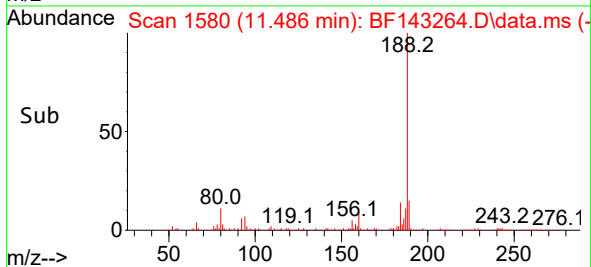
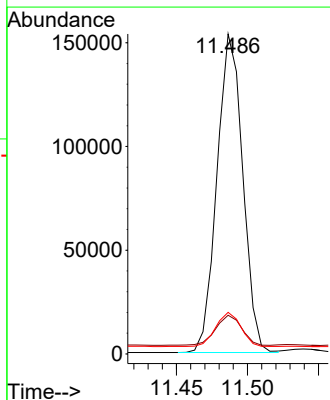
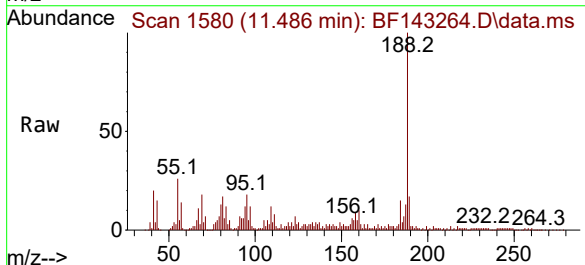
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MS

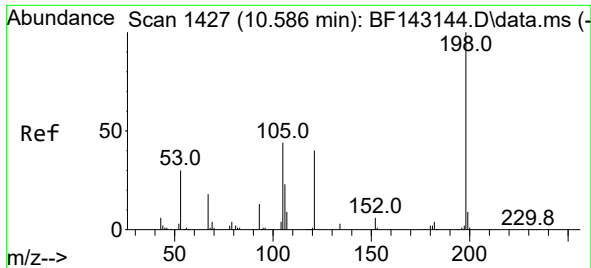
Tgt Ion: 77	Resp: 409898
Ion Ratio	Lower Upper
77 100	
182 25.9	4.6 44.6
105 26.0	1.4 41.4
51 34.7	13.7 53.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.486 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

Tgt Ion: 188	Resp: 193691
Ion Ratio	Lower Upper
188 100	
94 12.1	8.3 12.5
80 13.0	9.0 13.6

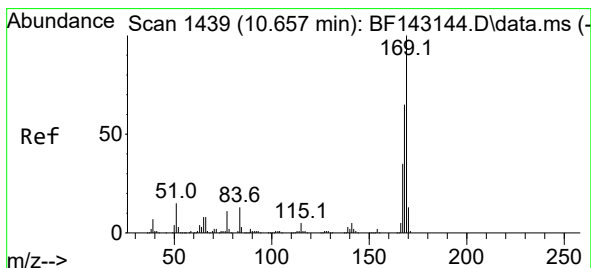
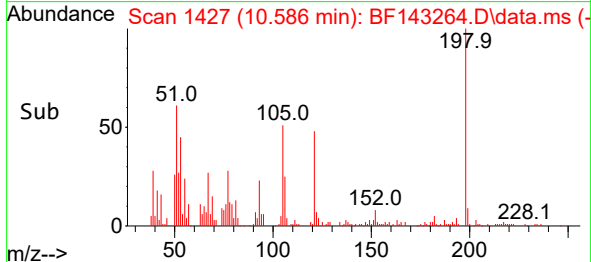
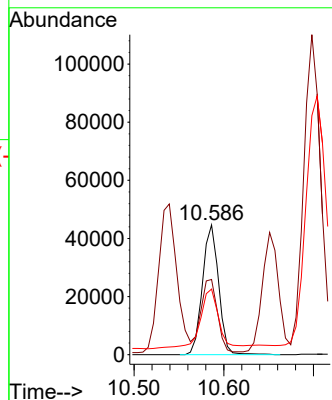
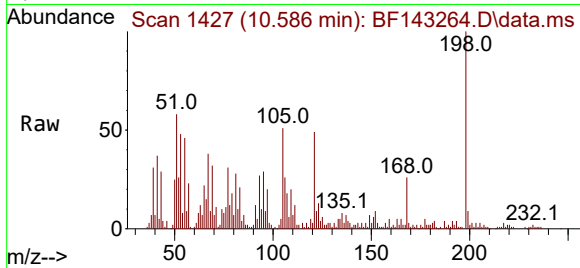




#65
4,6-Dinitro-2-methylphenol
Concen: 54.134 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

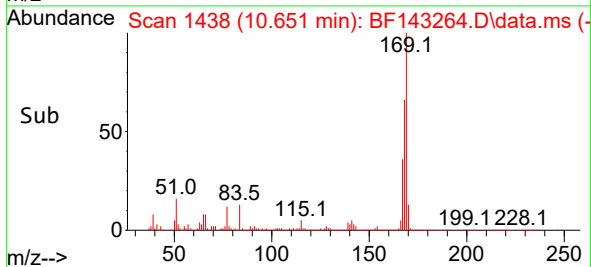
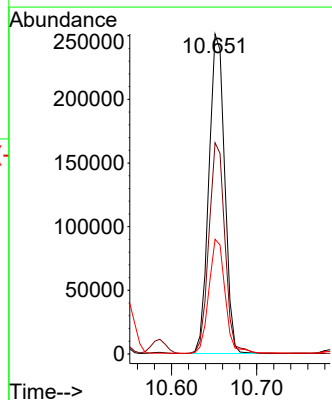
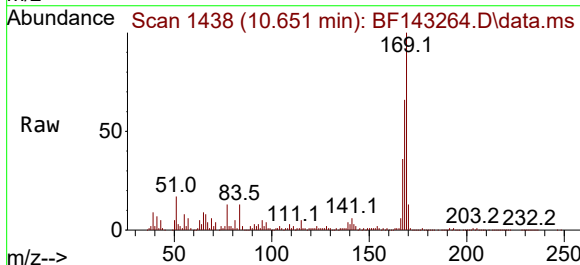
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

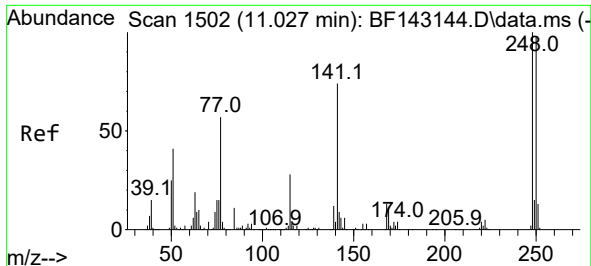
Tgt Ion:198 Resp: 55758
Ion Ratio Lower Upper
198 100
51 57.9 37.2 77.2
105 50.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 47.358 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:169 Resp: 323003
Ion Ratio Lower Upper
169 100
168 66.0 52.1 78.1
167 35.8 28.2 42.2

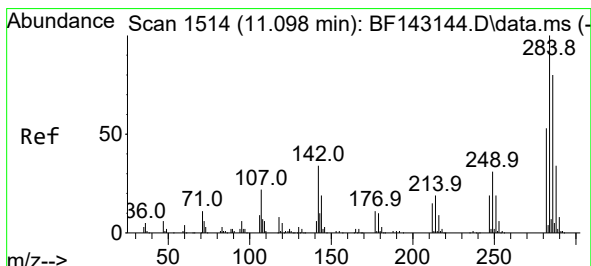
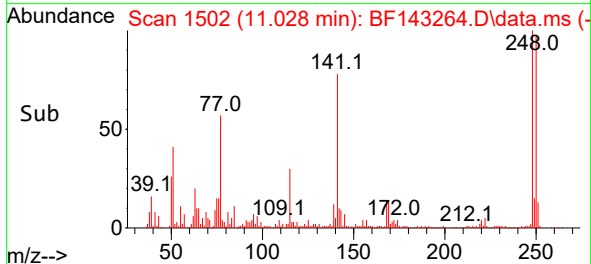
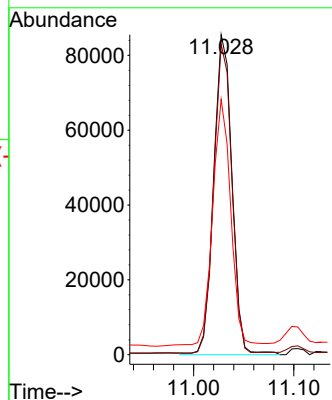
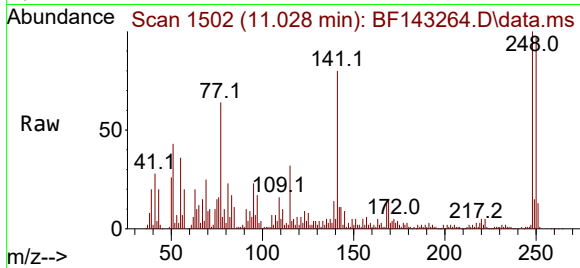




#67
4-Bromophenyl-phenylether
Concen: 47.264 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

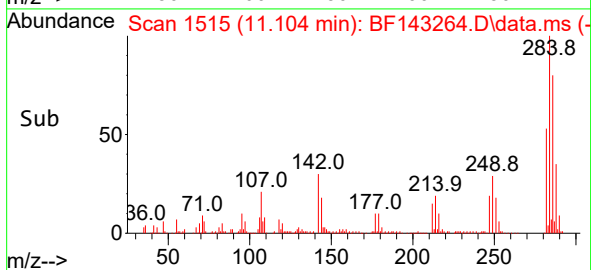
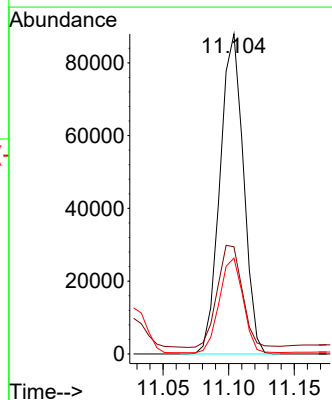
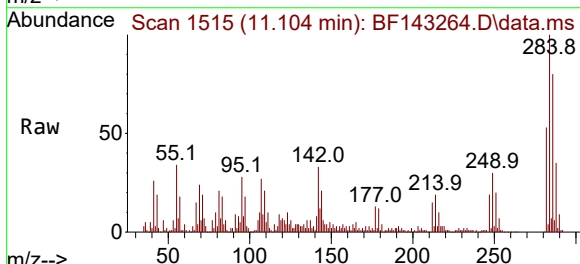
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

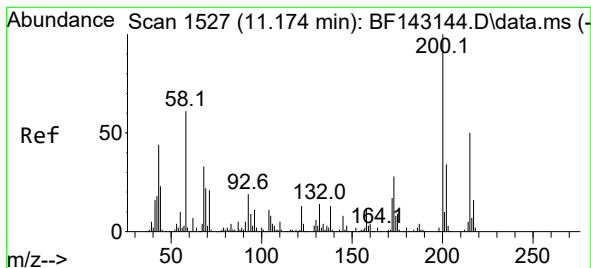
Tgt Ion:248 Resp: 109099
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 79.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 45.296 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:284 Resp: 109283
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.0 25.0 37.6





#69

Atrazine

Concen: 50.517 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

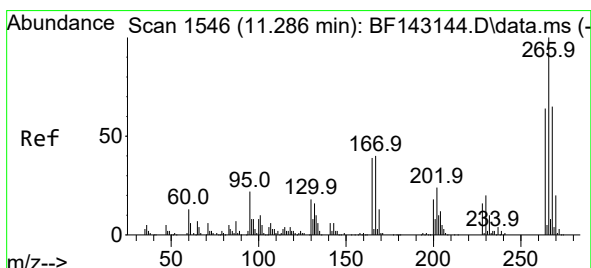
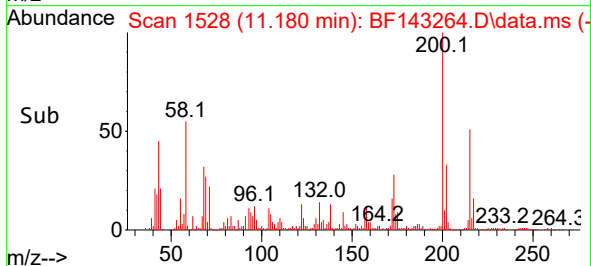
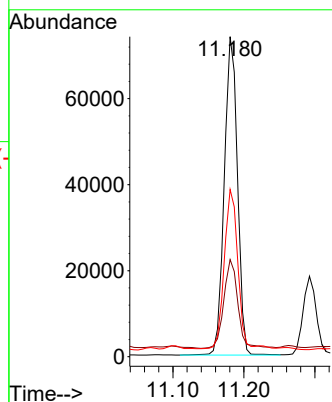
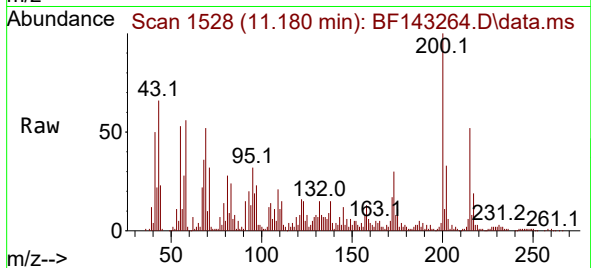
Tgt Ion:200 Resp: 94988

Ion Ratio Lower Upper

200 100

173 30.3 7.9 47.9

215 52.2 30.1 70.1



#70

Pentachlorophenol

Concen: 94.927 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

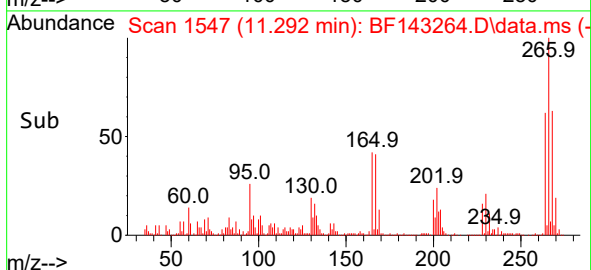
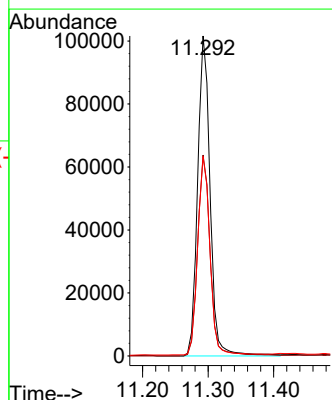
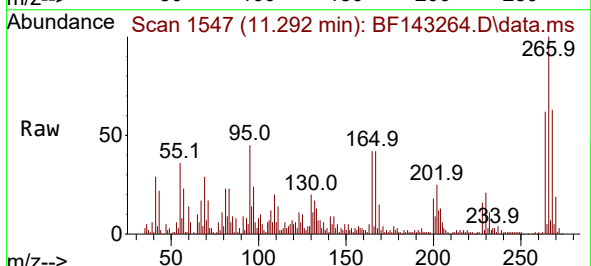
Tgt Ion:266 Resp: 134685

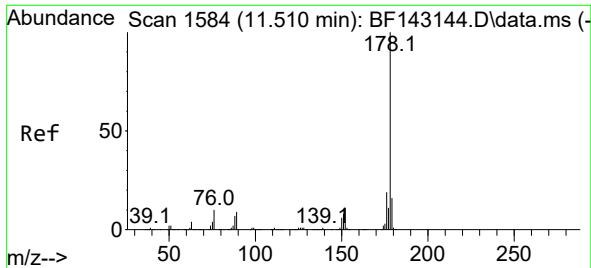
Ion Ratio Lower Upper

266 100

268 62.8 51.9 77.9

264 62.4 51.0 76.6

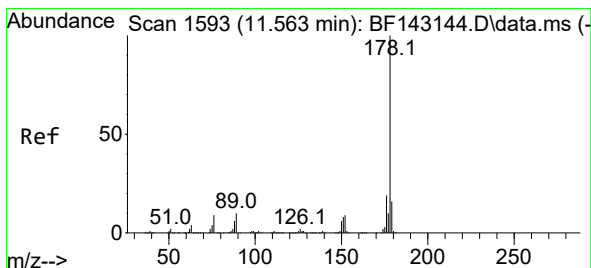
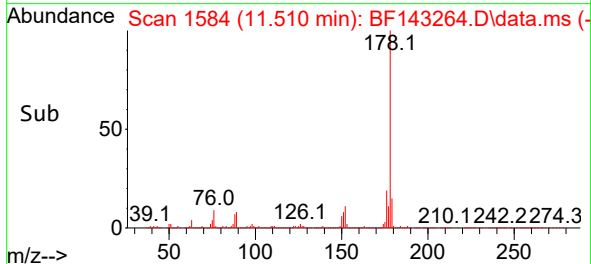
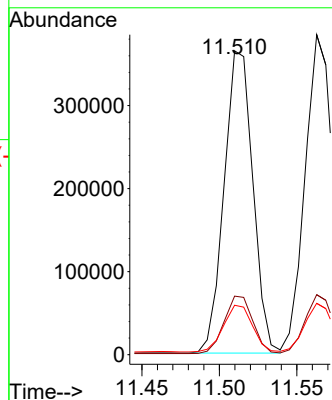
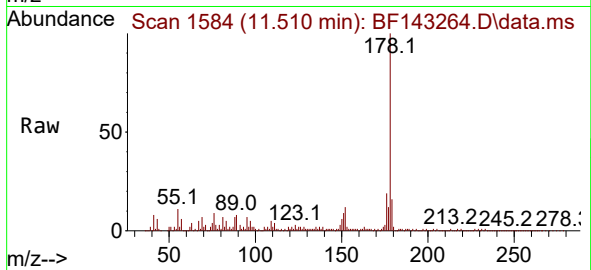




#71
Phenanthrene
Concen: 45.714 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

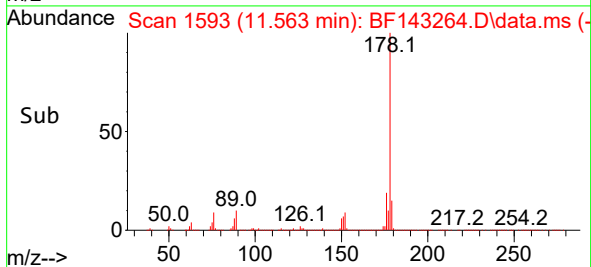
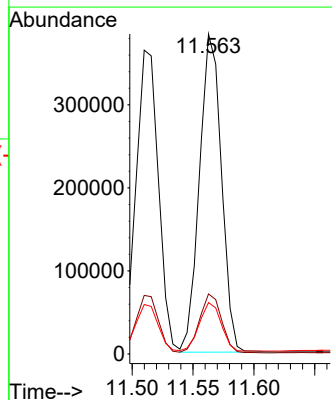
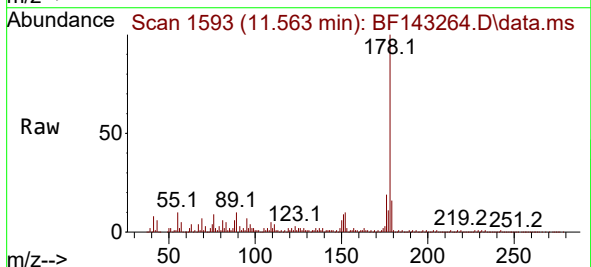
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

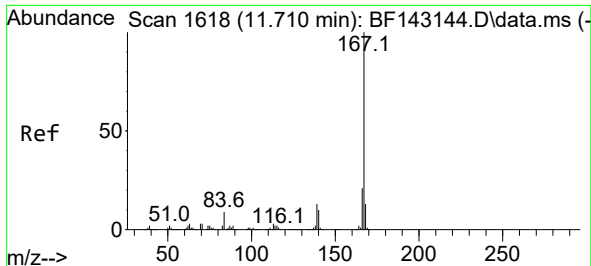
Tgt Ion:178 Resp: 470142
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.3 12.5 18.7



#72
Anthracene
Concen: 45.875 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:178 Resp: 481178
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.1 12.5 18.7

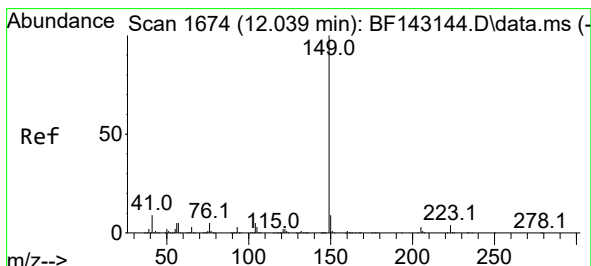
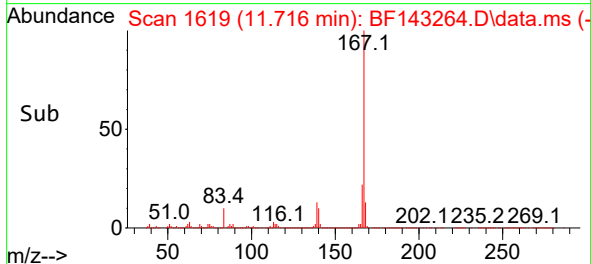
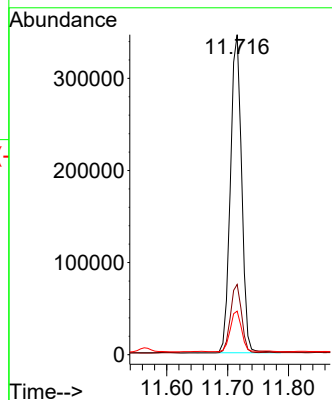
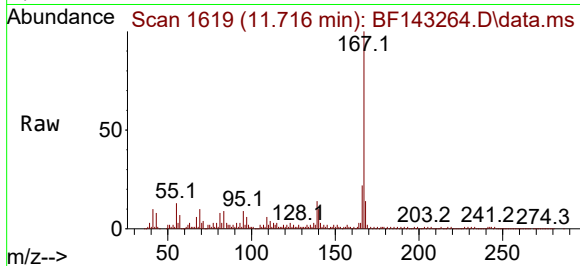




#73
Carbazole
Concen: 48.452 ng
RT: 11.716 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

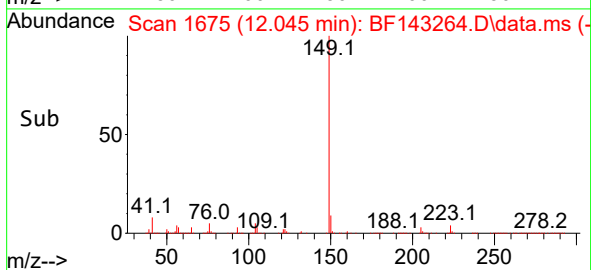
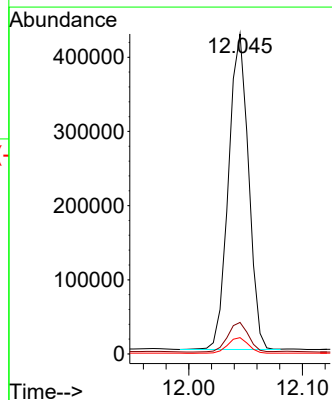
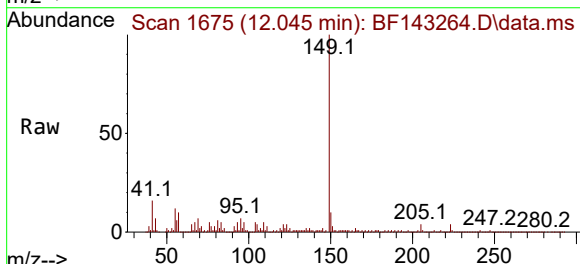
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

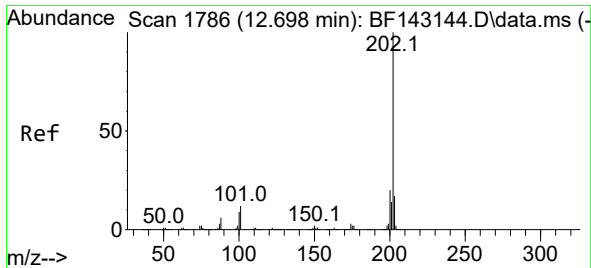
Tgt Ion:167 Resp: 443765
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.6 10.0 15.0



#74
Di-n-butylphthalate
Concen: 50.255 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:149 Resp: 520807
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.2
104 5.1 3.8 5.8

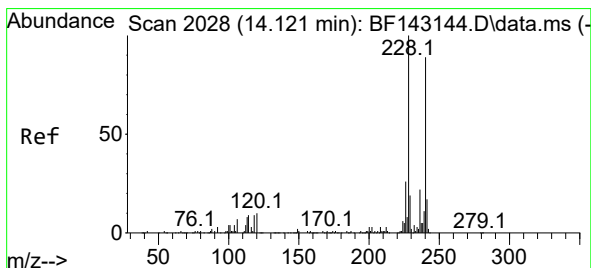
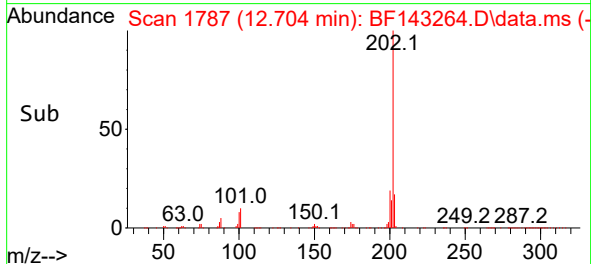
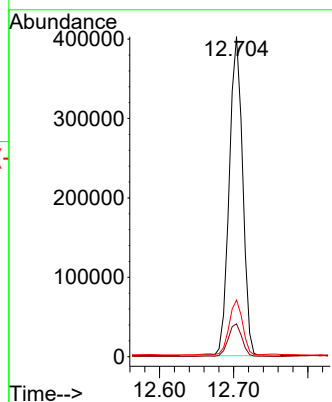
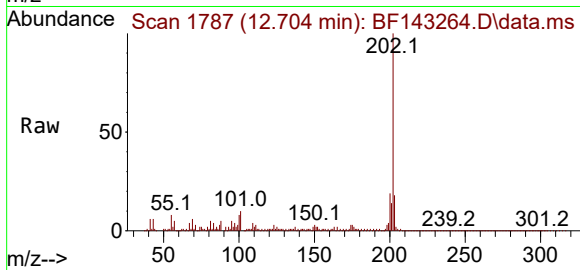




#75
Fluoranthene
Concen: 53.516 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

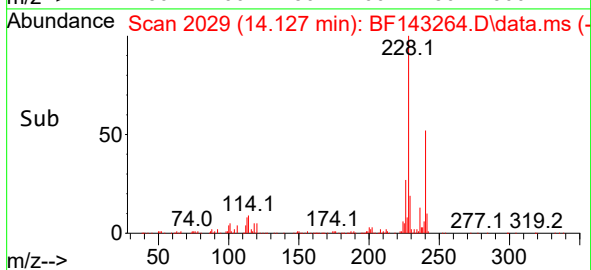
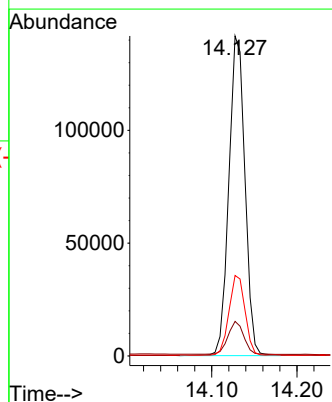
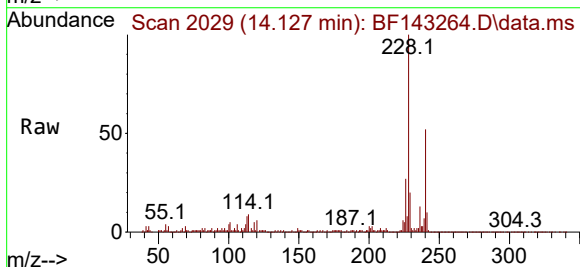
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

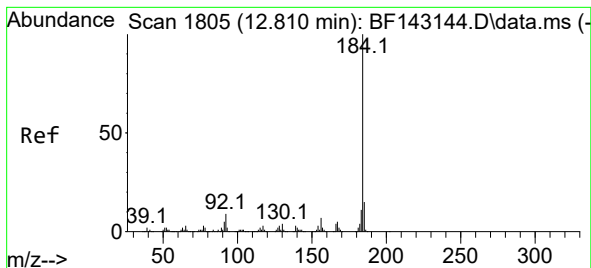
Tgt Ion:202 Resp: 505177
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.7
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:240 Resp: 185212
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.1 20.2 30.4





#77

Benzidine

Concen: 30.075 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

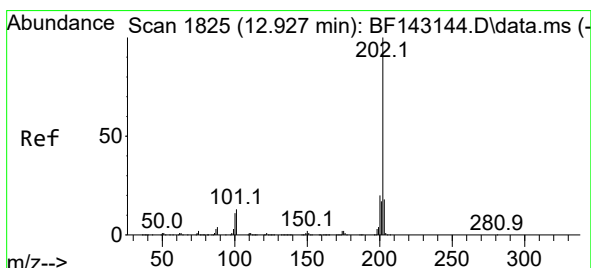
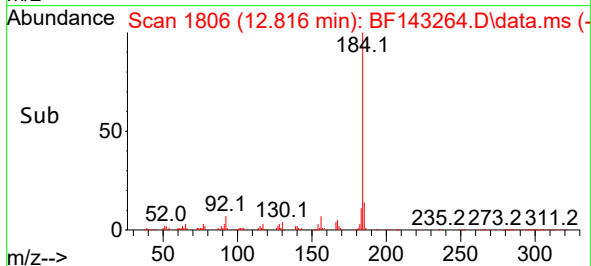
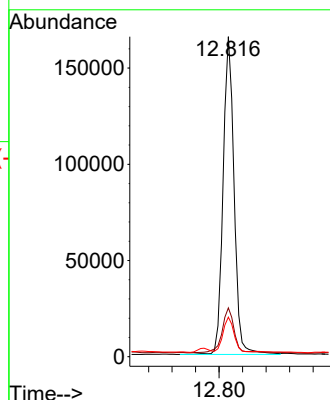
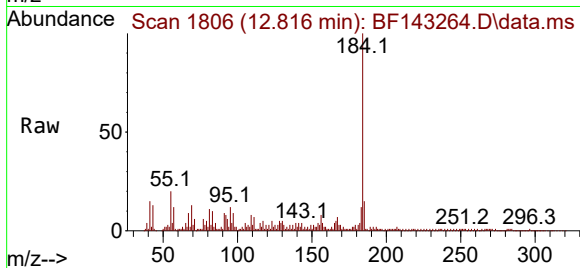
Tgt Ion:184 Resp: 214605

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

183 12.4 9.0 13.4



#78

Pyrene

Concen: 32.919 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

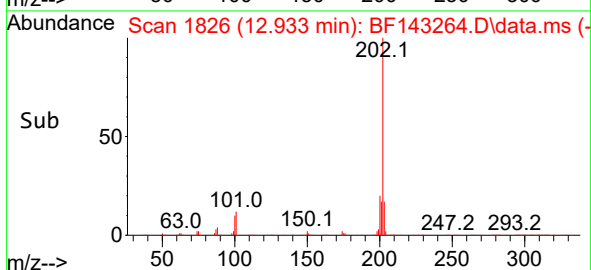
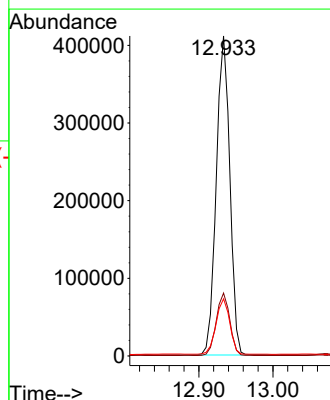
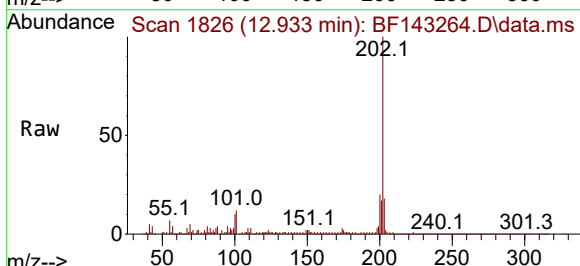
Tgt Ion:202 Resp: 520344

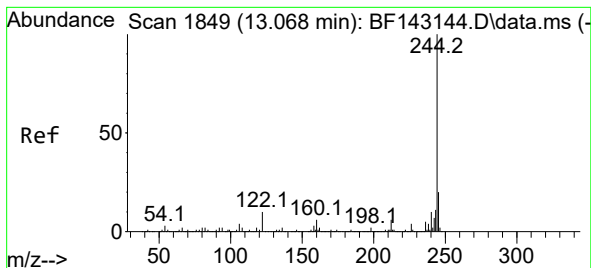
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 42.776 ng

RT: 13.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

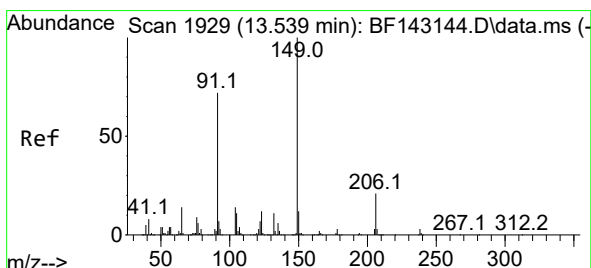
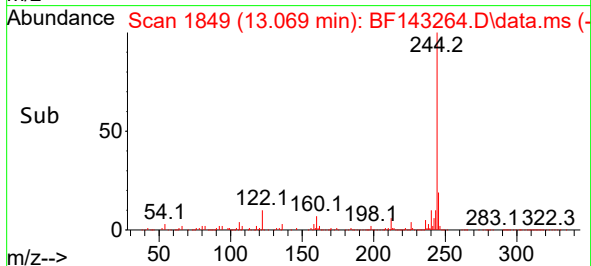
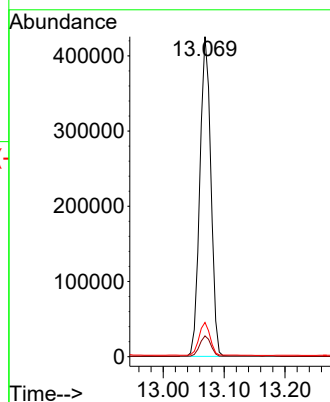
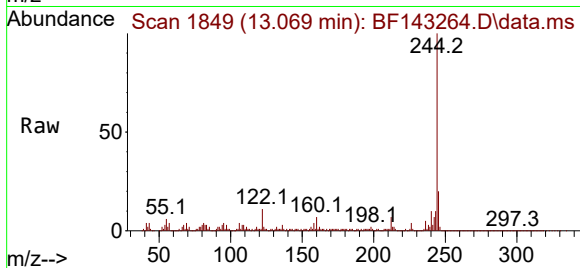
Tgt Ion:244 Resp: 532398

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 48.021 ng

RT: 13.545 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

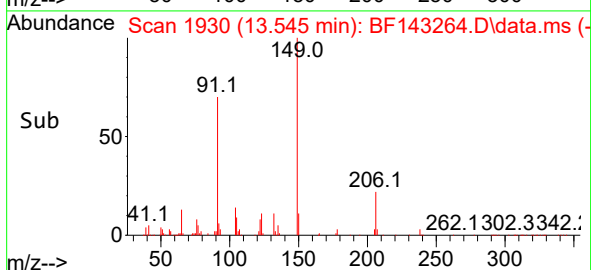
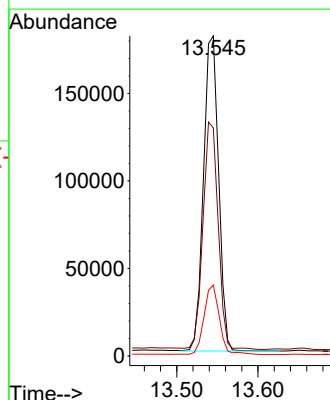
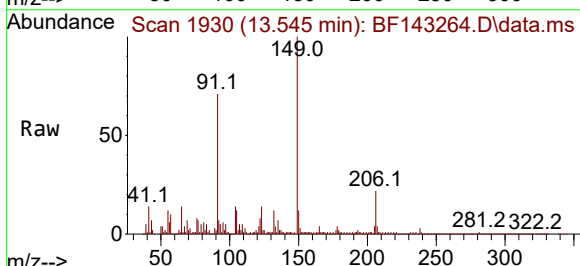
Tgt Ion:149 Resp: 232435

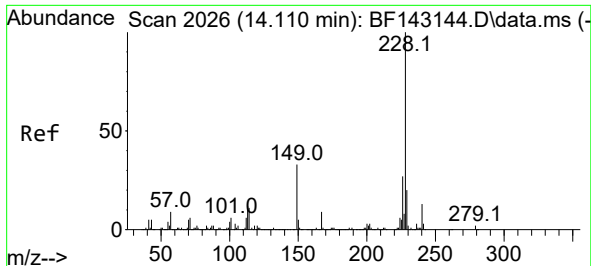
Ion Ratio Lower Upper

149 100

91 71.3 57.9 86.9

206 22.1 17.0 25.4

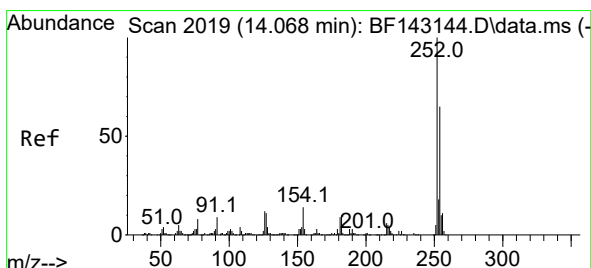
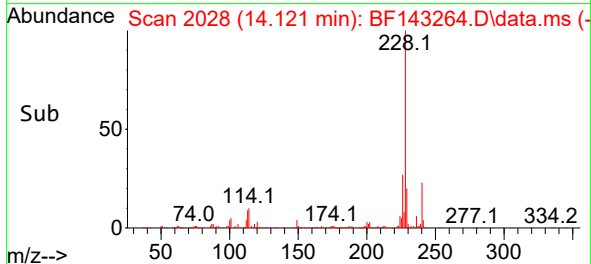
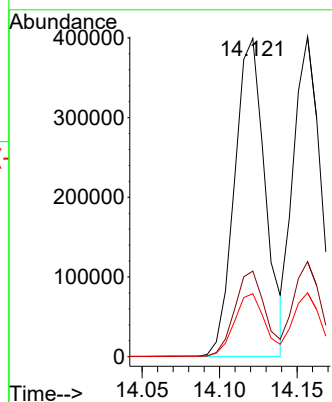
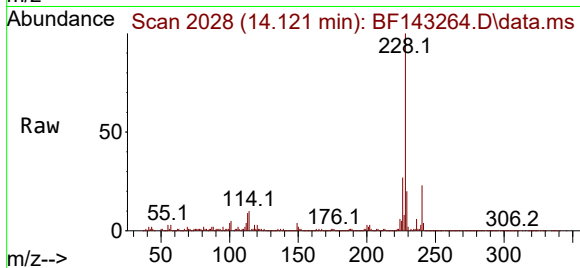




#81
Benzo(a)anthracene
Concen: 44.405 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

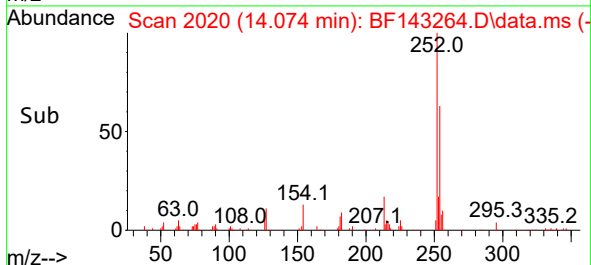
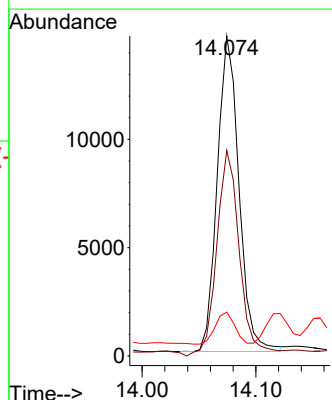
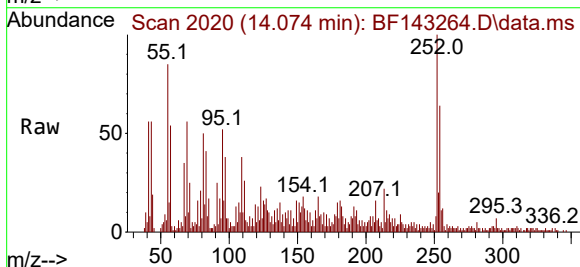
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

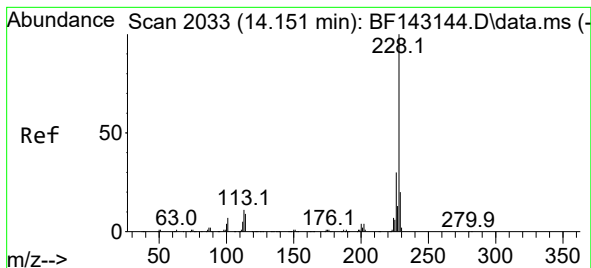
Tgt Ion:228 Resp: 550615
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 4.670 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:252 Resp: 19298
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 13.7 9.4 14.0





#83

Chrysene

Concen: 43.794 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

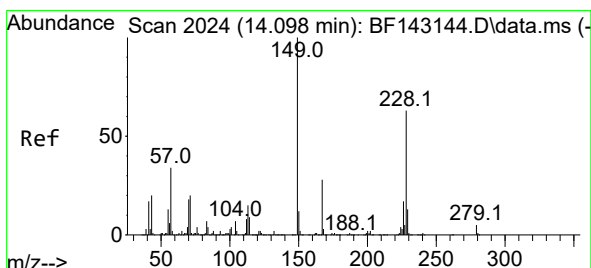
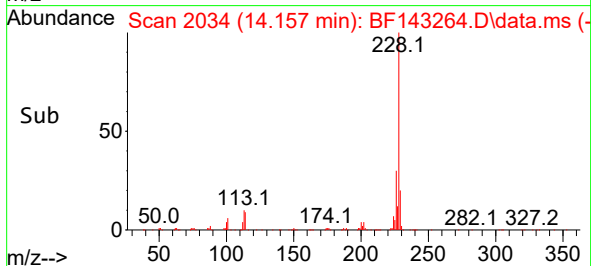
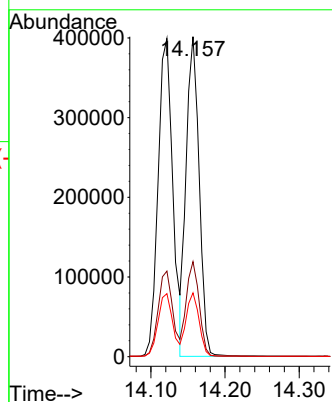
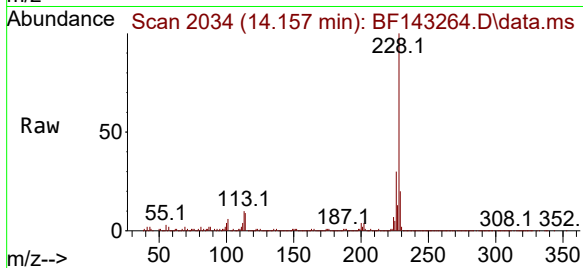
Tgt Ion:228 Resp: 488242

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.299 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

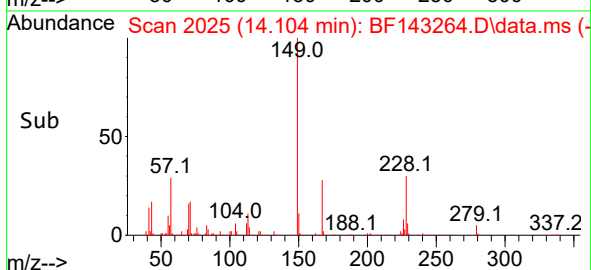
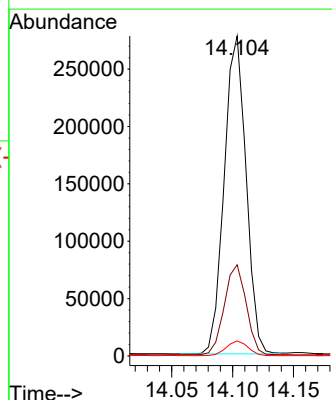
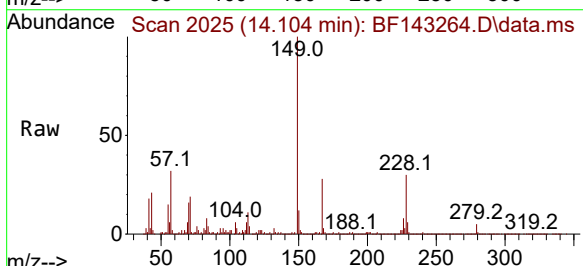
Tgt Ion:149 Resp: 346522

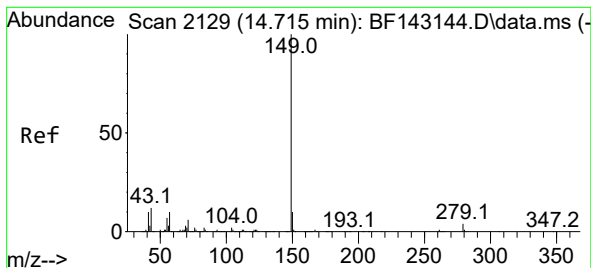
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.7 3.6 5.4

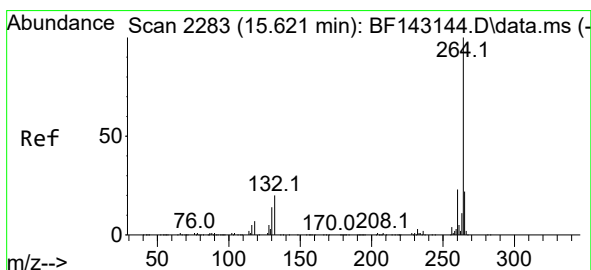
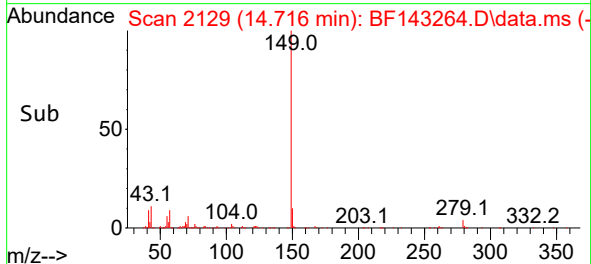
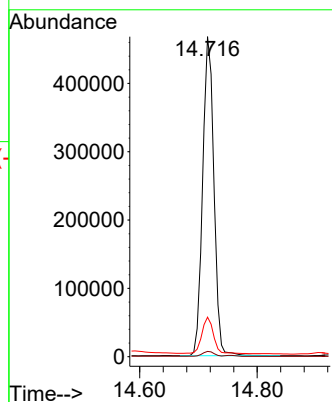
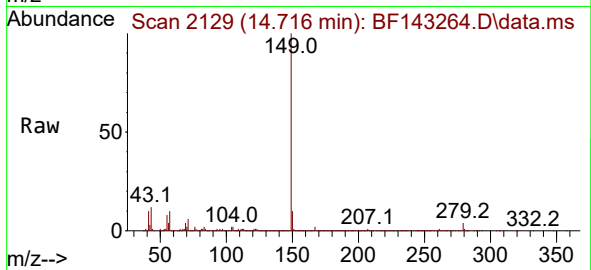




#85
Di-n-octyl phthalate
Concen: 46.627 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

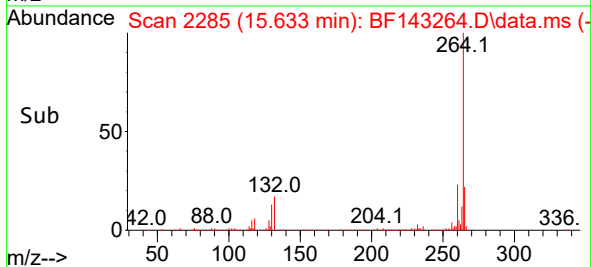
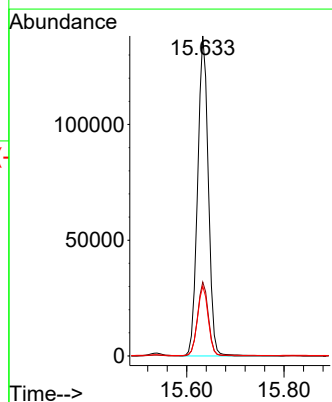
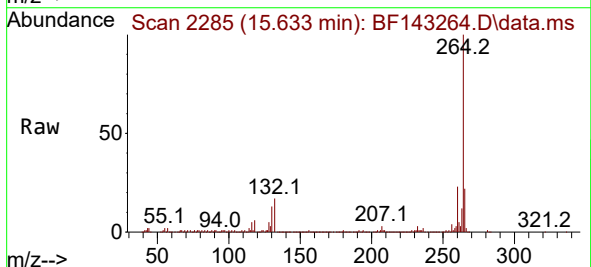
Instrument :
BNA_F
ClientSampleId :
7211935-295MS

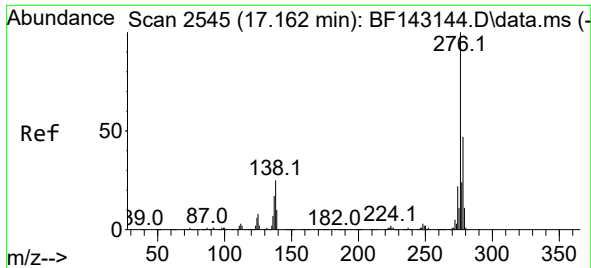
Tgt Ion:149 Resp: 619189
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:264 Resp: 212109
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.7 17.4 26.2

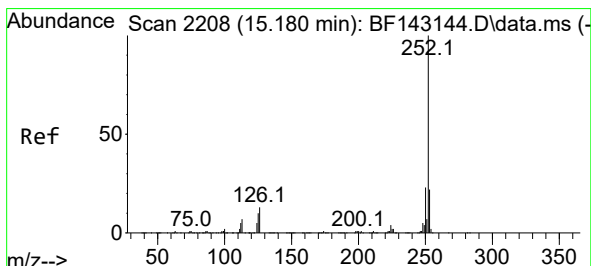
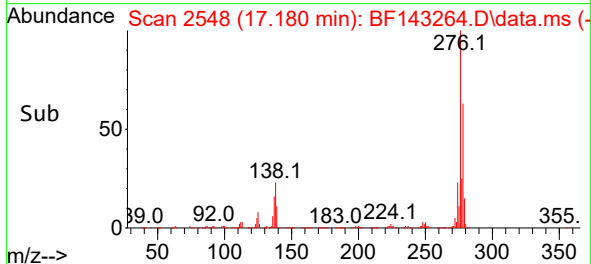
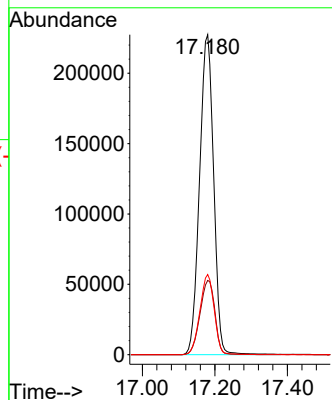
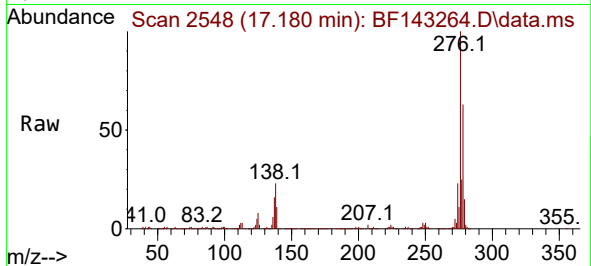




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.941 ng
 RT: 17.180 min Scan# 2110
 Delta R.T. 0.018 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

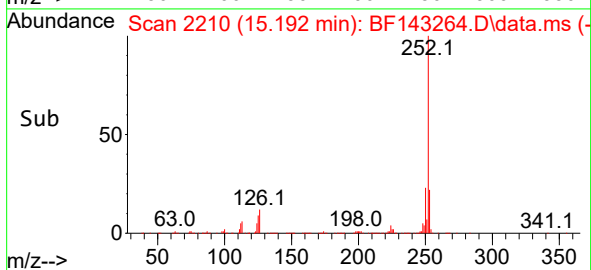
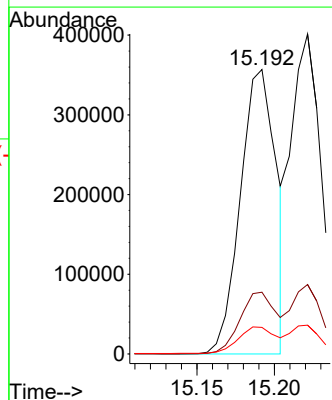
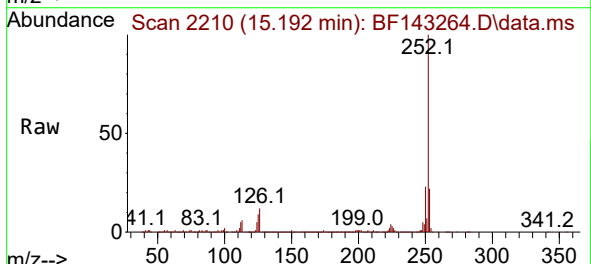
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MS

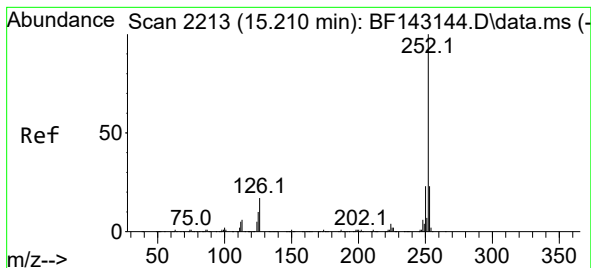
Tgt Ion:276 Resp: 612334
 Ion Ratio Lower Upper
 276 100
 138 24.6 21.8 32.6
 277 25.4 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 44.205 ng
 RT: 15.192 min Scan# 2210
 Delta R.T. 0.012 min
 Lab File: BF143264.D
 Acq: 29 Jul 2025 19:09

Tgt Ion:252 Resp: 572809
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.951 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

7211935-295MS

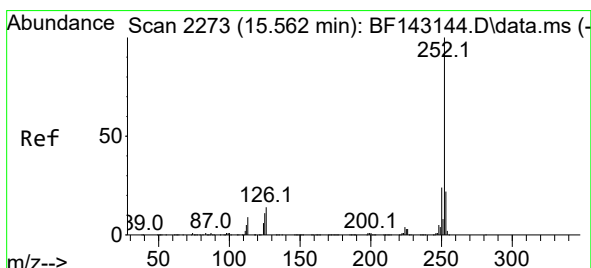
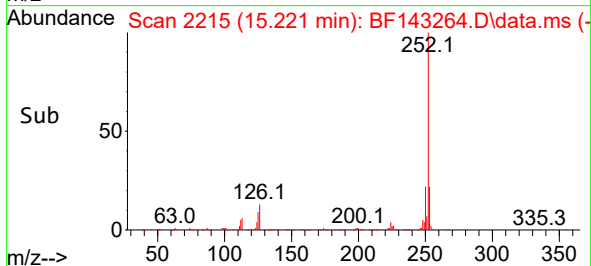
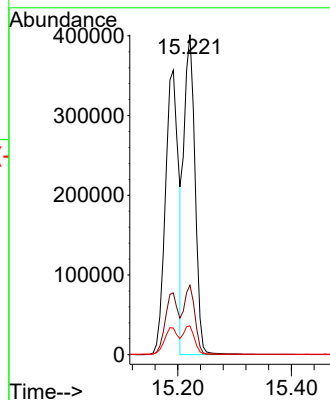
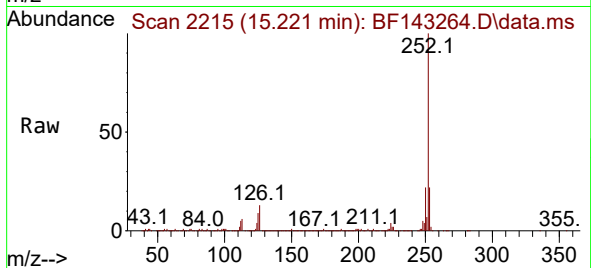
Tgt Ion:252 Resp: 542899

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 45.260 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143264.D

Acq: 29 Jul 2025 19:09

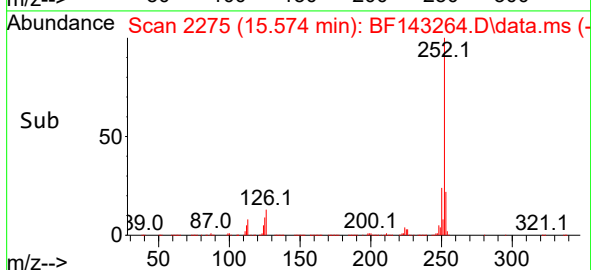
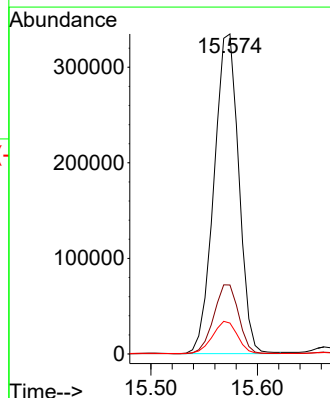
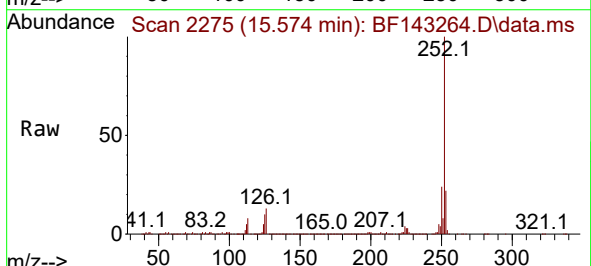
Tgt Ion:252 Resp: 540351

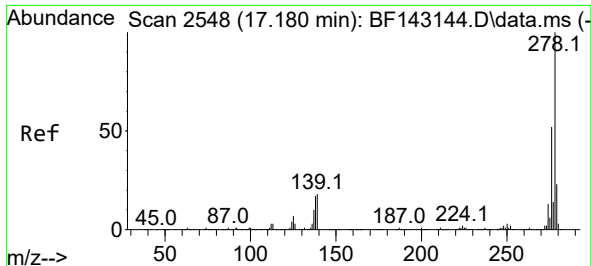
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.6 8.6 13.0

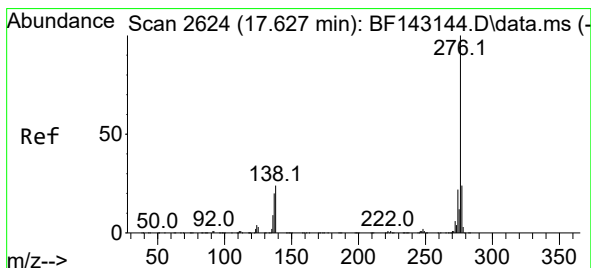
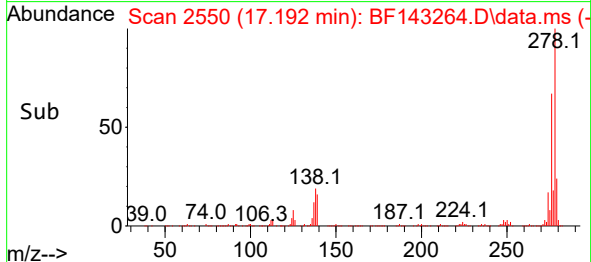
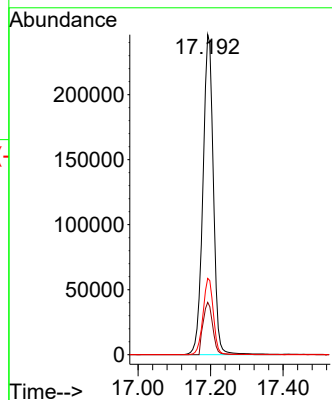
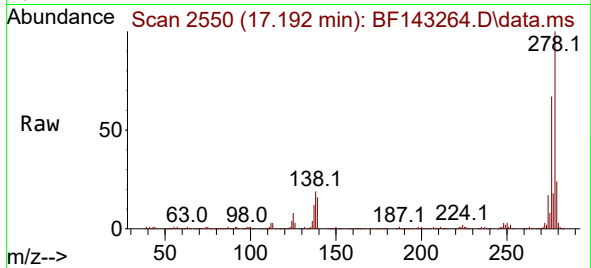




#91
Dibenzo(a,h)anthracene
Concen: 40.516 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Instrument :
BNA_F
ClientSampleId :
7211935-295MS

Tgt Ion:278 Resp: 493232
Ion Ratio Lower Upper
278 100
139 16.3 14.1 21.1
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 39.689 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143264.D
Acq: 29 Jul 2025 19:09

Tgt Ion:276 Resp: 467378
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 21.2 18.9 28.3

