

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143233.D
 Acq On : 24 Jul 2025 14:59
 Operator : RC/JU
 Sample : Q2668-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Jul 24 15:20:37 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	109392	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	386410	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	173672	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	256696	20.000	ng	0.00
76) Chrysene-d12	14.121	240	248400	20.000	ng	0.00
86) Perylene-d12	15.621	264	248204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	725514	104.953	ng	0.02
7) Phenol-d6	6.593	99	842935	96.878	ng	0.00
23) Nitrobenzene-d5	7.516	82	657485	84.816	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	213942	119.246	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1092842	86.059	ng	0.00
79) Terphenyl-d14	13.063	244	1056631	63.300	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.999	88	104901	32.070	ng	# 83
3) Pyridine	3.699	79	257637	30.346	ng	99
4) n-Nitrosodimethylamine	3.628	42	162287	37.023	ng	99
6) Aniline	6.622	93	136571	11.262	ng	93
8) 2-Chlorophenol	6.751	128	283525	39.129	ng	97
9) Benzaldehyde	6.510	77	121442	18.613	ng	97
10) Phenol	6.604	94	315724	33.308	ng	97
11) bis(2-Chloroethyl)ether	6.693	93	276106	38.044	ng	100
12) 1,3-Dichlorobenzene	6.904	146	284739	36.174	ng	99
13) 1,4-Dichlorobenzene	6.981	146	289199	36.483	ng	99
14) 1,2-Dichlorobenzene	7.134	146	277354	36.787	ng	99
15) Benzyl Alcohol	7.098	79	262765	39.551	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	504943	37.505	ng	99
17) 2-Methylphenol	7.210	107	234398	38.473	ng	99
18) Hexachloroethane	7.481	117	99634	36.307	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	210948	37.789	ng	98
20) 3+4-Methylphenols	7.357	107	284043	38.426	ng	# 83
22) Acetophenone	7.363	105	383168	41.884	ng	95
24) Nitrobenzene	7.540	77	302964	41.920	ng	99
25) Isophorone	7.775	82	576011	42.092	ng	99
26) 2-Nitrophenol	7.857	139	145733	46.462	ng	99
27) 2,4-Dimethylphenol	7.887	122	265349	41.502	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	349106	42.549	ng	99
29) 2,4-Dichlorophenol	8.098	162	231786	42.988	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	239321	41.084	ng	98
31) Naphthalene	8.263	128	795952	41.826	ng	100
32) Benzoic acid	7.969	122	74798	23.706	ng	99
33) 4-Chloroaniline	8.304	127	43937	5.654	ng	99
34) Hexachlorobutadiene	8.387	225	146715	41.230	ng	98
35) Caprolactam	8.657	113	58882	36.139	ng	99
36) 4-Chloro-3-methylphenol	8.787	107	239418	40.853	ng	98
37) 2-Methylnaphthalene	8.957	142	483909	41.788	ng	100
38) 1-Methylnaphthalene	9.051	142	498694	41.820	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	236879	47.243	ng	99
41) Hexachlorocyclopentadiene	9.110	237	200715	61.521	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	161853	46.641	ng	99

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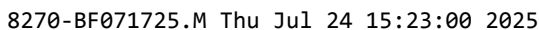
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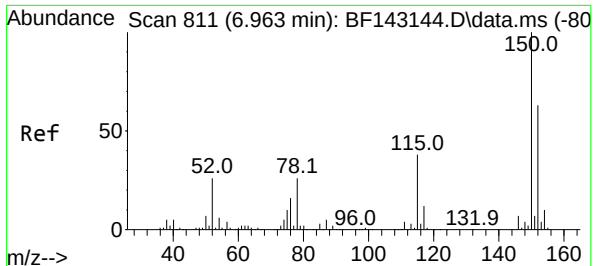
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 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159945	46.077	ng	98
46) 1,1'-Biphenyl	9.416	154	650234	47.988	ng	100
47) 2-Chloronaphthalene	9.445	162	466335	46.513	ng	99
48) 2-Nitroaniline	9.528	65	152729	48.576	ng	97
49) Acenaphthylene	9.857	152	771017	45.889	ng	100
50) Dimethylphthalate	9.710	163	560947	49.552	ng	99
51) 2,6-Dinitrotoluene	9.769	165	112143	48.696	ng	99
52) Acenaphthene	10.033	154	452571	45.573	ng	99
53) 3-Nitroaniline	9.933	138	41835	15.531	ng	98
54) 2,4-Dinitrophenol	10.039	184	31898	34.680	ng	# 1
55) Dibenzofuran	10.204	168	657402	44.588	ng	100
56) 4-Nitrophenol	10.092	139	156951	78.029	ng	98
57) 2,4-Dinitrotoluene	10.175	165	139715	48.357	ng	95
58) Fluorene	10.545	166	487614	44.066	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	122812	42.711	ng	99
60) Diethylphthalate	10.410	149	527320	47.128	ng	100
61) 4-Chlorophenyl-phenyle...	10.533	204	248584	45.115	ng	99
62) 4-Nitroaniline	10.551	138	93810	40.635	ng	99
63) Azobenzene	10.698	77	506692	43.450	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	31920	26.458	ng	99
66) n-Nitrosodiphenylamine	10.651	169	426553	47.190	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	143286	46.839	ng	99
68) Hexachlorobenzene	11.098	284	146688	45.877	ng	99
69) Atrazine	11.175	200	129116	51.813	ng	99
70) Pentachlorophenol	11.286	266	146774	78.057	ng	98
71) Phenanthrene	11.510	178	629985	46.221	ng	99
72) Anthracene	11.557	178	642429	46.215	ng	100
73) Carbazole	11.710	167	597582	49.232	ng	99
74) Di-n-butylphthalate	12.039	149	749381	54.563	ng	100
75) Fluoranthene	12.698	202	714275	57.095	ng	100
77) Benzidine	12.810	184	223427	23.346	ng	98
78) Pyrene	12.927	202	738161	34.820	ng	100
80) Butylbenzylphthalate	13.539	149	339630	52.318	ng	97
81) Benzo(a)anthracene	14.110	228	785726	47.246	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	86568	15.618	ng	99
83) Chrysene	14.151	228	666401	44.568	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	496409	50.522	ng	100
85) Di-n-octyl phthalate	14.710	149	884176	49.644	ng	99
87) Indeno(1,2,3-cd)pyrene	17.157	276	502549	28.714	ng	99
88) Benzo(b)fluoranthene	15.180	252	800285	52.779	ng	100
89) Benzo(k)fluoranthene	15.216	252	679707	50.234	ng	99
90) Benzo(a)pyrene	15.563	252	670550	47.998	ng	99
91) Dibenzo(a,h)anthracene	17.174	278	416547	29.241	ng	99
92) Benzo(g,h,i)perylene	17.621	276	376062	27.291	ng	98

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

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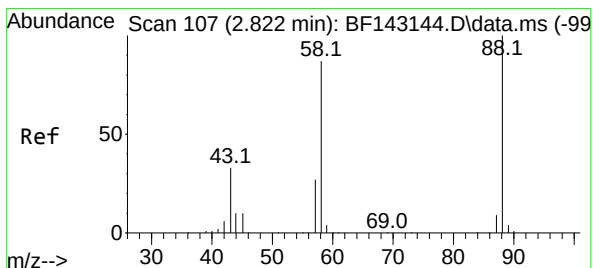
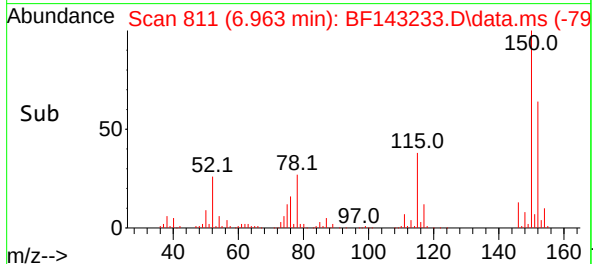
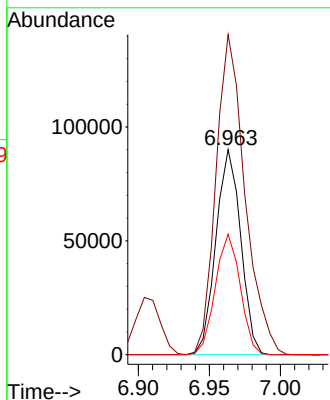
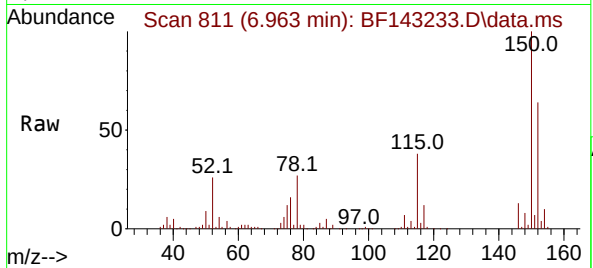




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

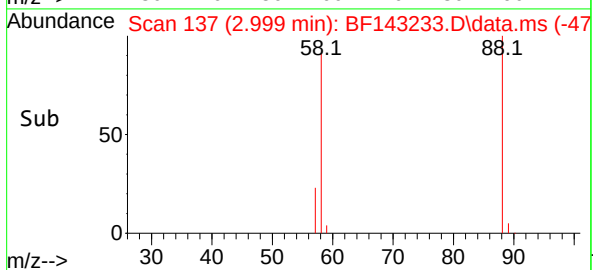
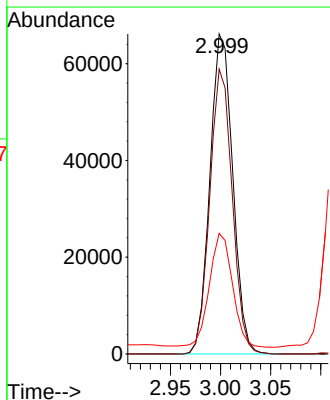
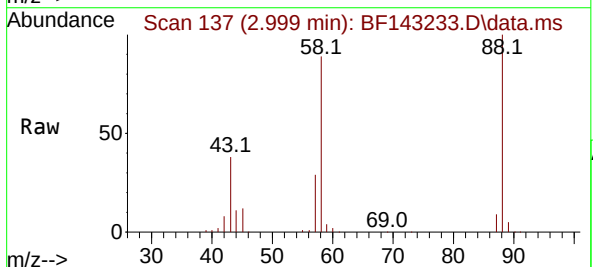
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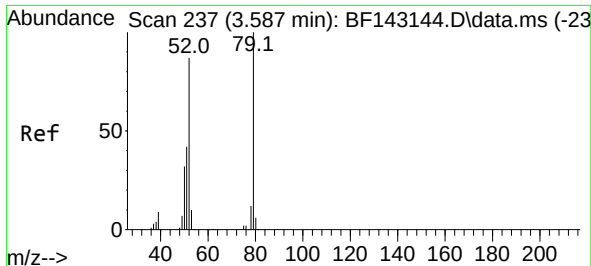
Tgt Ion:152 Resp: 109392
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.4
115 58.8 47.9 71.9



#2
1,4-Dioxane
Concen: 32.070 ng
RT: 2.999 min Scan# 137
Delta R.T. 0.177 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 88 Resp: 104901
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.2
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 30.346 ng

RT: 3.699 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

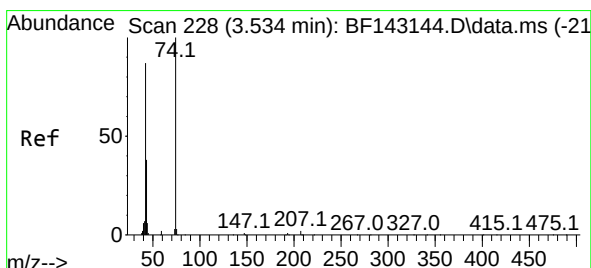
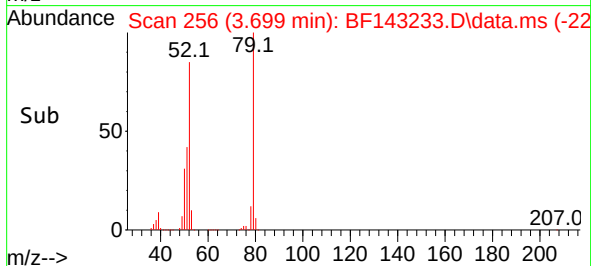
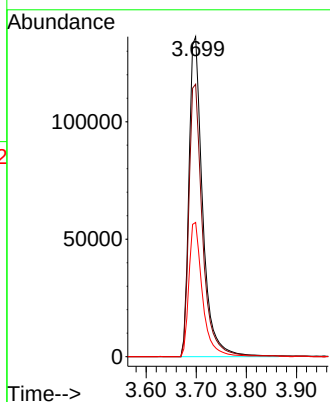
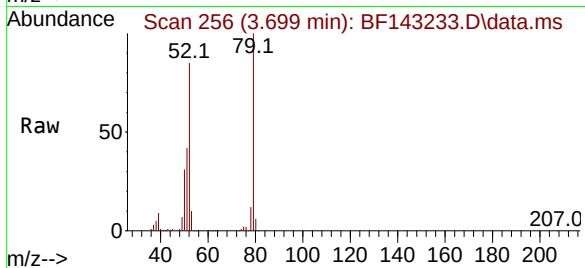
Tgt Ion: 79 Resp: 257637

Ion Ratio Lower Upper

79 100

52 85.1 69.4 104.2

51 41.9 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 37.023 ng

RT: 3.628 min Scan# 244

Delta R.T. 0.094 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

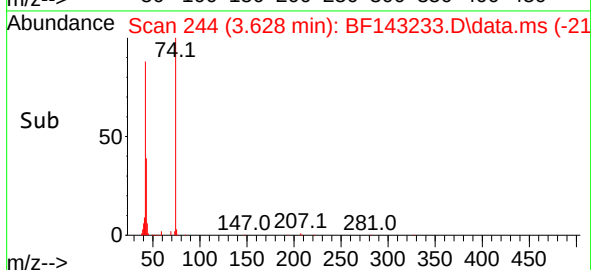
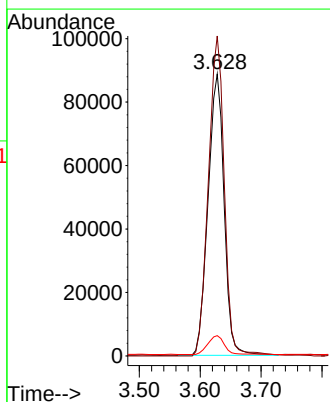
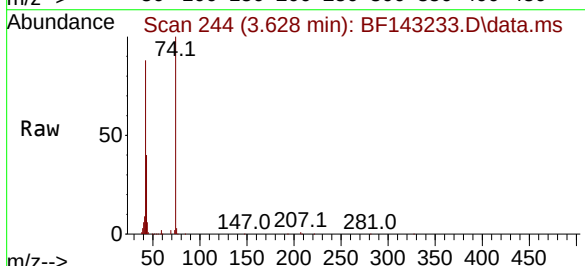
Tgt Ion: 42 Resp: 162287

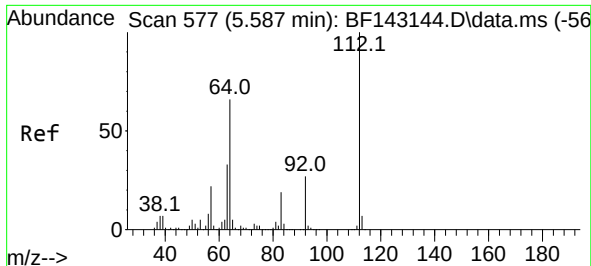
Ion Ratio Lower Upper

42 100

74 113.5 91.7 137.5

44 7.2 5.6 8.4

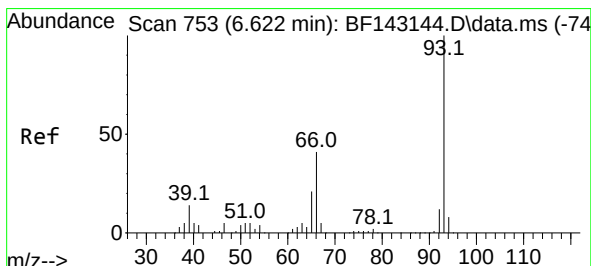
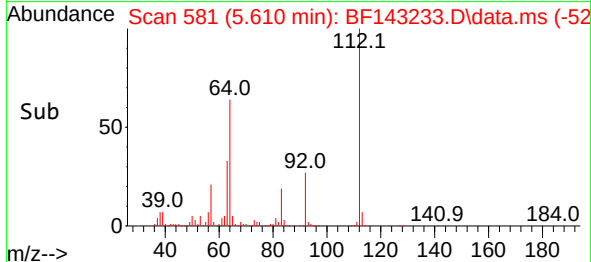
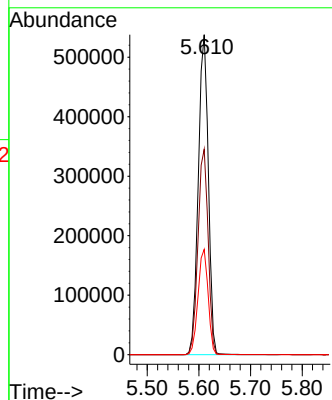
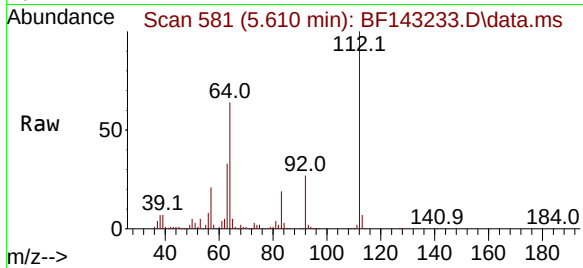




#5
2-Fluorophenol
Concen: 104.953 ng
RT: 5.610 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

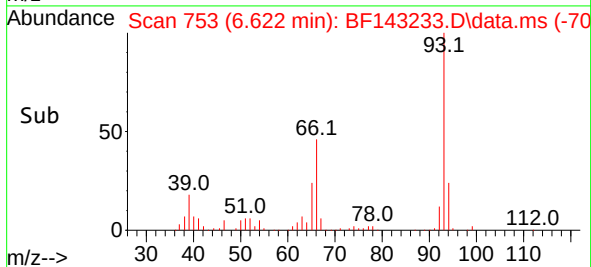
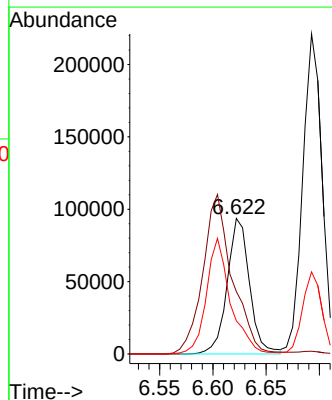
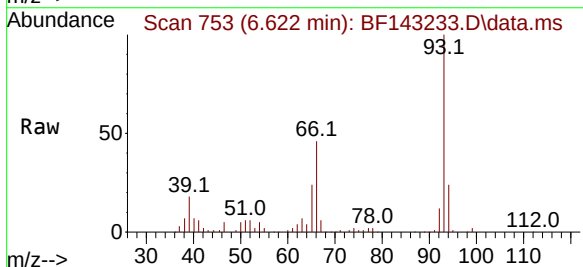
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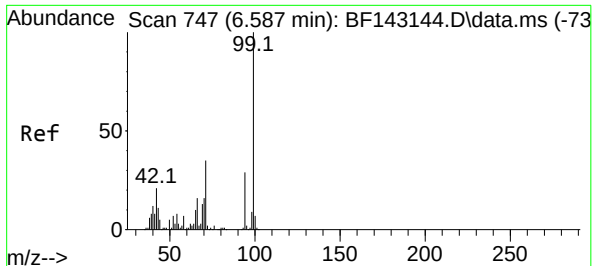
Tgt Ion:112 Resp: 725514
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 32.9 26.6 40.0



#6
Aniline
Concen: 11.262 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 93 Resp: 136571
Ion Ratio Lower Upper
93 100
66 46.1 33.2 49.8
65 24.5 16.9 25.3

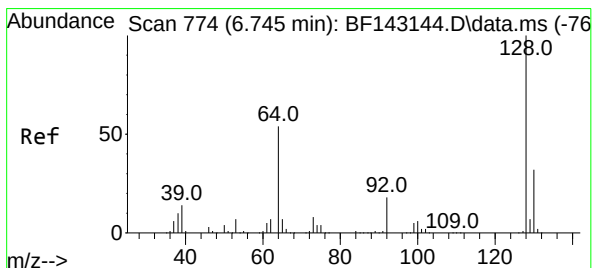
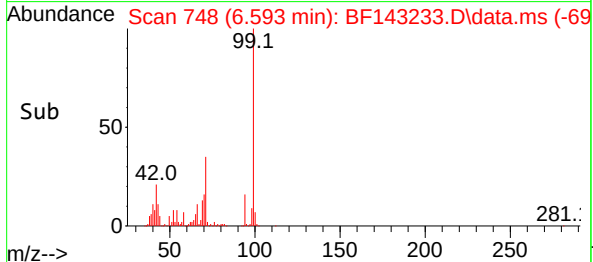
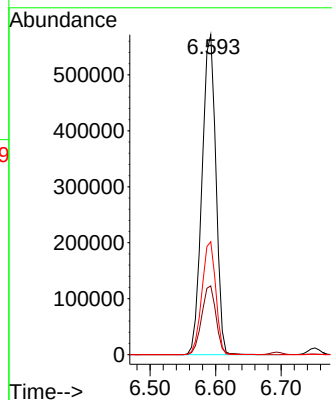
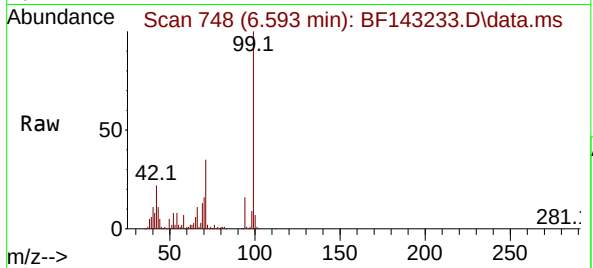




#7
Phenol-d6
Concen: 96.878 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

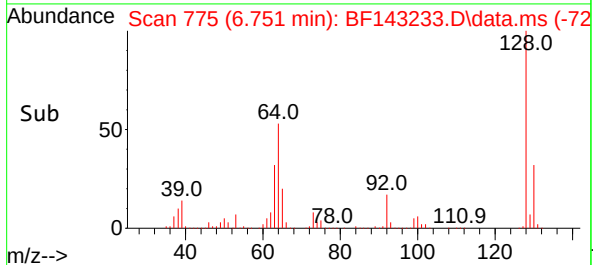
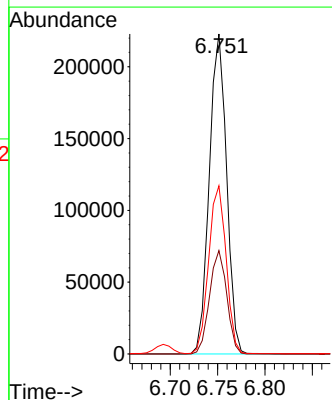
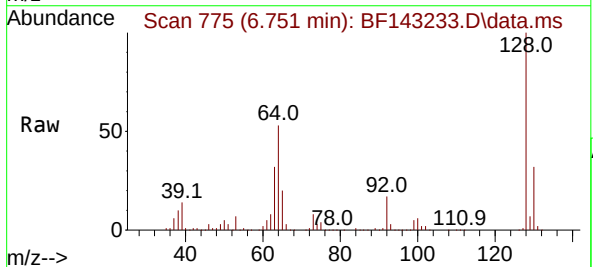
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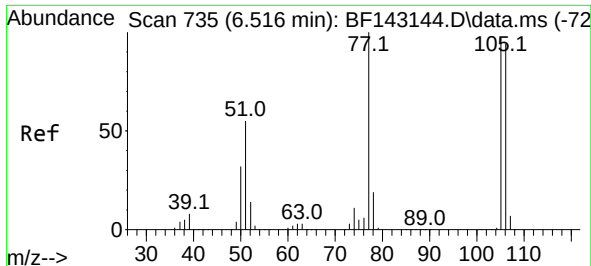
Tgt Ion: 99 Resp: 842935
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 35.3 27.7 41.5



#8
2-Chlorophenol
Concen: 39.129 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:128 Resp: 283525
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 52.6 35.9 75.9

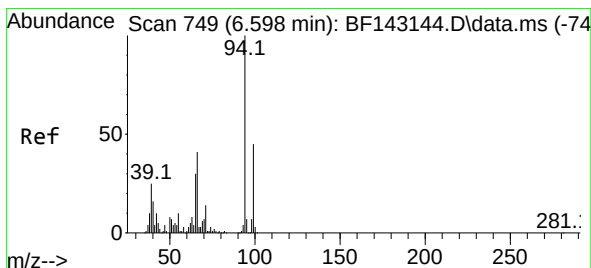
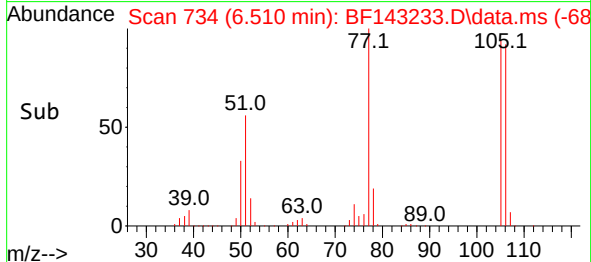
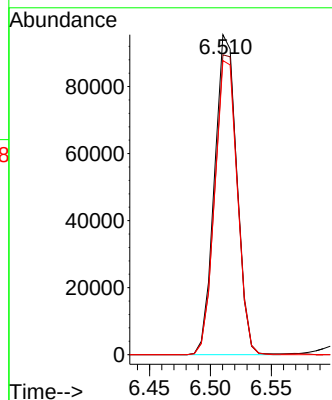
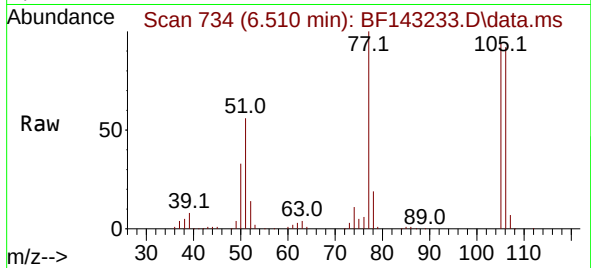




#9
Benzaldehyde
Concen: 18.613 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

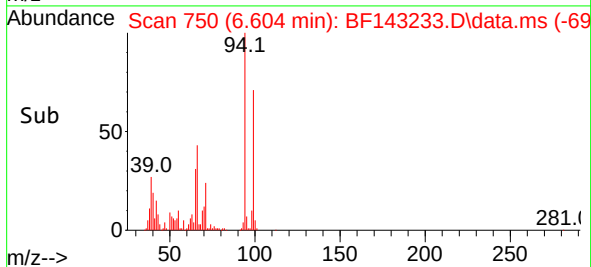
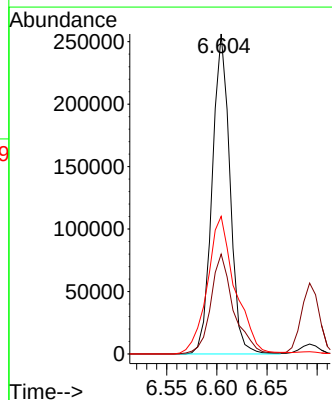
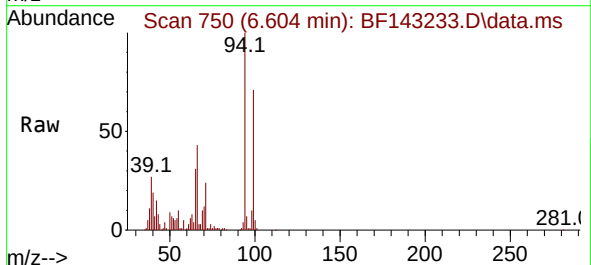
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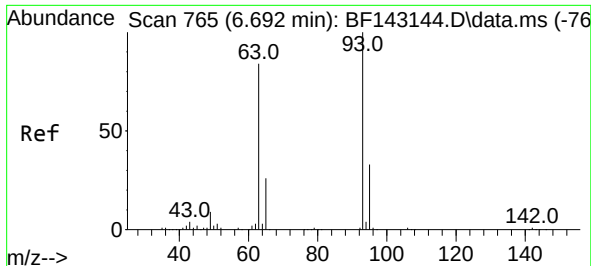
Tgt Ion: 77 Resp: 121442
Ion Ratio Lower Upper
77 100
105 93.7 76.8 116.8
106 91.9 74.4 114.4



#10
Phenol
Concen: 33.308 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 94 Resp: 315724
Ion Ratio Lower Upper
94 100
65 31.2 10.0 50.0
66 43.0 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 38.044 ng

RT: 6.693 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

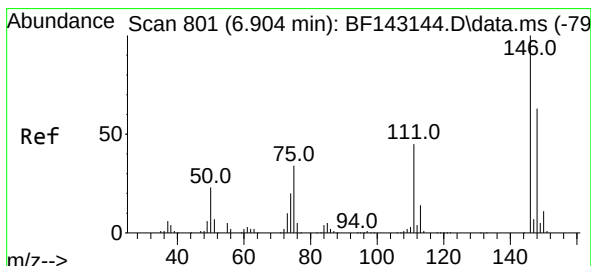
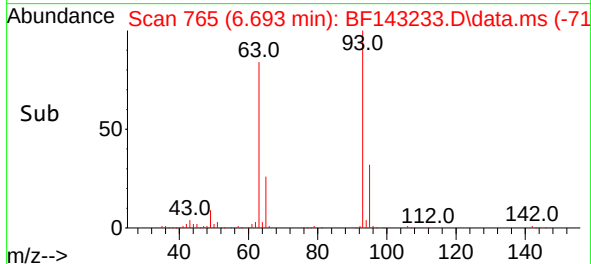
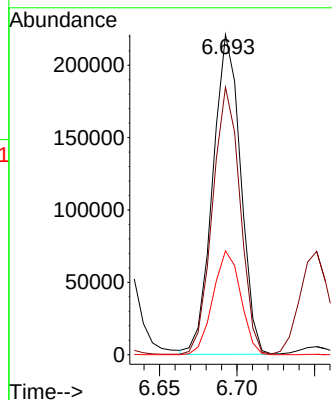
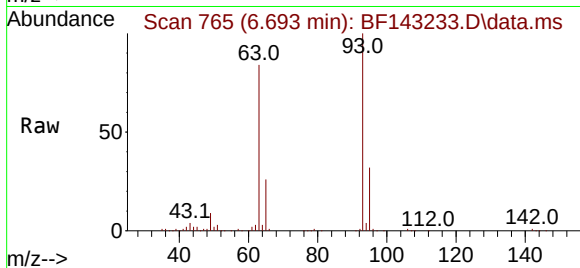
Tgt Ion: 93 Resp: 276106

Ion Ratio Lower Upper

93 100

63 83.6 63.4 103.4

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.174 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

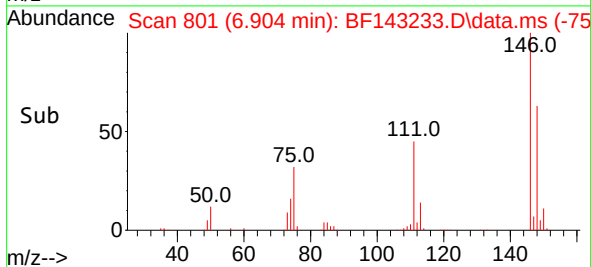
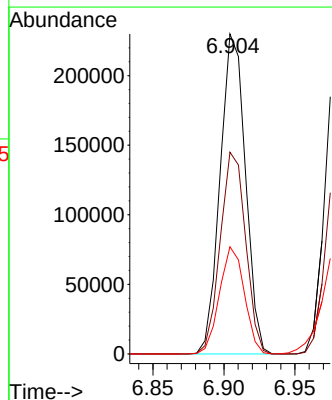
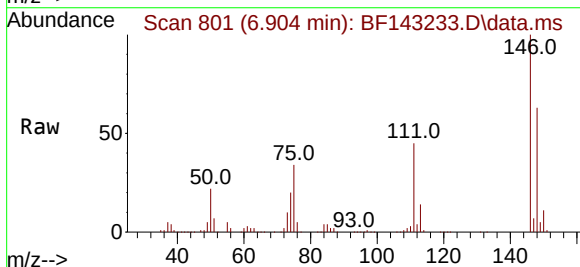
Tgt Ion:146 Resp: 284739

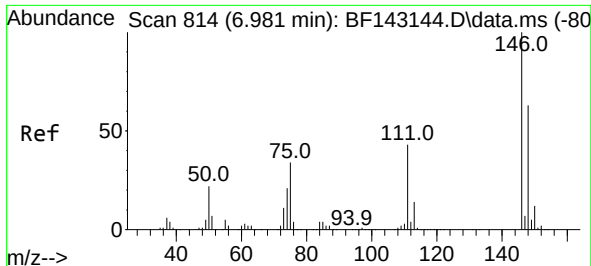
Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

75 33.5 27.4 41.2

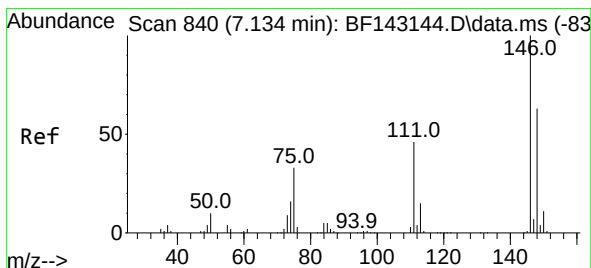
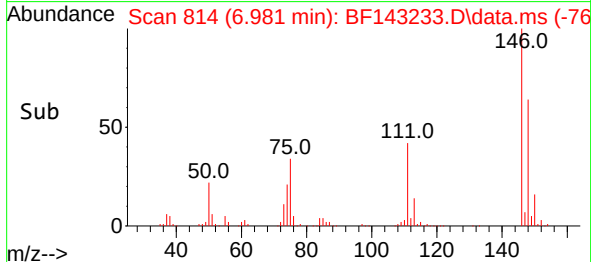
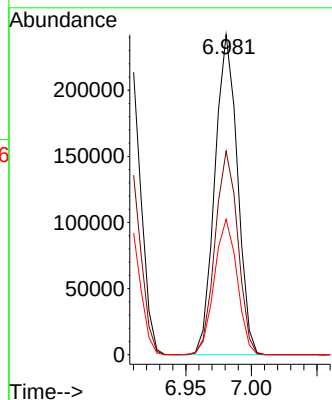
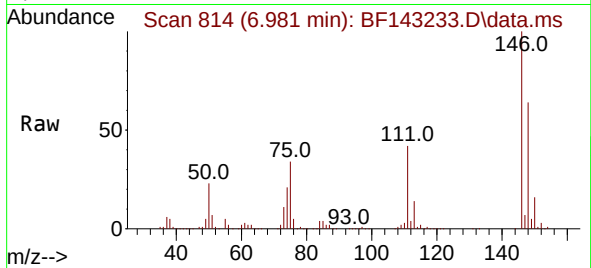




#13
1,4-Dichlorobenzene
Concen: 36.483 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

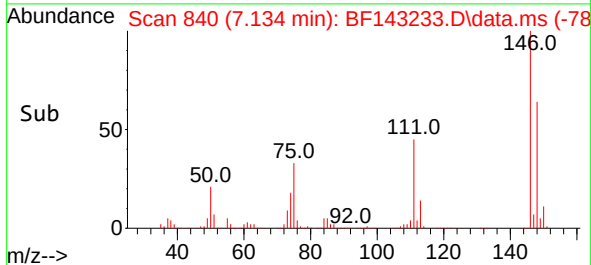
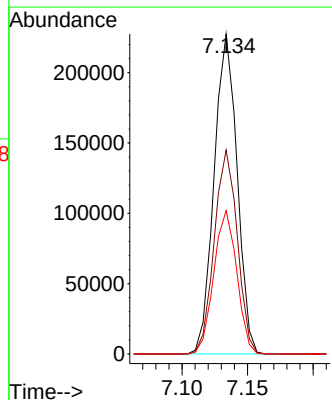
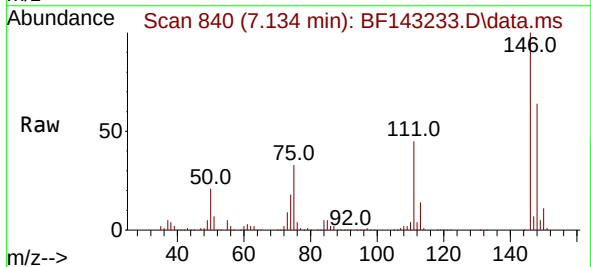
Instrument :
BNA_F
ClientSampleId :
TP-2MS

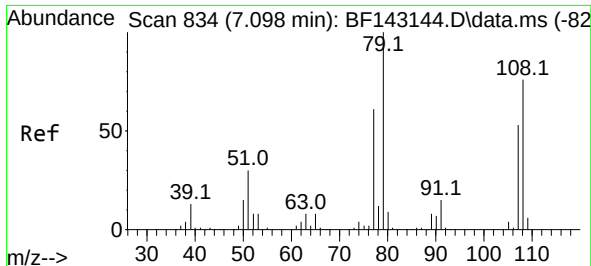
Tgt Ion:146 Resp: 289199
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 42.4 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 36.787 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:146 Resp: 277354
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
111 44.8 36.6 54.8



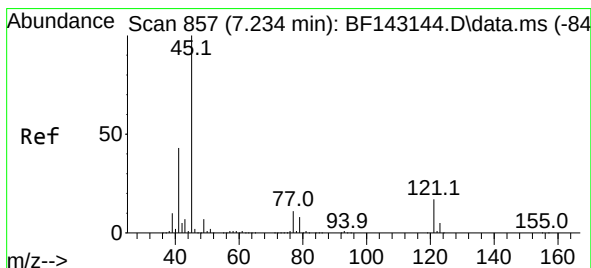
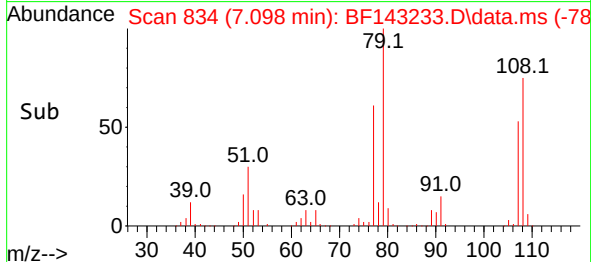
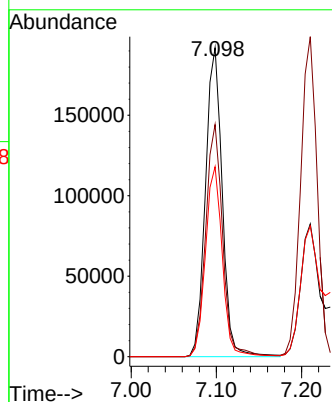
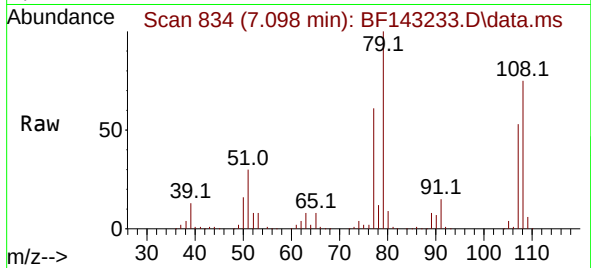


#15
Benzyl Alcohol
Concen: 39.551 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 79 Resp: 262765

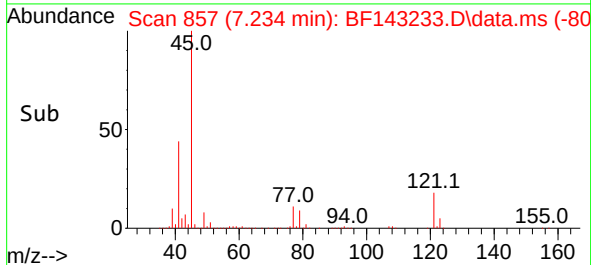
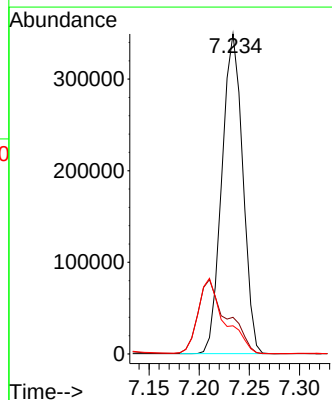
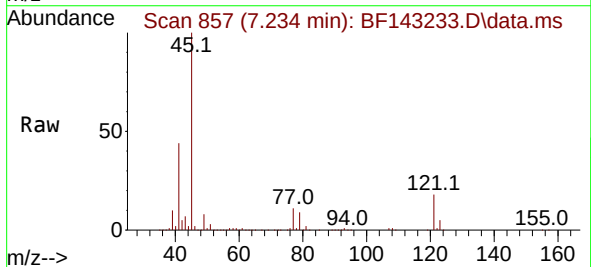
Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.1	91.7
77	61.5	48.9	73.3

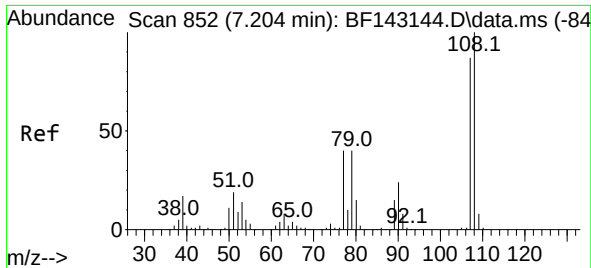


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.505 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 45 Resp: 504943

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.2
79	8.8	0.0	28.5

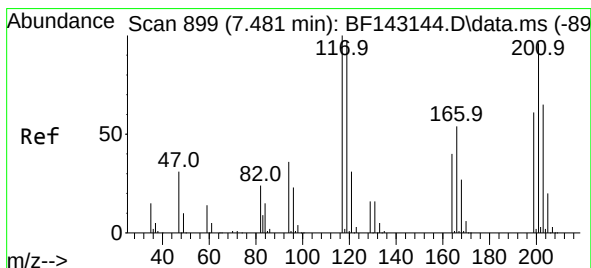
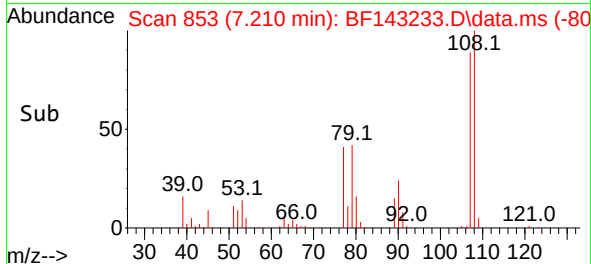
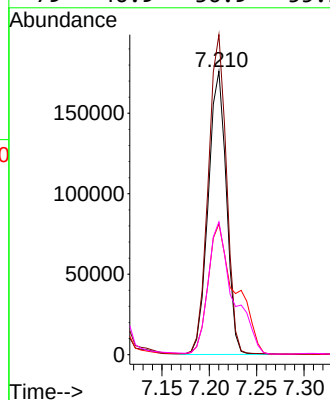
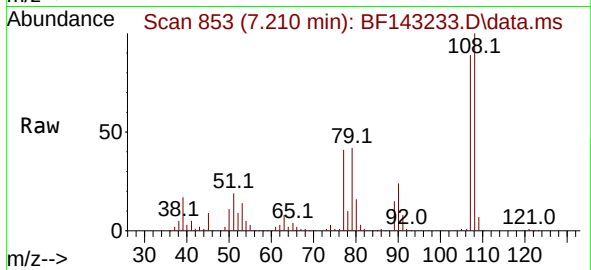




#17
2-Methylphenol
Concen: 38.473 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

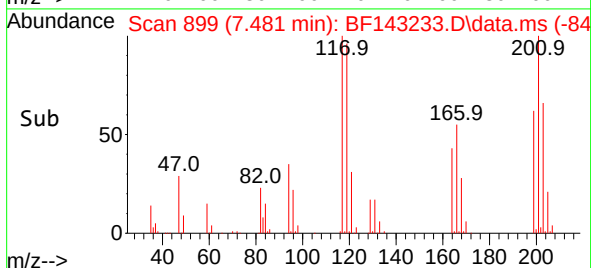
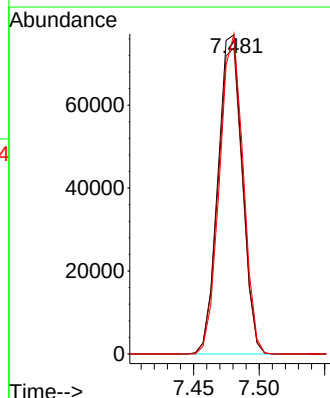
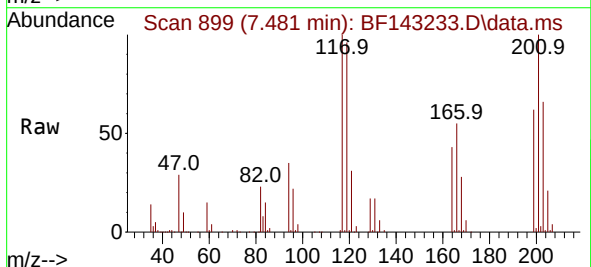
Instrument :
BNA_F
ClientSampleId :
TP-2MS

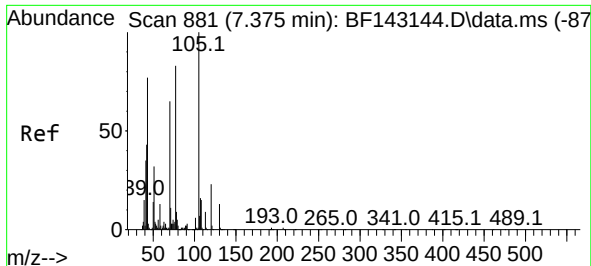
Tgt Ion:	107	Resp:	234398
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.8	137.6
77	46.2	37.0	55.6
79	46.9	36.9	55.3



#18
Hexachloroethane
Concen: 36.307 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:	117	Resp:	99634
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.8
201	100.3	77.0	115.4

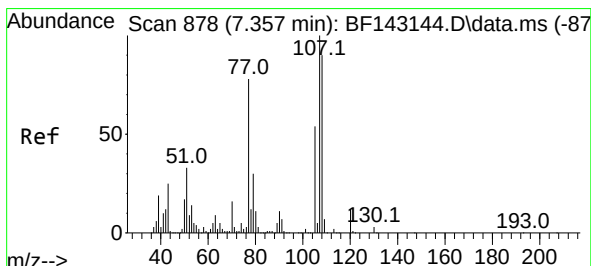
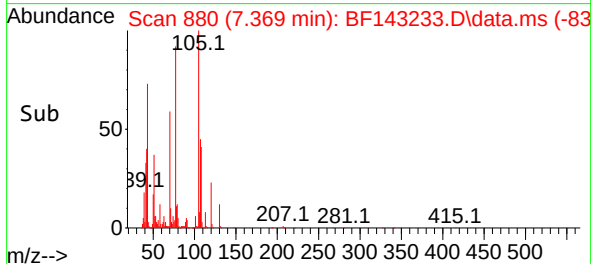
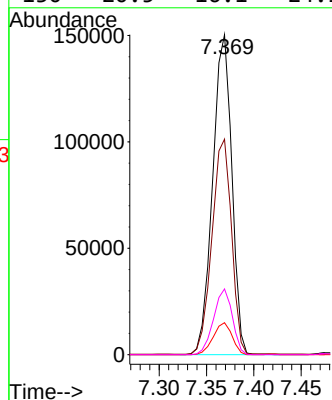
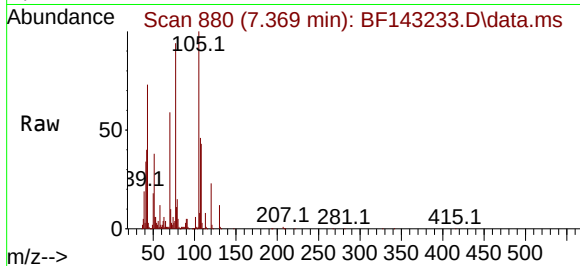




#19
n-Nitroso-di-n-propylamine
Concen: 37.789 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

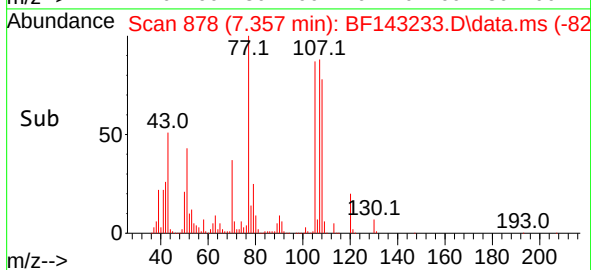
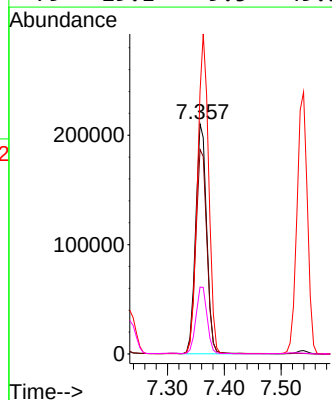
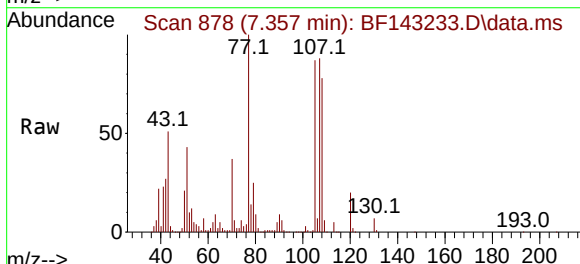
Instrument :
BNA_F
ClientSampleId :
TP-2MS

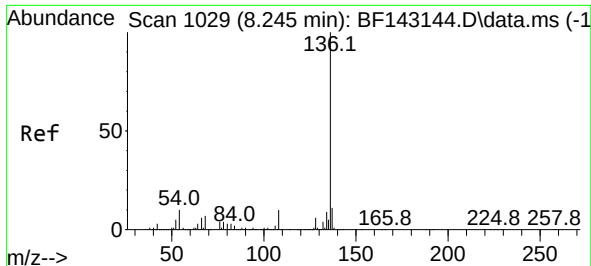
Tgt Ion:	70	Resp:	210948
Ion	Ratio	Lower	Upper
70	100		
42	67.4	52.5	78.7
101	10.0	7.6	11.4
130	20.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 38.426 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:	107	Resp:	284043
Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.0	110.0
77	114.1	57.8	97.8#
79	29.1	9.5	49.5



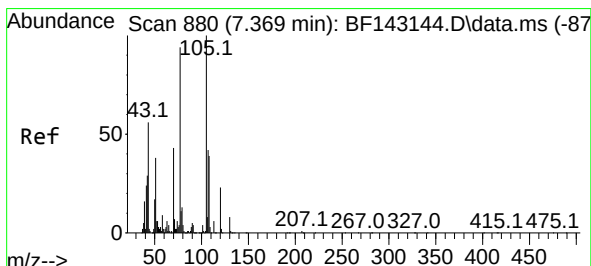
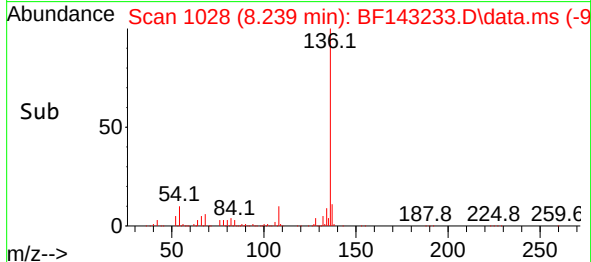
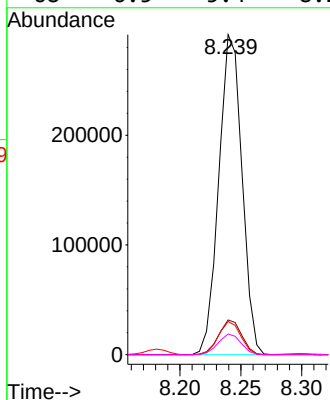
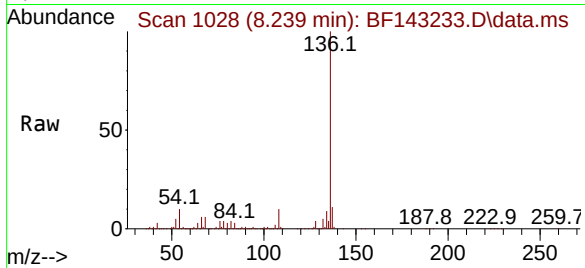


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:136 Resp: 386410

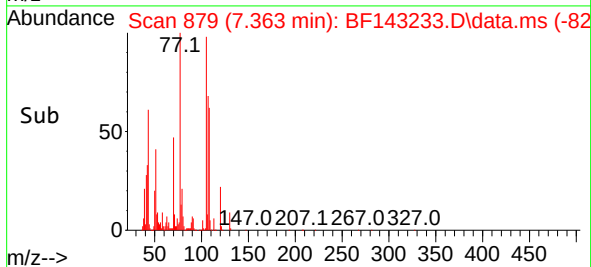
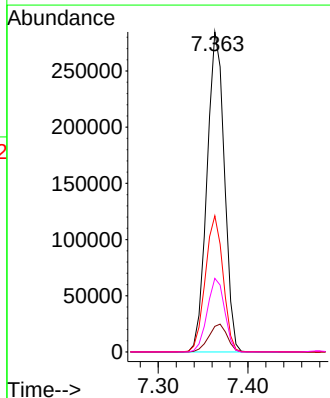
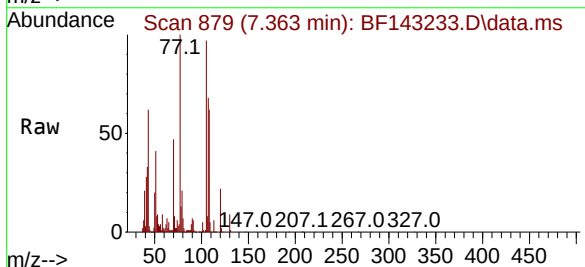
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.4	8.2	12.2
68	6.5	5.4	8.2

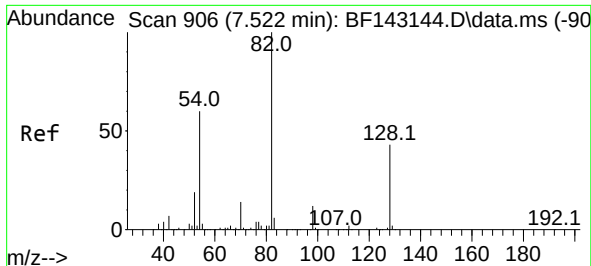


#22
Acetophenone
Concen: 41.884 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:105 Resp: 383168

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.6
51	42.6	30.2	45.2
120	23.0	18.2	27.4





#23

Nitrobenzene-d5

Concen: 84.816 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

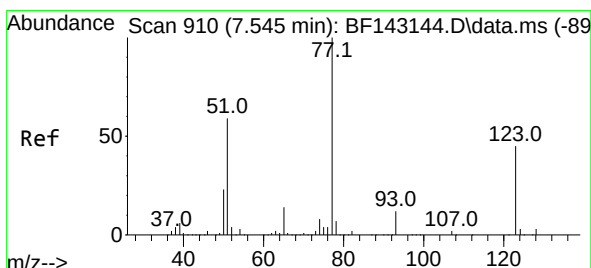
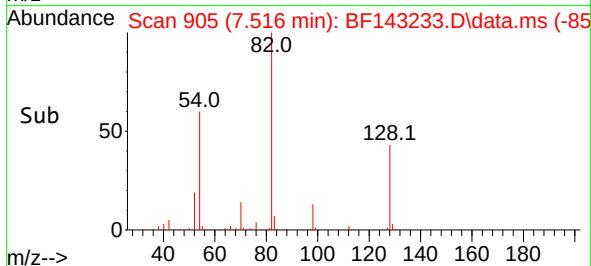
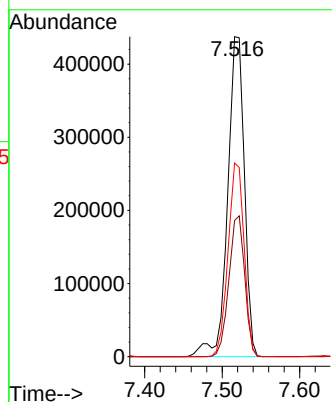
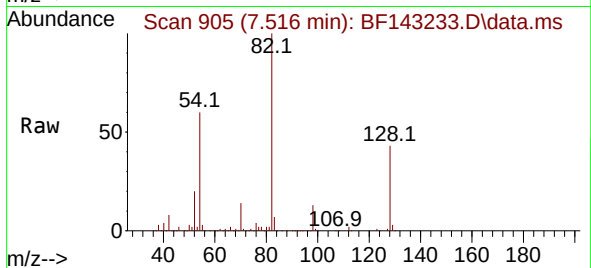
Tgt Ion: 82 Resp: 657485

Ion Ratio Lower Upper

82 100

128 42.5 33.6 50.4

54 60.5 47.1 70.7



#24

Nitrobenzene

Concen: 41.920 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

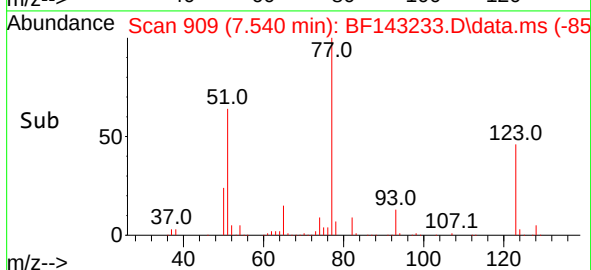
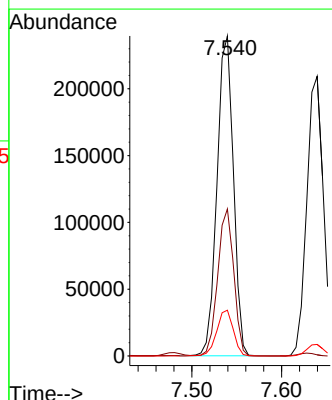
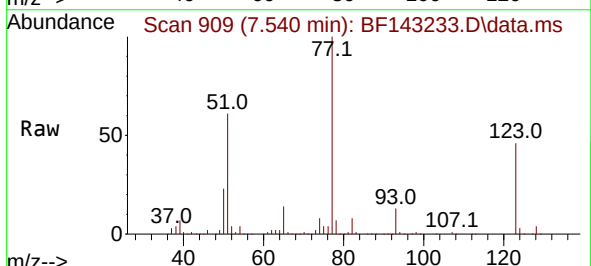
Tgt Ion: 77 Resp: 302964

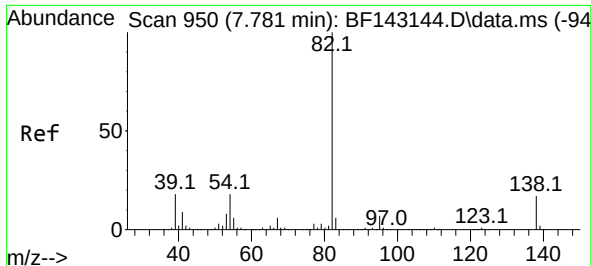
Ion Ratio Lower Upper

77 100

123 46.0 36.1 54.1

65 14.3 11.4 17.2

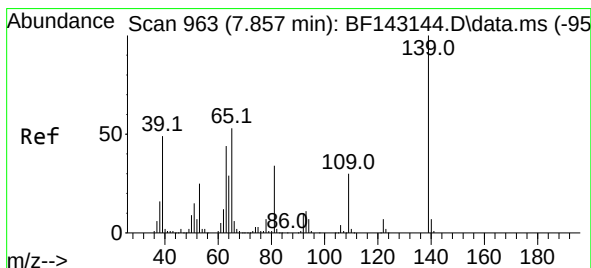
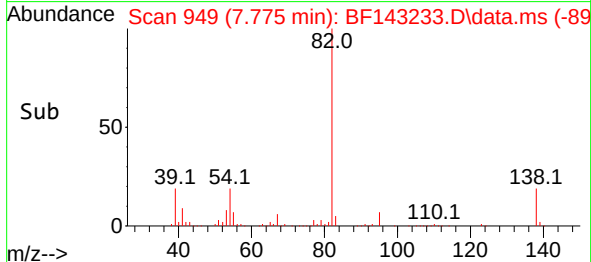
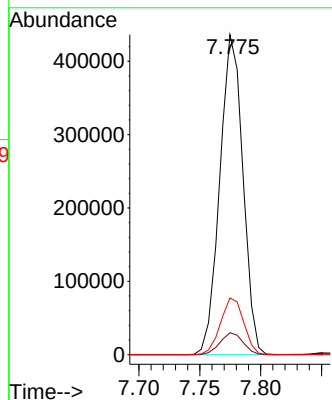
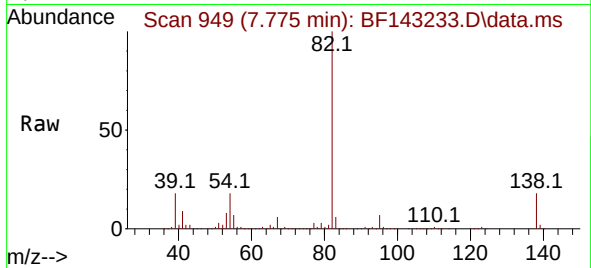




#25
Isophorone
Concen: 42.092 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

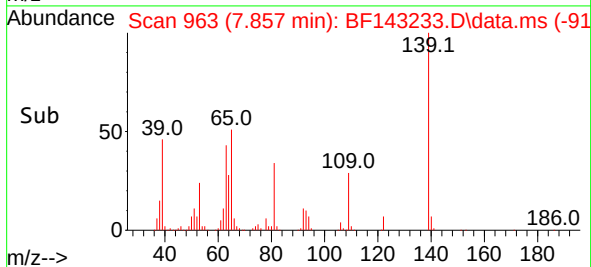
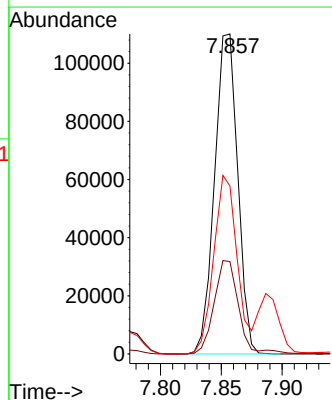
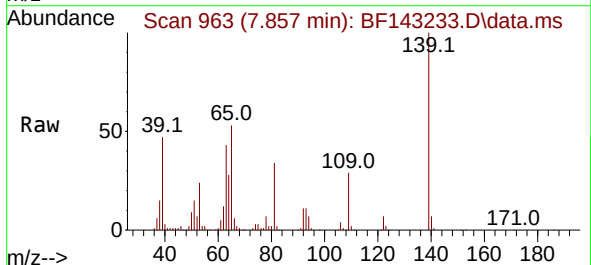
Instrument :
BNA_F
ClientSampleId :
TP-2MS

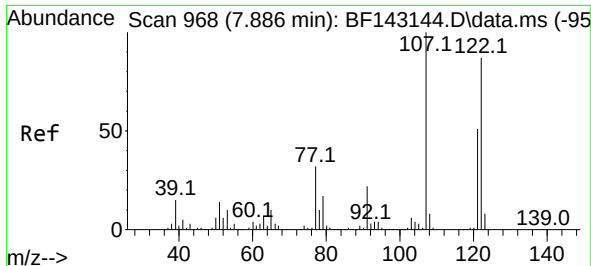
Tgt Ion: 82 Resp: 576011
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 46.462 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:139 Resp: 145733
Ion Ratio Lower Upper
139 100
109 28.9 23.6 35.4
65 52.5 42.6 64.0

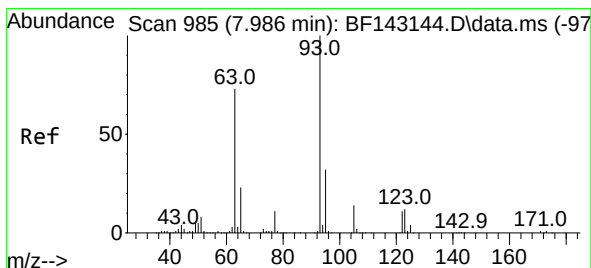
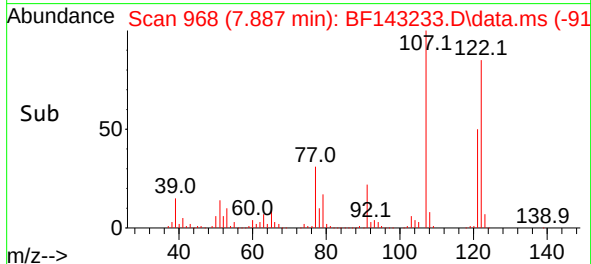
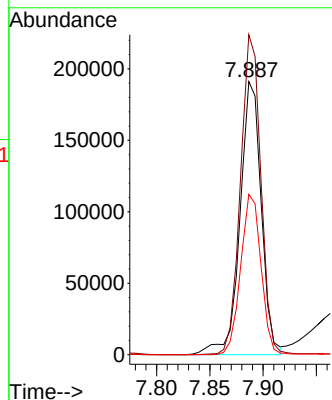
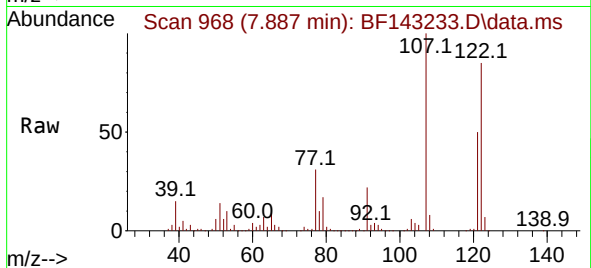




#27
2,4-Dimethylphenol
Concen: 41.502 ng
RT: 7.887 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

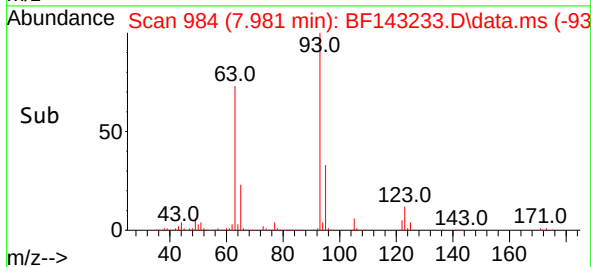
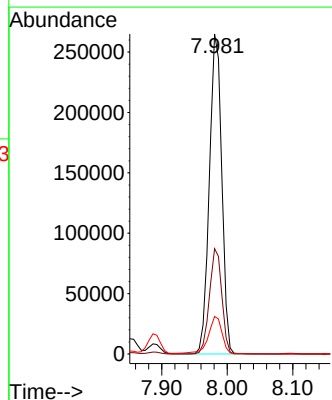
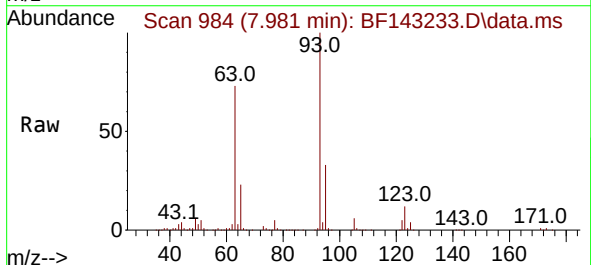
Instrument :
BNA_F
ClientSampleId :
TP-2MS

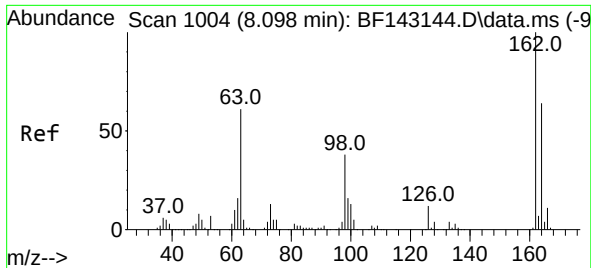
Tgt Ion:122 Resp: 265349
Ion Ratio Lower Upper
122 100
107 117.1 91.8 137.6
121 58.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.549 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 93 Resp: 349106
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.988 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

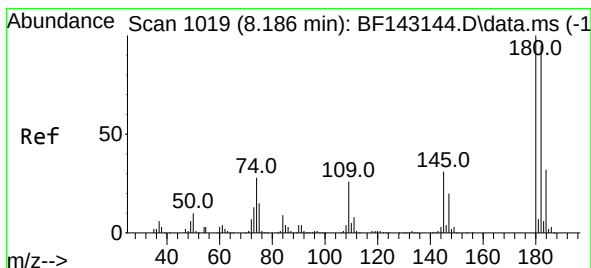
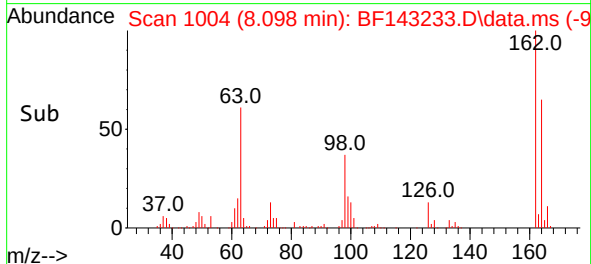
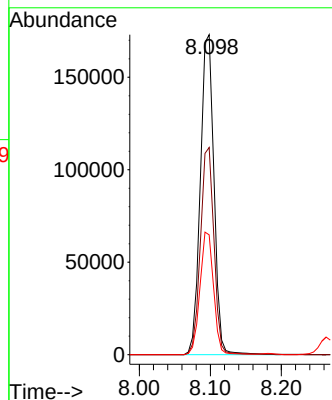
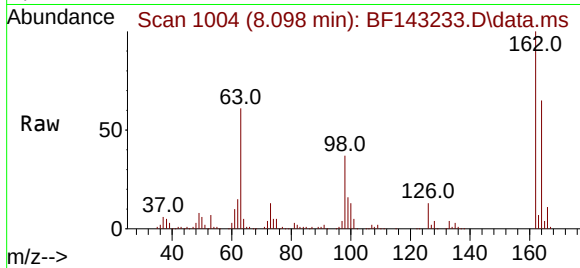
Tgt Ion:162 Resp: 231786

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 37.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 41.084 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

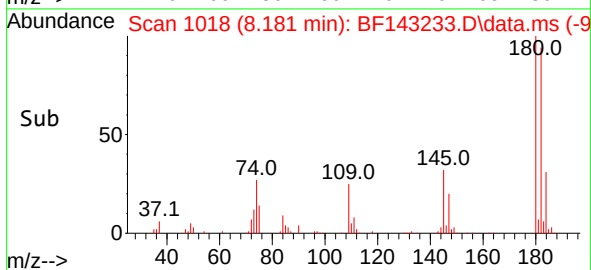
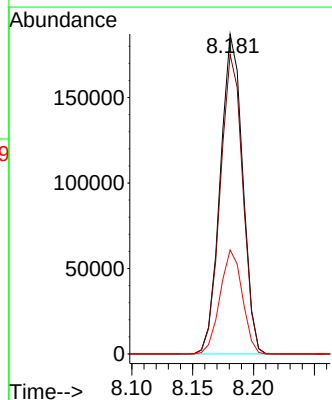
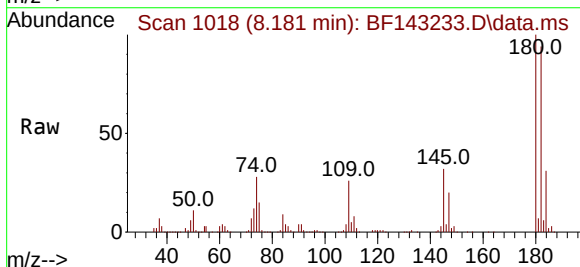
Tgt Ion:180 Resp: 239321

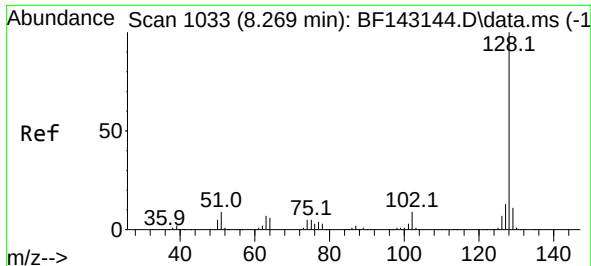
Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.2

145 32.5 25.0 37.6

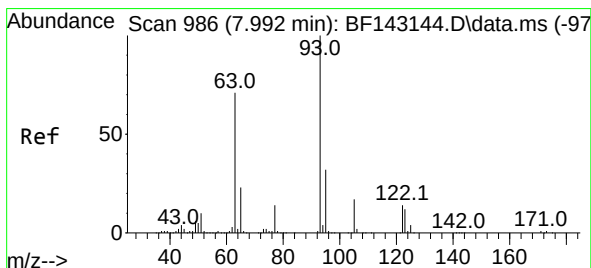
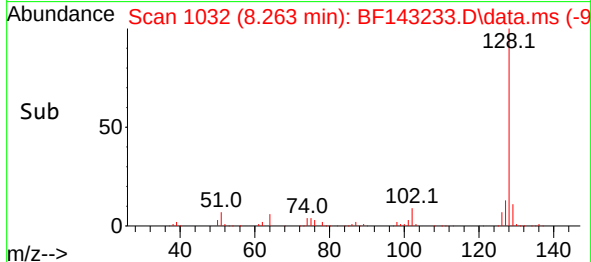
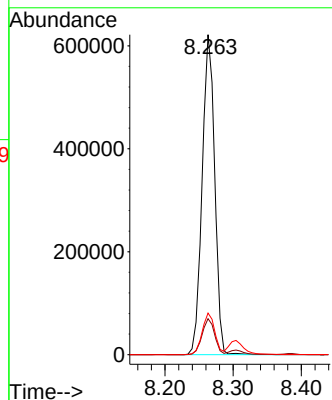
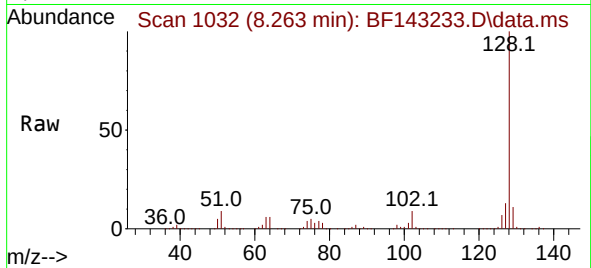




#31
Naphthalene
Concen: 41.826 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

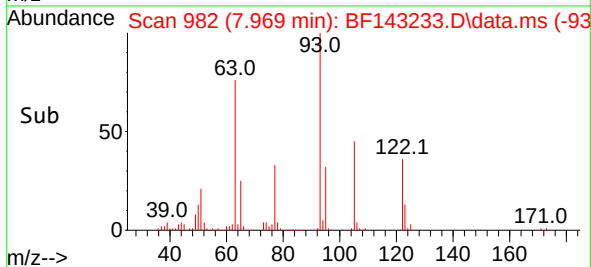
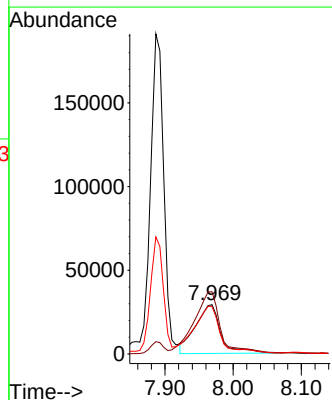
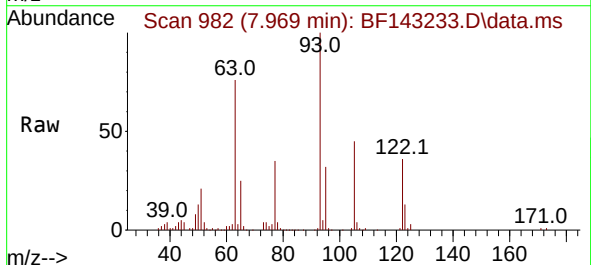
Instrument :
BNA_F
ClientSampleId :
TP-2MS

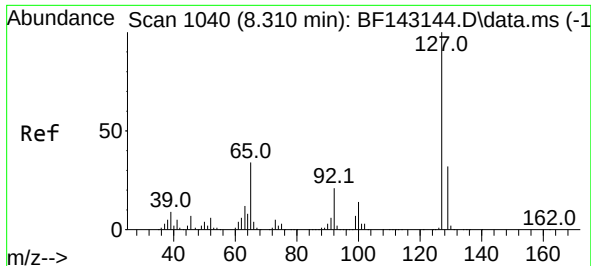
Tgt Ion:128 Resp: 795952
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 23.706 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:122 Resp: 74798
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 96.4 77.6 117.6

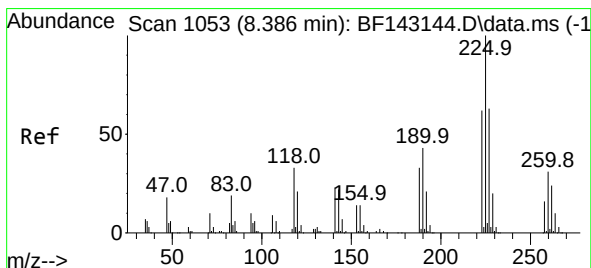
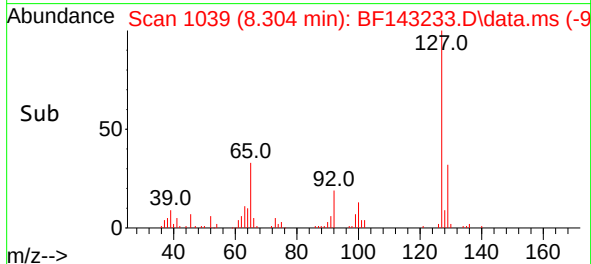
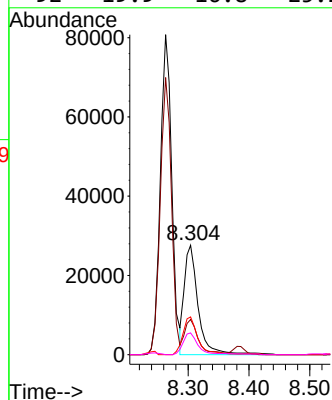
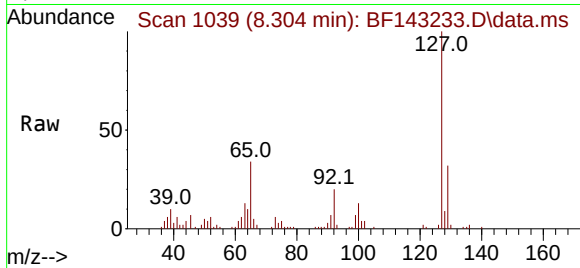




#33
4-Chloroaniline
Concen: 5.654 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

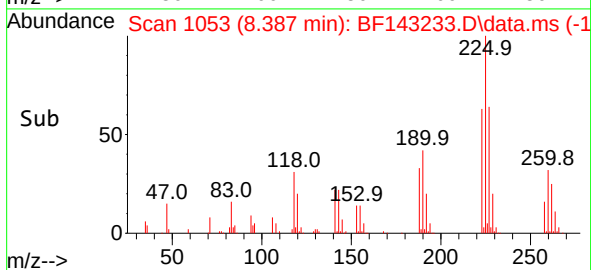
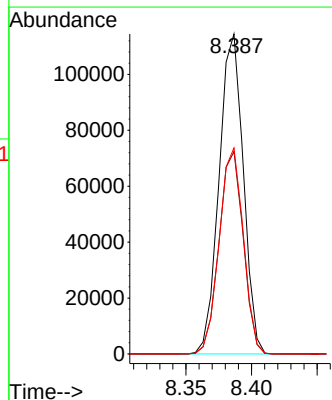
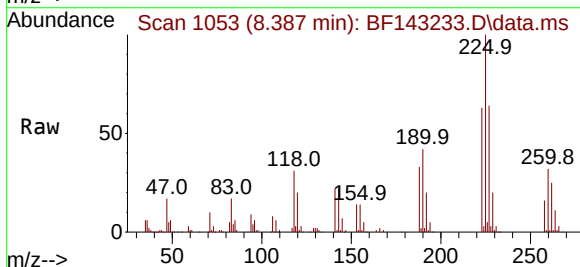
Instrument :
BNA_F
ClientSampleId :
TP-2MS

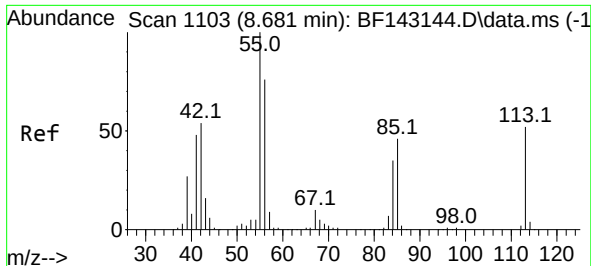
Tgt Ion:	127	Resp:	43937
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	34.4	27.4	41.2
92	19.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.230 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:	225	Resp:	146715
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	64.4	50.2	75.4

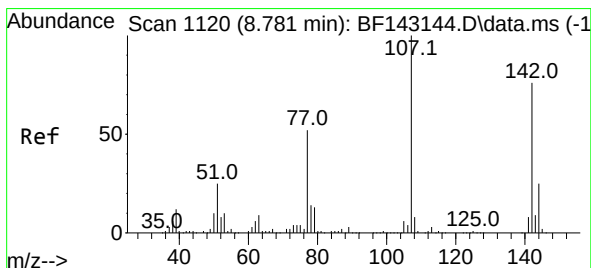
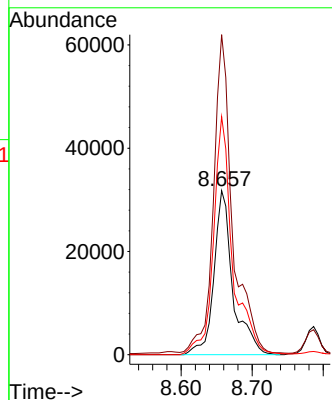
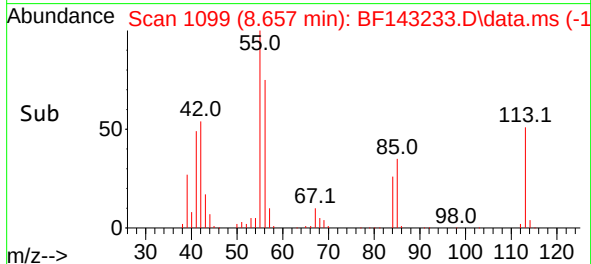
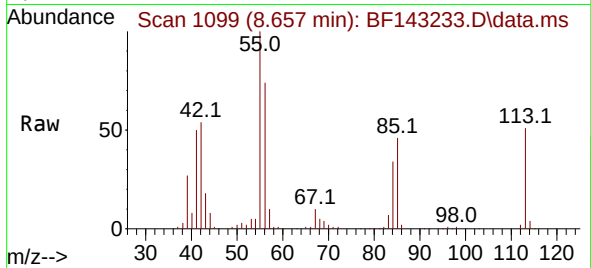




#35
 Caprolactam
 Concen: 36.139 ng
 RT: 8.657 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

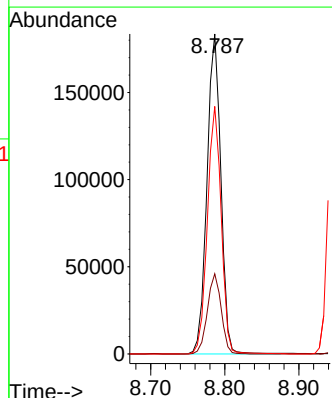
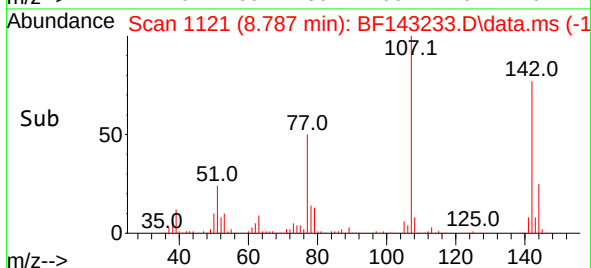
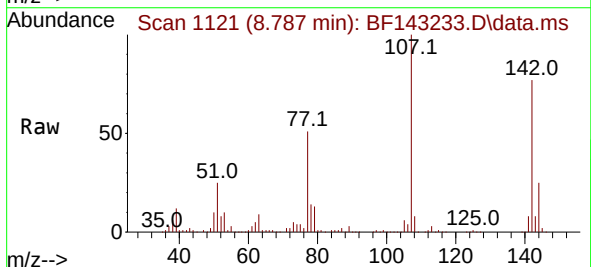
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

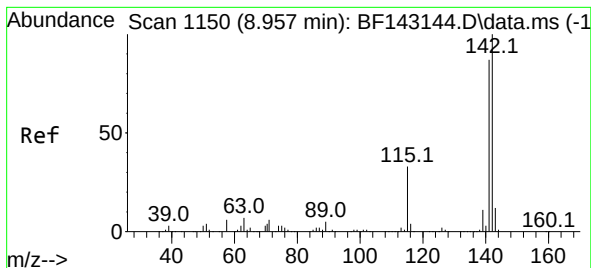
Tgt Ion:113 Resp: 58882
 Ion Ratio Lower Upper
 113 100
 55 195.2 174.0 214.0
 56 145.1 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.853 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

Tgt Ion:107 Resp: 239418
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 77.3 60.6 90.8

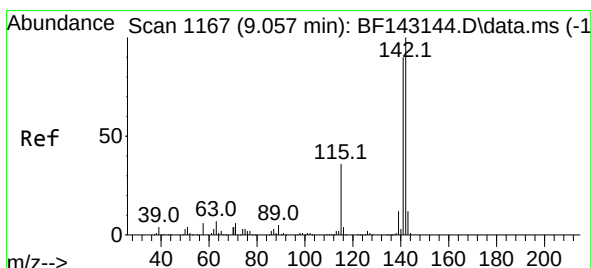
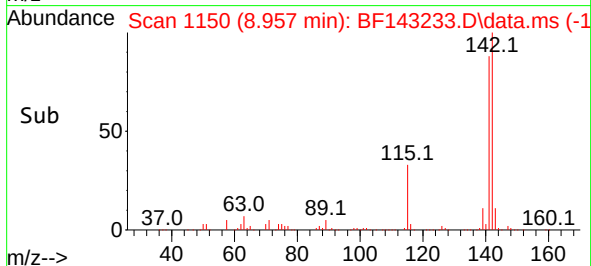
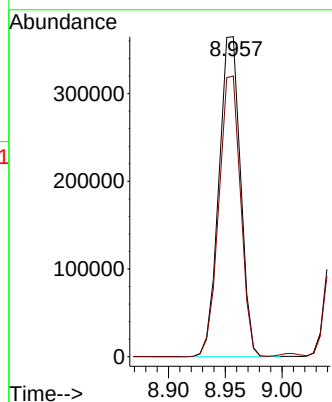
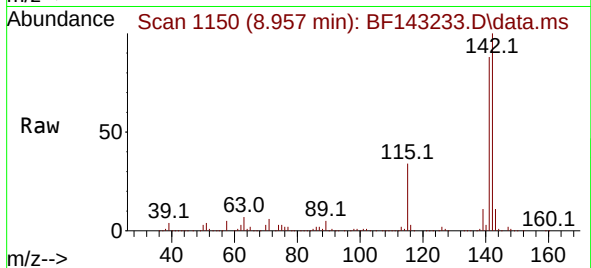




#37
2-Methylnaphthalene
Concen: 41.788 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

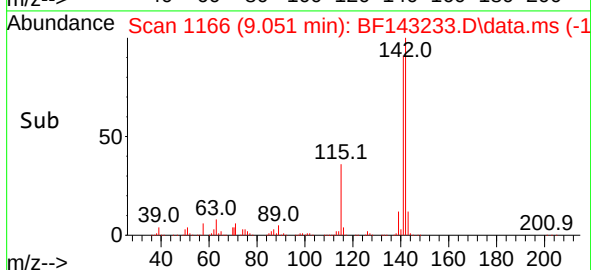
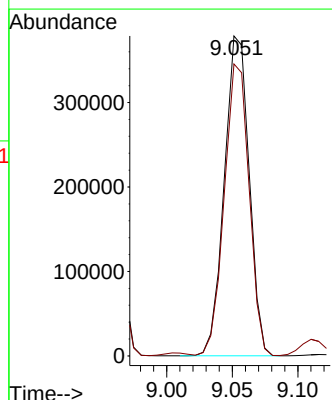
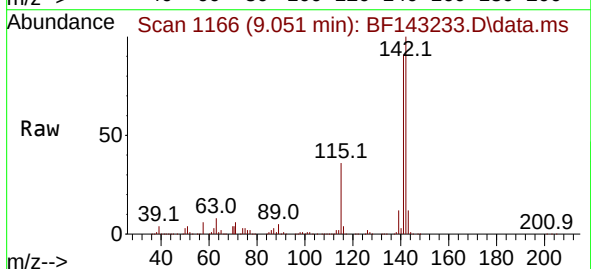
Instrument :
BNA_F
ClientSampleId :
TP-2MS

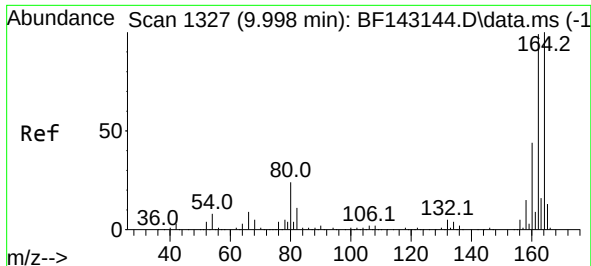
Tgt Ion:142 Resp: 483909
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9



#38
1-Methylnaphthalene
Concen: 41.820 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:142 Resp: 498694
Ion Ratio Lower Upper
142 100
141 91.2 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: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

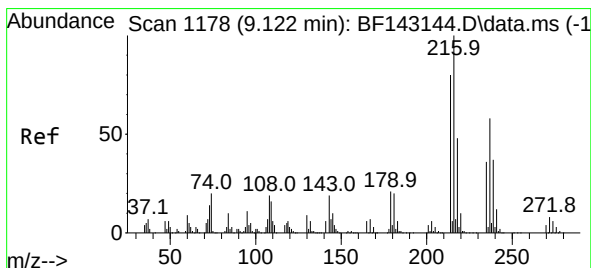
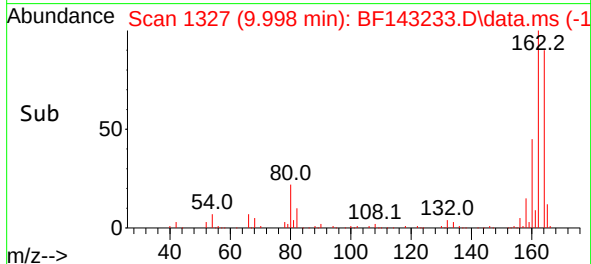
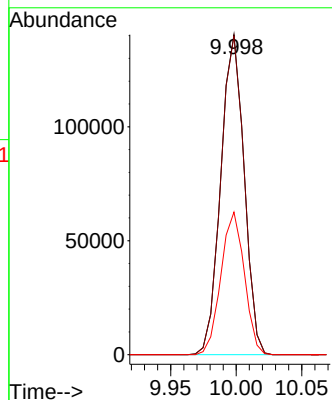
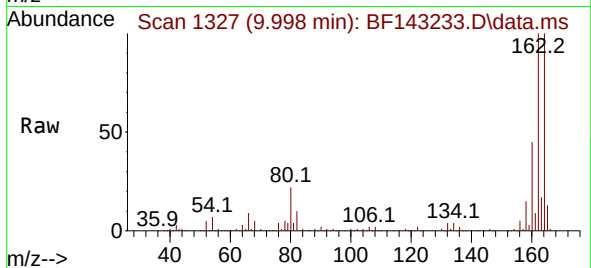
Tgt Ion:164 Resp: 173672

Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

160 44.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.243 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Tgt Ion:216 Resp: 236879

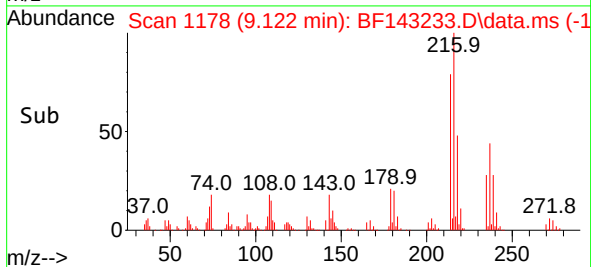
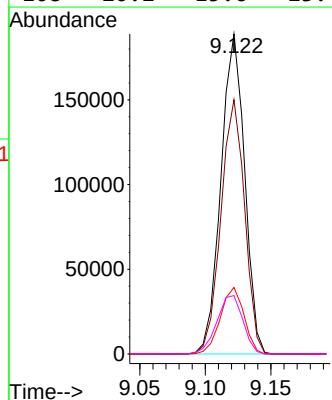
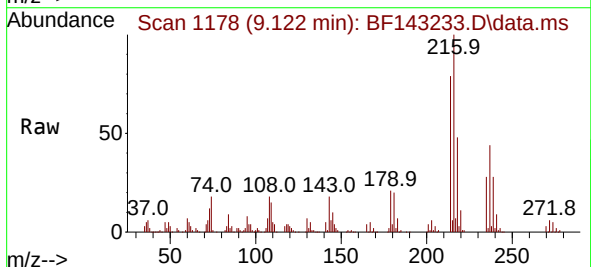
Ion Ratio Lower Upper

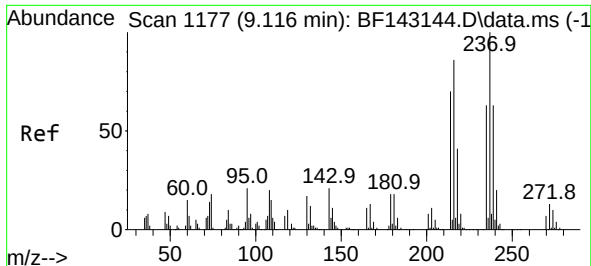
216 100

214 79.4 63.8 95.8

179 20.8 16.4 24.6

108 20.2 15.6 23.4

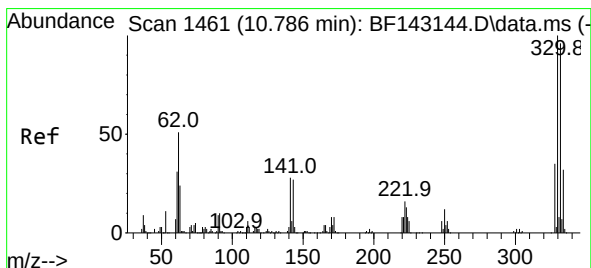
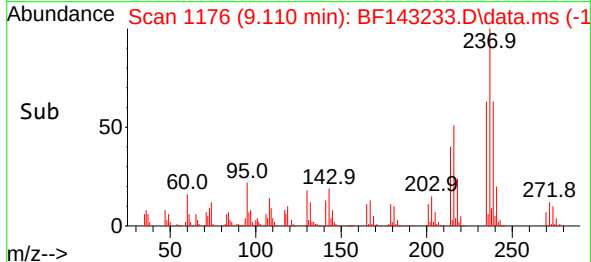
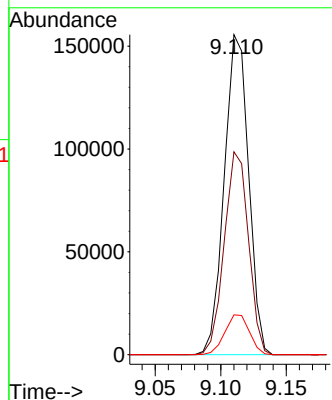
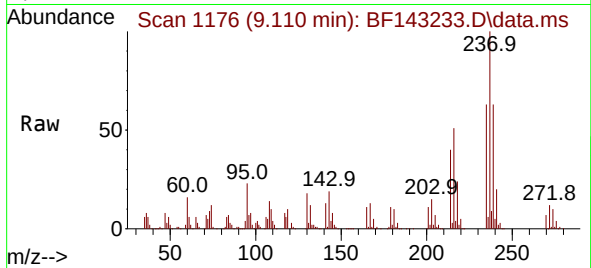




#41
Hexachlorocyclopentadiene
Concen: 61.521 ng
RT: 9.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

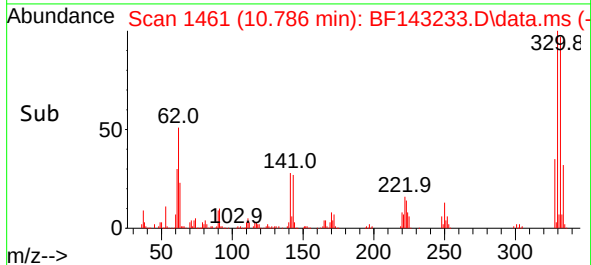
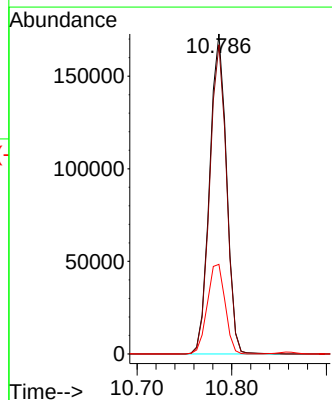
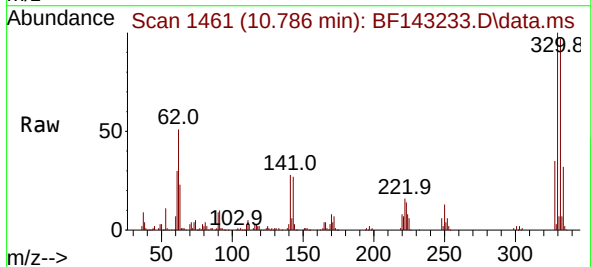
Instrument :
BNA_F
ClientSampleId :
TP-2MS

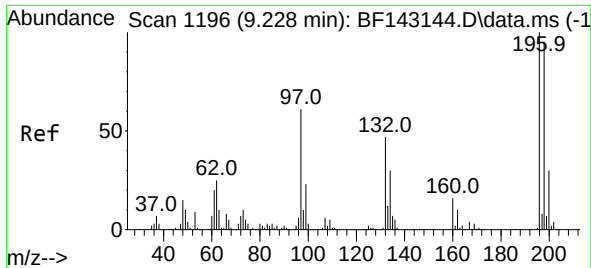
Tgt Ion:237 Resp: 200715
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 12.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 119.246 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:330 Resp: 213942
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 29.5 23.3 34.9

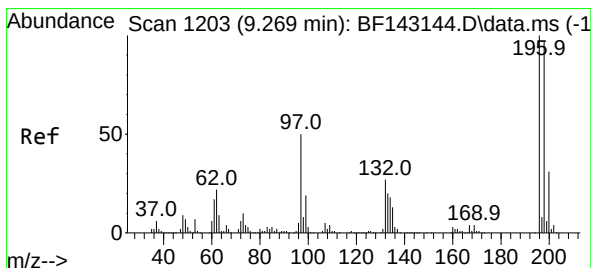
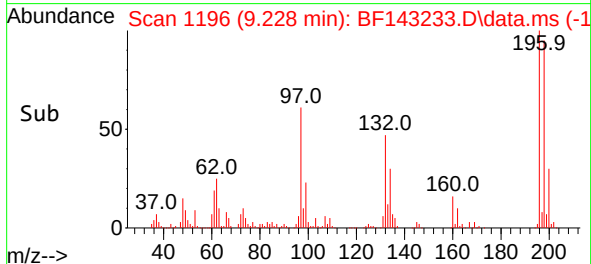
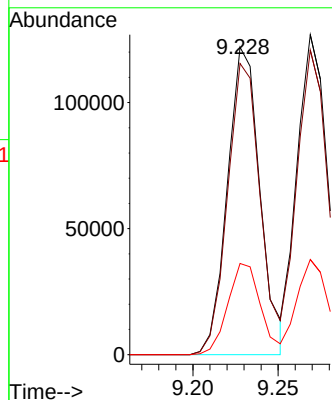
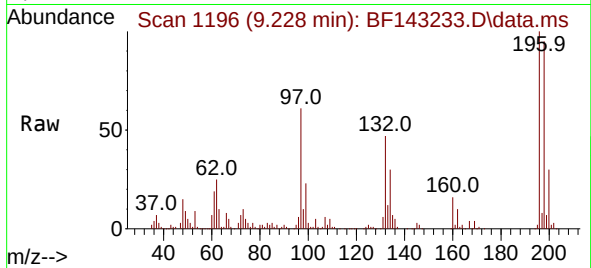




#43
2,4,6-Trichlorophenol
Concen: 46.641 ng
RT: 9.228 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

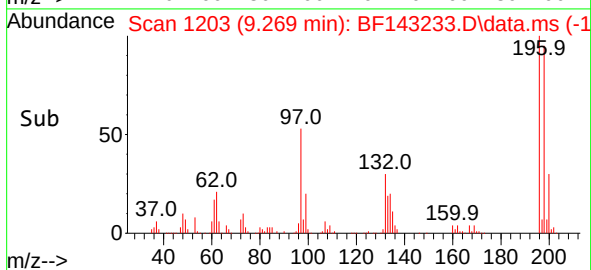
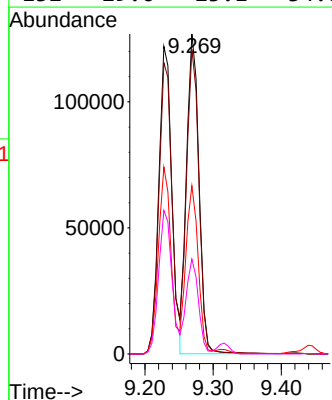
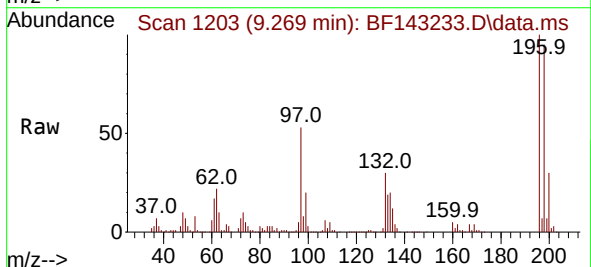
Instrument :
BNA_F
ClientSampleId :
TP-2MS

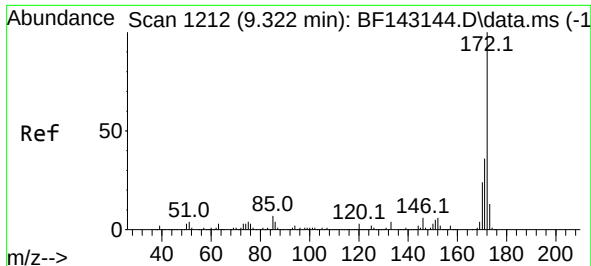
Tgt Ion:196 Resp: 161853
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 29.7 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 46.077 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:196 Resp: 159945
Ion Ratio Lower Upper
196 100
198 95.2 77.3 115.9
97 52.5 40.3 60.5
132 29.6 23.1 34.7

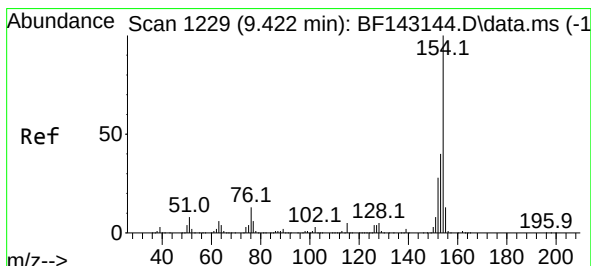
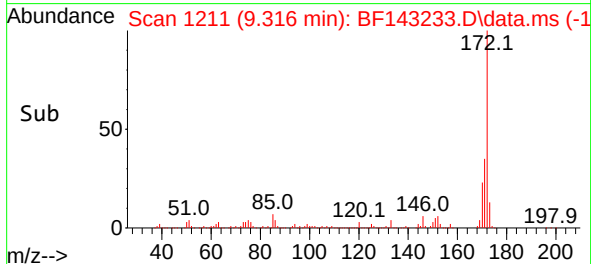
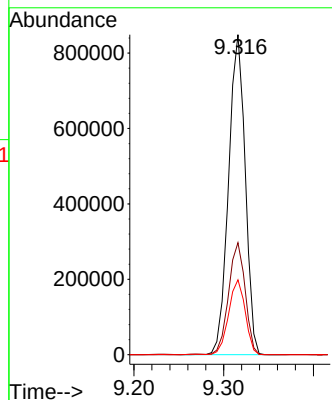
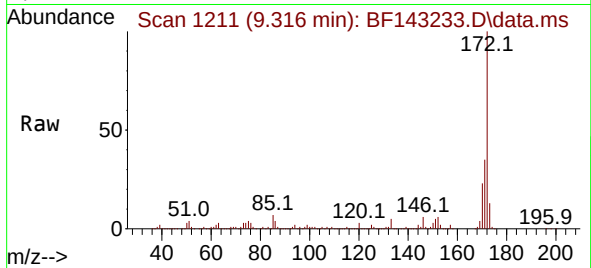




#45
2-Fluorobiphenyl
Concen: 86.059 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

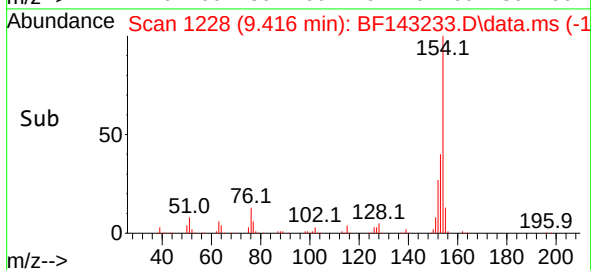
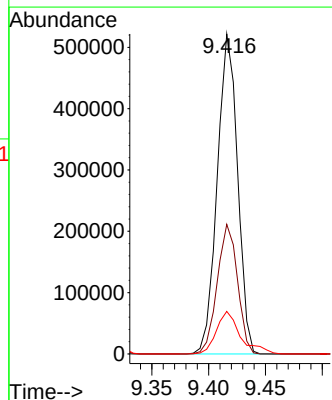
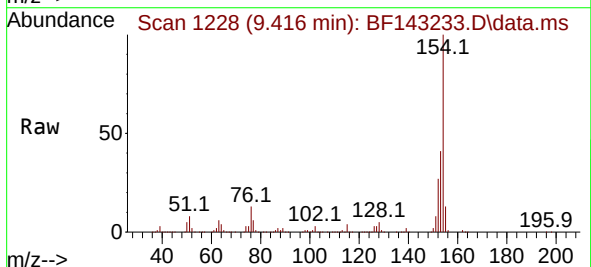
Instrument :
BNA_F
ClientSampleId :
TP-2MS

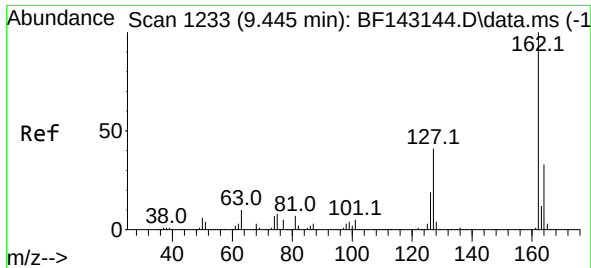
Tgt Ion:172 Resp: 1092842
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 47.988 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:154 Resp: 650234
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.3 0.0 33.3

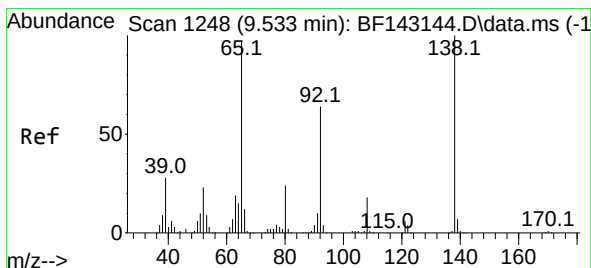
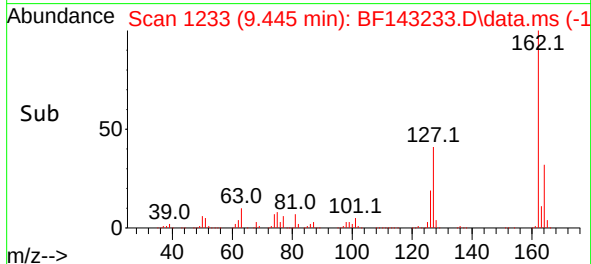
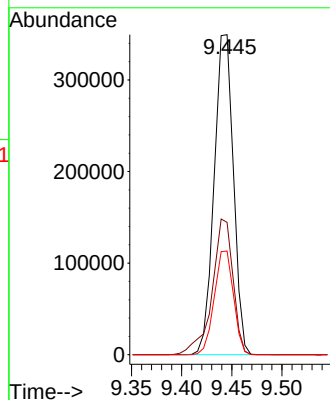
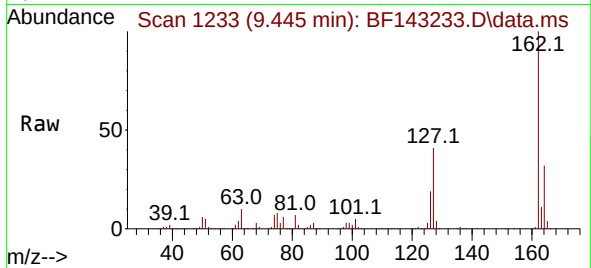




#47
2-Chloronaphthalene
Concen: 46.513 ng
RT: 9.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

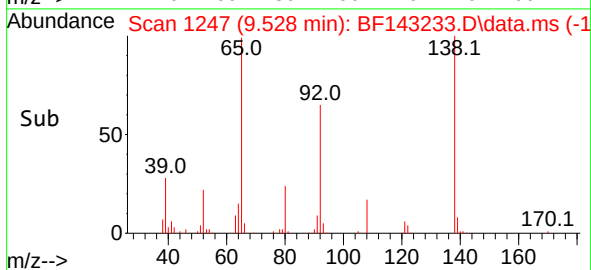
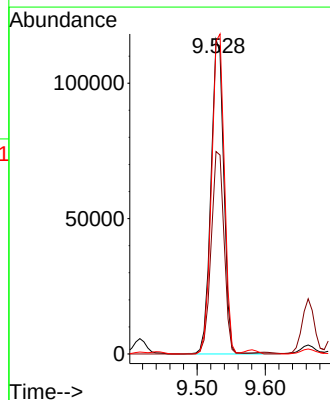
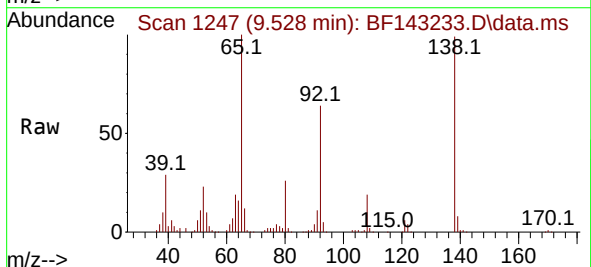
Instrument :
BNA_F
ClientSampleId :
TP-2MS

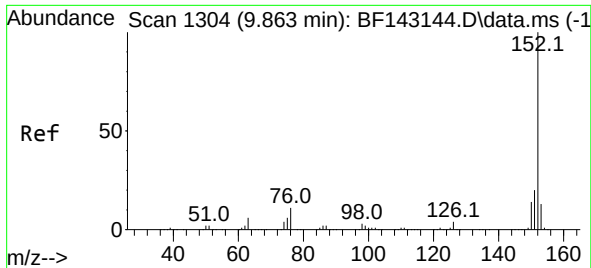
Tgt Ion:162 Resp: 466335
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 32.4 26.2 39.2



#48
2-Nitroaniline
Concen: 48.576 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion: 65 Resp: 152729
Ion Ratio Lower Upper
65 100
92 64.3 52.4 78.6
138 99.4 82.3 123.5

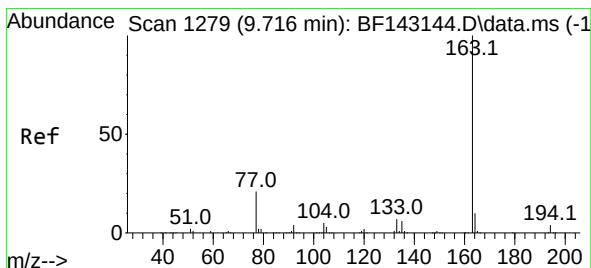
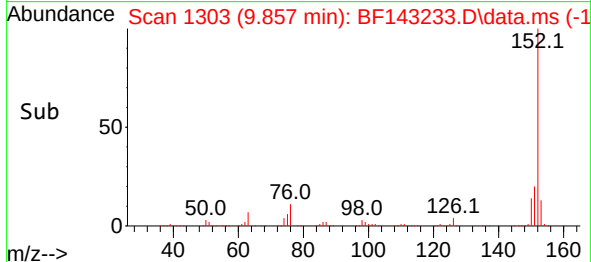
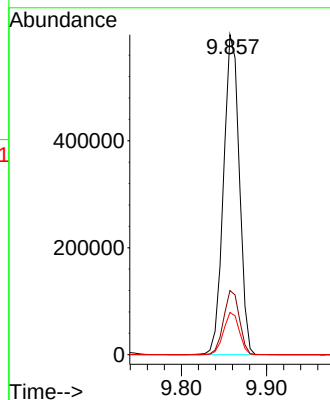
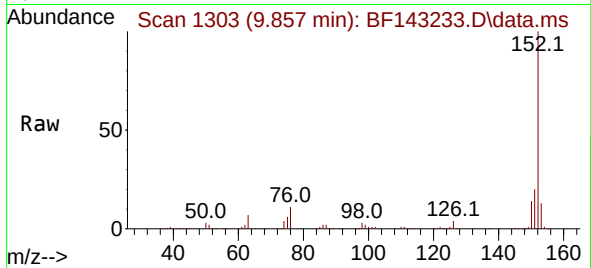




#49
Acenaphthylene
Concen: 45.889 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

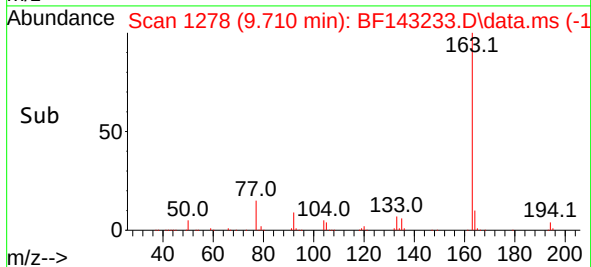
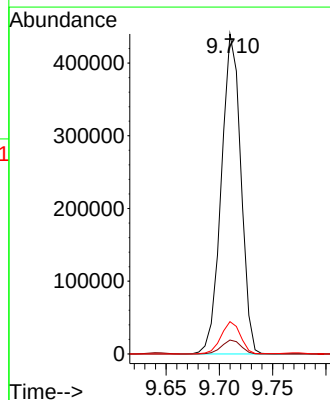
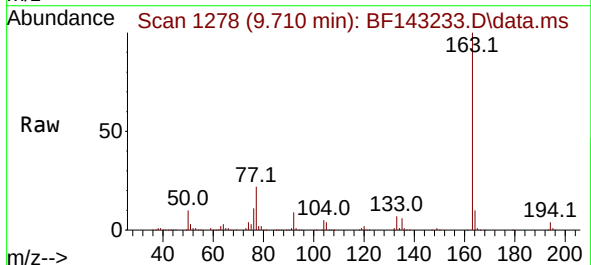
Instrument :
BNA_F
ClientSampleId :
TP-2MS

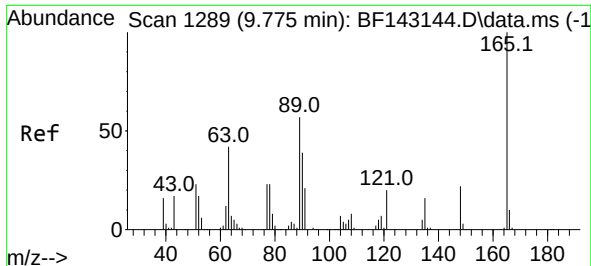
Tgt Ion:152 Resp: 771017
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 49.552 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:163 Resp: 560947
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.3 12.5

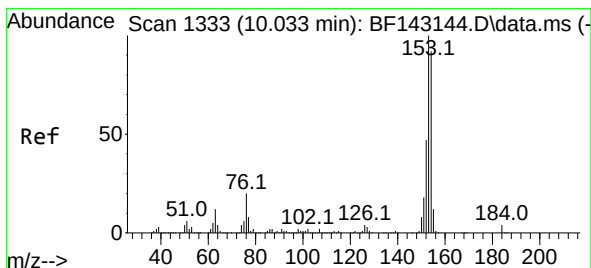
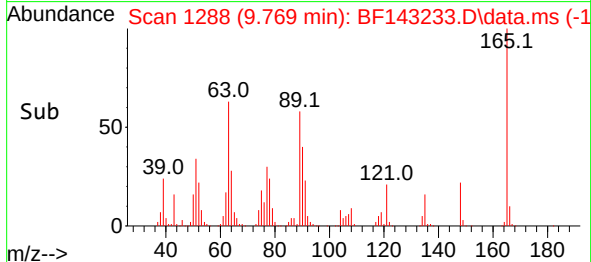
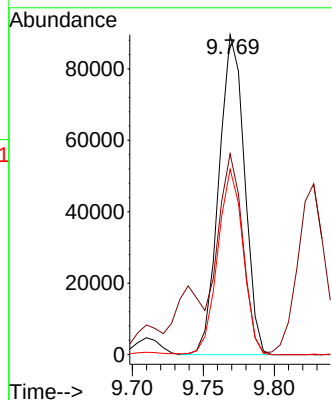
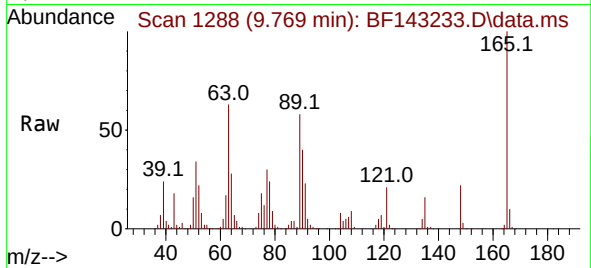




#51
2,6-Dinitrotoluene
Concen: 48.696 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

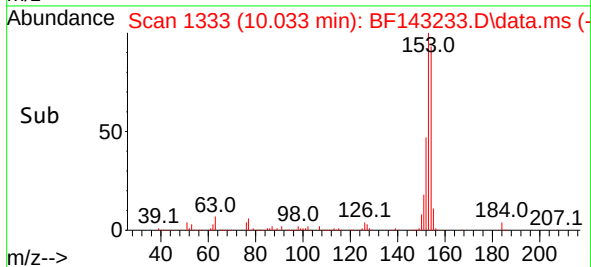
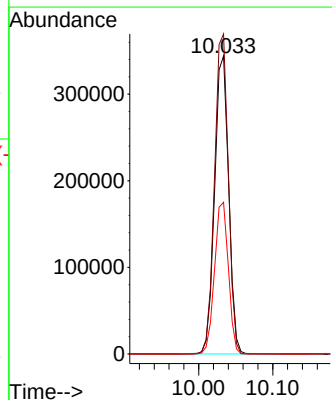
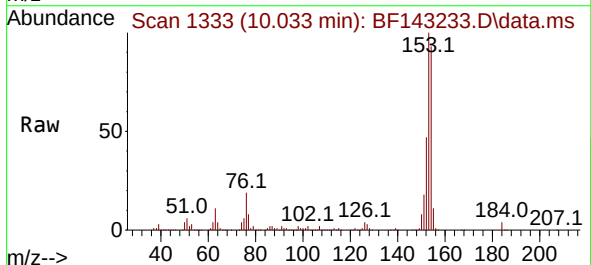
Instrument :
BNA_F
ClientSampleId :
TP-2MS

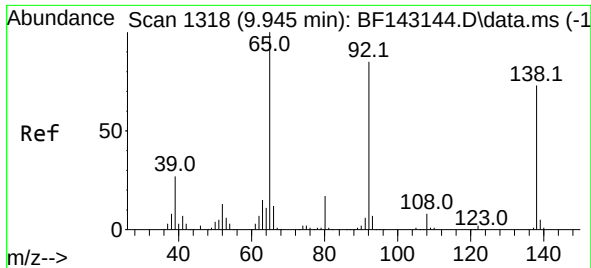
Tgt Ion:165 Resp: 112143
Ion Ratio Lower Upper
165 100
63 62.8 49.4 74.2
89 58.0 46.2 69.2



#52
Acenaphthene
Concen: 45.573 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:154 Resp: 452571
Ion Ratio Lower Upper
154 100
153 107.3 86.6 129.8
152 50.9 40.4 60.6

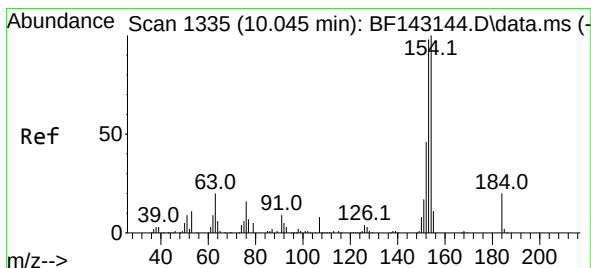
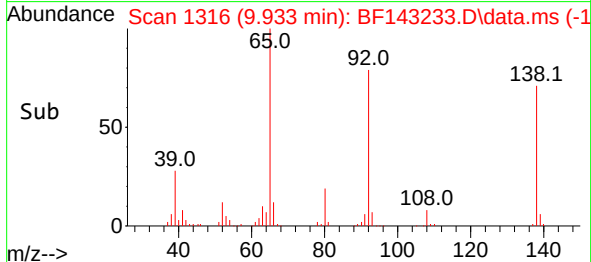
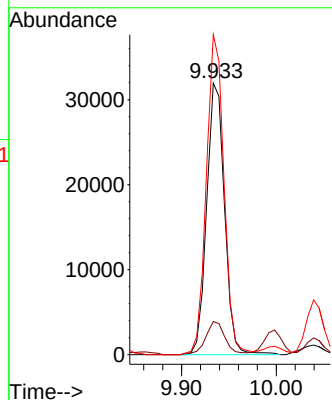
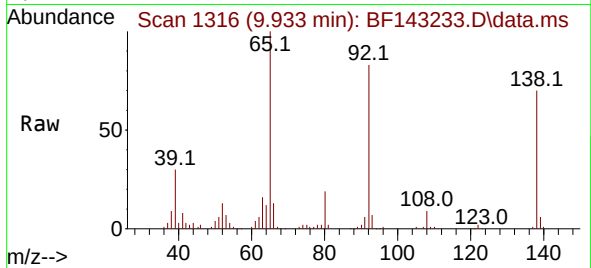




#53
3-Nitroaniline
Concen: 15.531 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

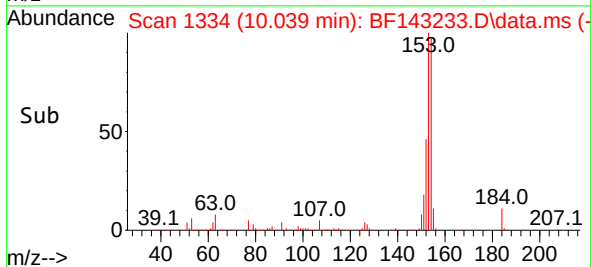
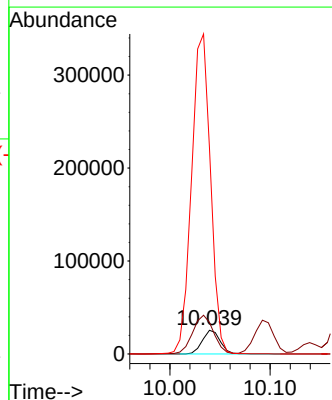
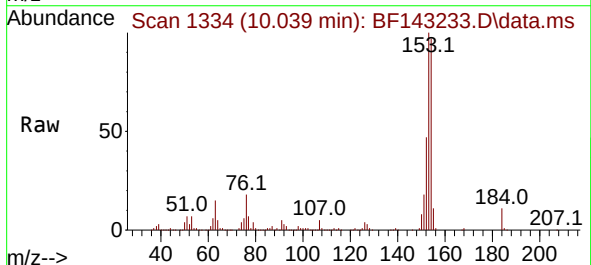
Instrument :
BNA_F
ClientSampleId :
TP-2MS

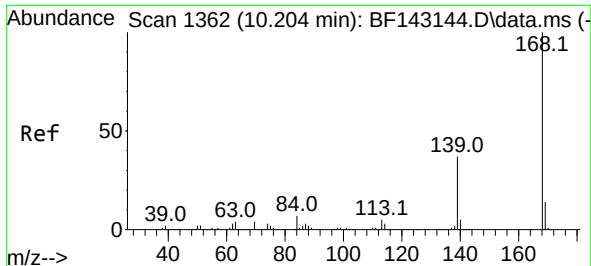
Tgt Ion:138 Resp: 41835
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.6
92 117.9 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 34.680 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:184 Resp: 31898
Ion Ratio Lower Upper
184 100
63 132.7 81.8 122.6#
154 866.4 412.2 618.4#

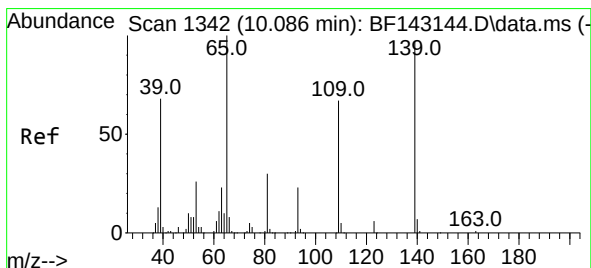
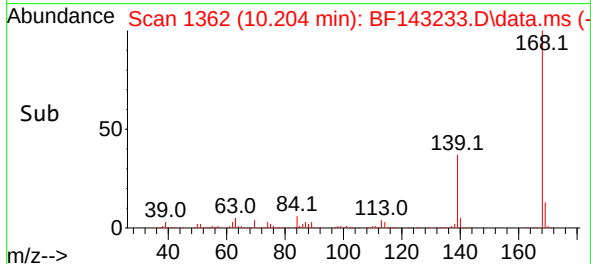
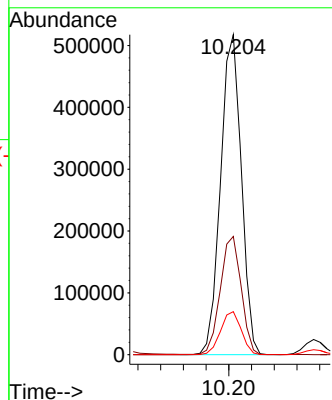
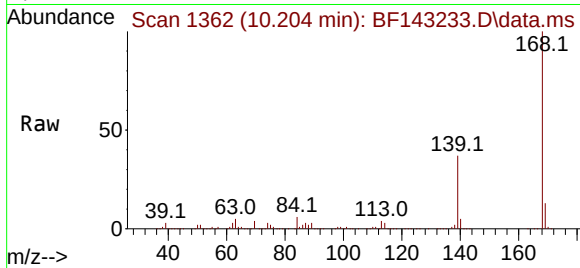




#55
Dibenzenofuran
Concen: 44.588 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

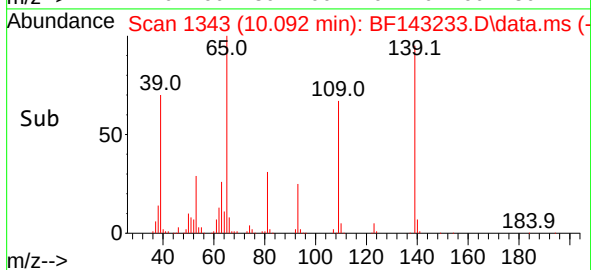
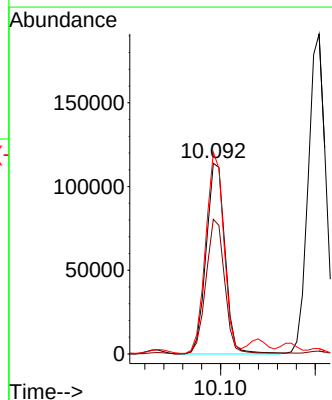
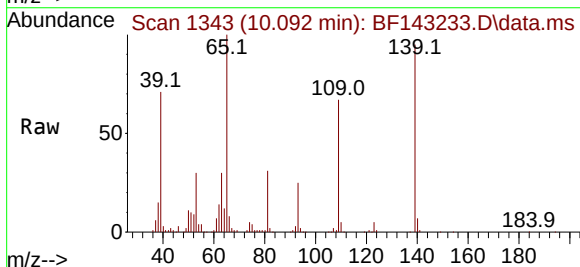
Instrument :
BNA_F
ClientSampleId :
TP-2MS

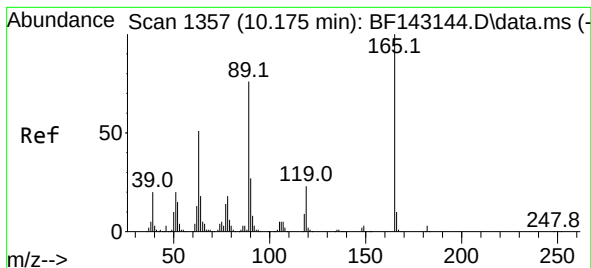
Tgt Ion:168 Resp: 657402
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 78.029 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:139 Resp: 156951
Ion Ratio Lower Upper
139 100
109 70.6 48.5 88.5
65 105.8 83.4 123.4

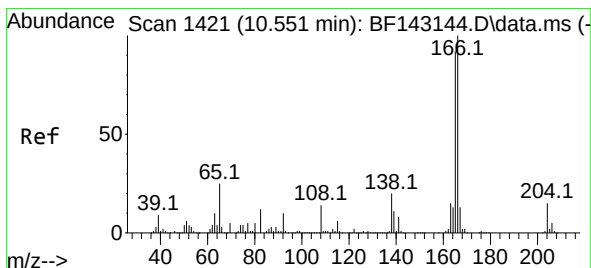
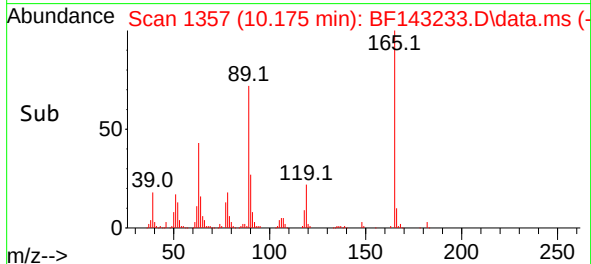
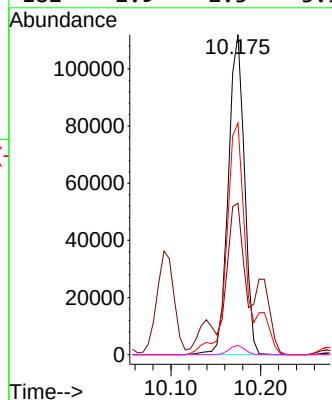
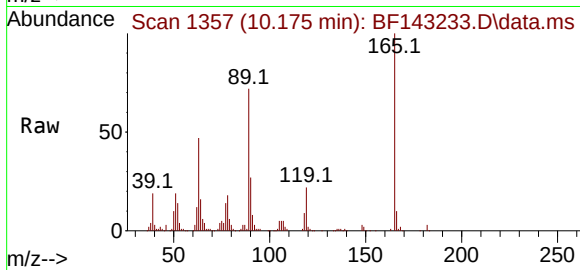




#57
2,4-Dinitrotoluene
Concen: 48.357 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

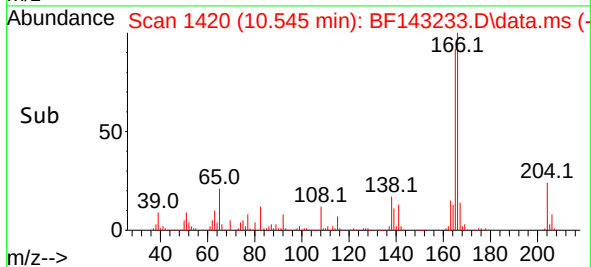
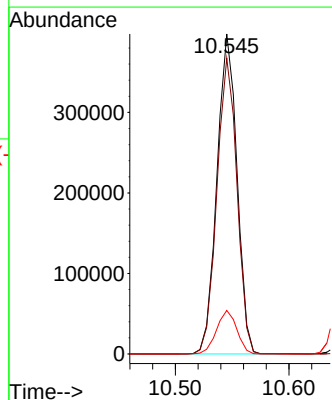
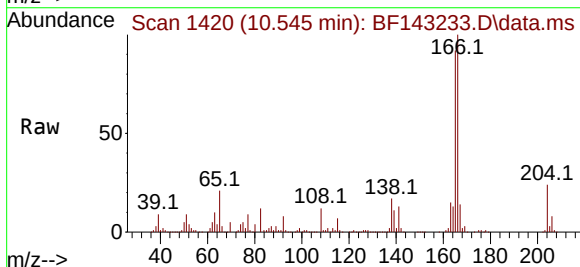
Instrument :
BNA_F
ClientSampleId :
TP-2MS

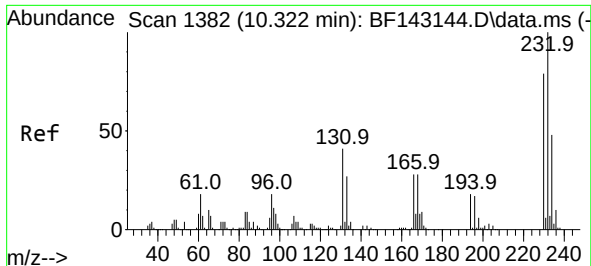
Tgt Ion:165 Resp: 139715
Ion Ratio Lower Upper
165 100
63 47.3 41.0 61.4
89 72.4 61.1 91.7
182 2.9 2.3 3.5



#58
Fluorene
Concen: 44.066 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:166 Resp: 487614
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 13.6 10.6 16.0

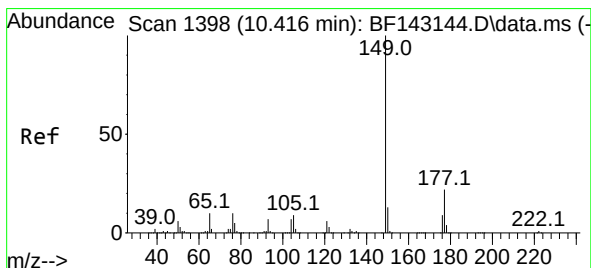
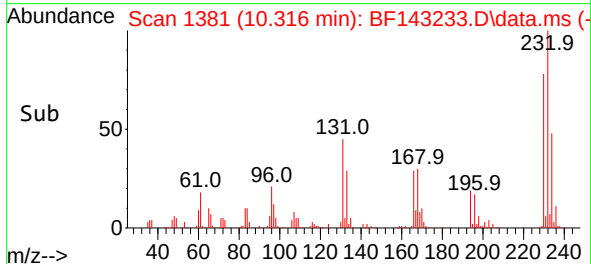
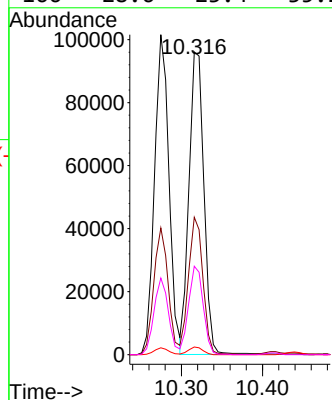
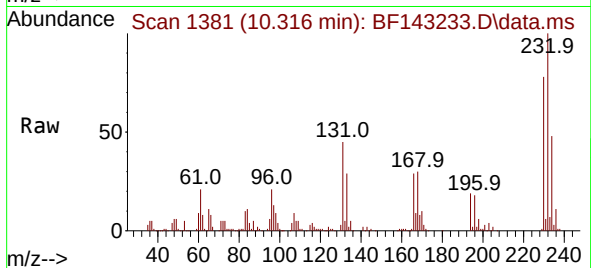




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.711 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

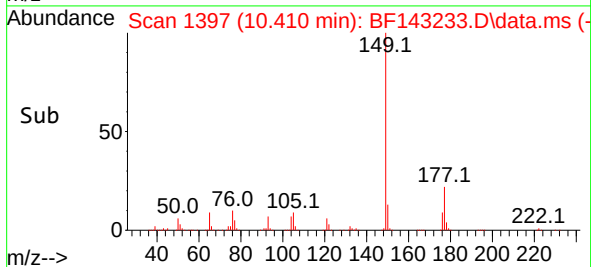
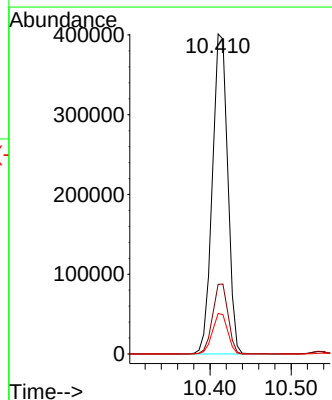
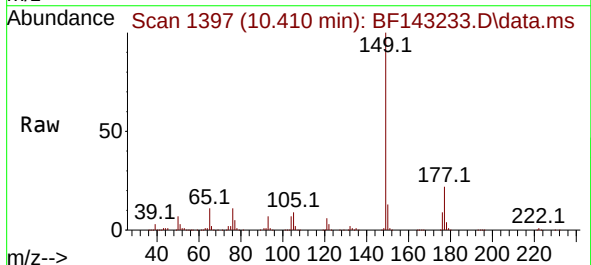
Instrument :
BNA_F
ClientSampleId :
TP-2MS

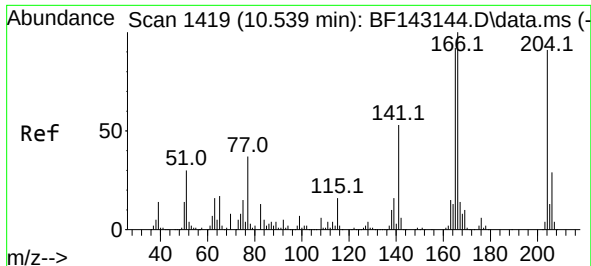
Tgt Ion:232 Resp: 122812
Ion Ratio Lower Upper
232 100
131 43.6 35.3 52.9
130 2.4 1.7 2.5
166 28.6 23.4 35.2



#60
Diethylphthalate
Concen: 47.128 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:149 Resp: 527320
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.2 15.2

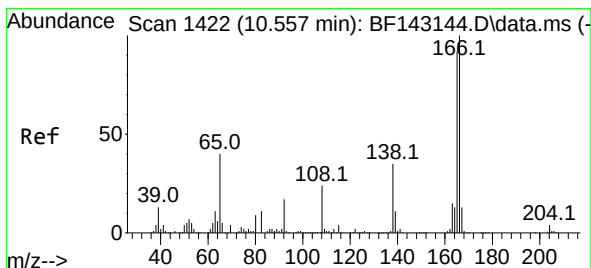
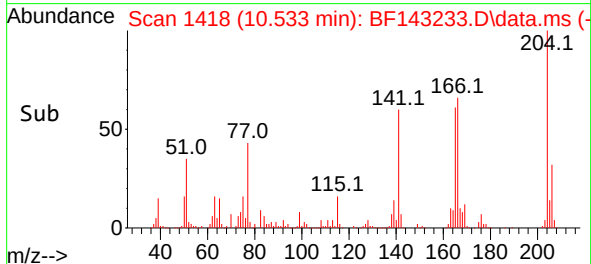
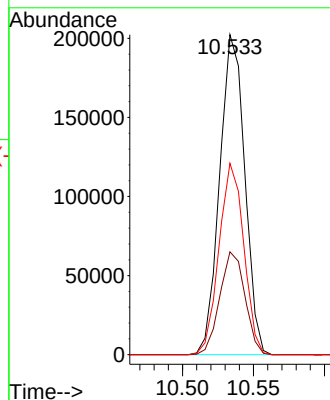
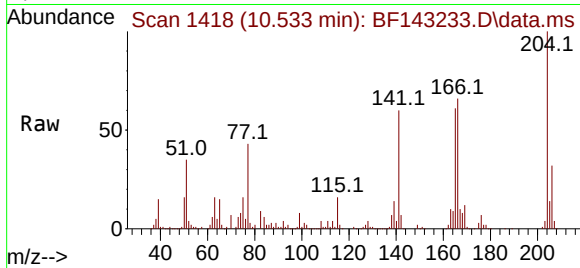




#61
4-Chlorophenyl-phenylether
Concen: 45.115 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

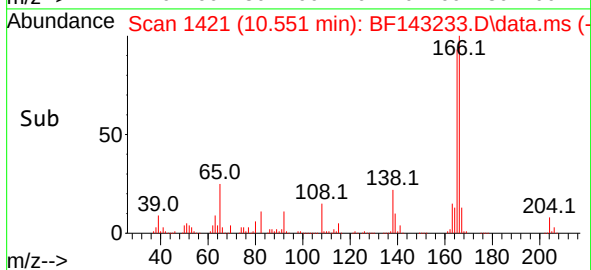
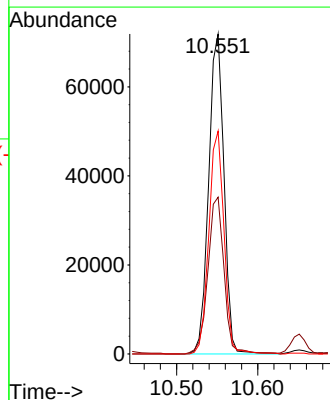
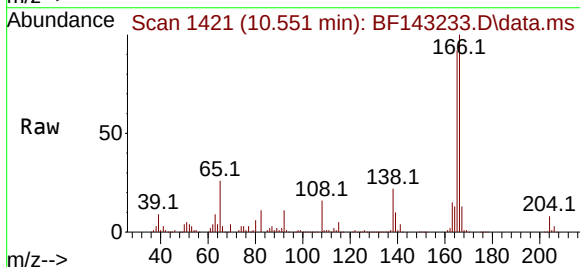
Instrument :
BNA_F
ClientSampleId :
TP-2MS

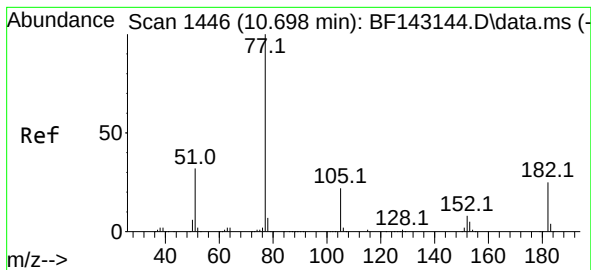
Tgt Ion:204 Resp: 248584
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 59.8 47.0 70.4



#62
4-Nitroaniline
Concen: 40.635 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:138 Resp: 93810
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 69.7 48.3 88.3

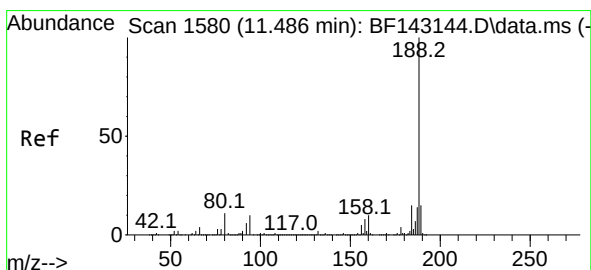
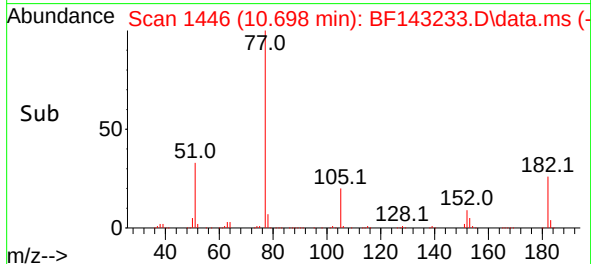
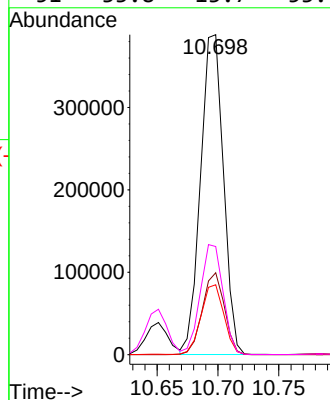
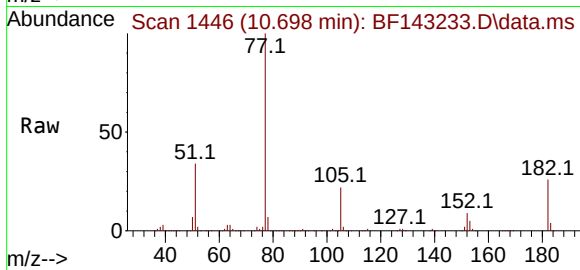




#63
Azobenzene
Concen: 43.450 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

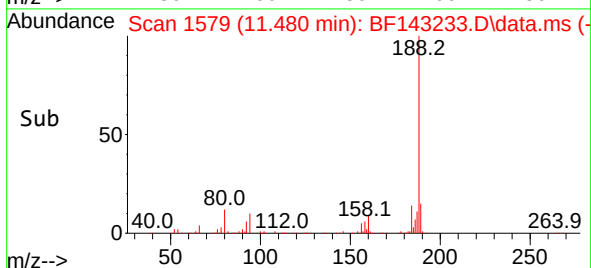
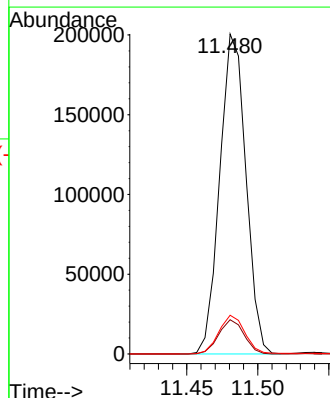
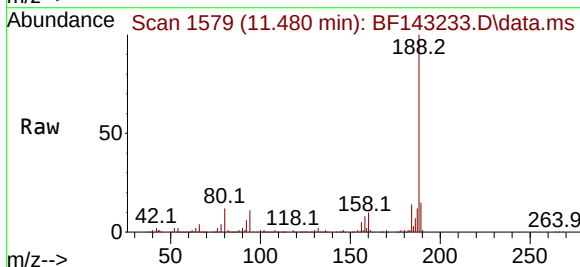
Instrument :
BNA_F
ClientSampleId :
TP-2MS

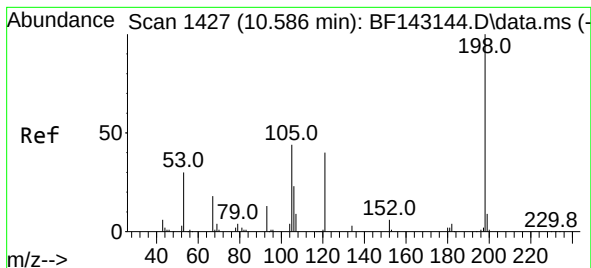
Tgt Ion:	77	Resp:	506692
Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.6	44.6
105	21.9	1.4	41.4
51	33.8	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:	188	Resp:	256696
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	12.1	9.0	13.6

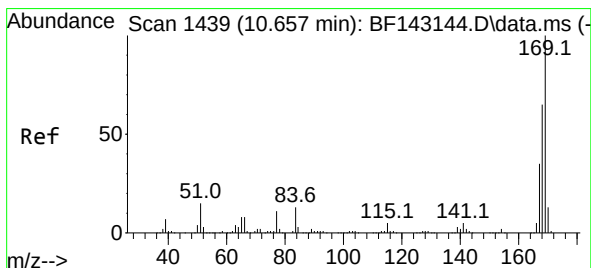
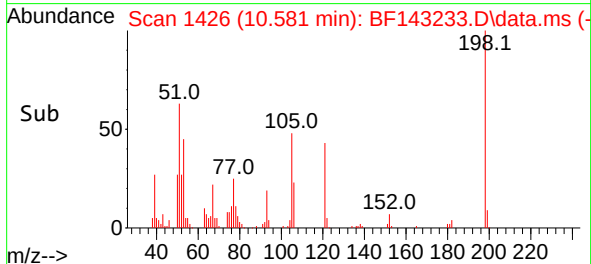
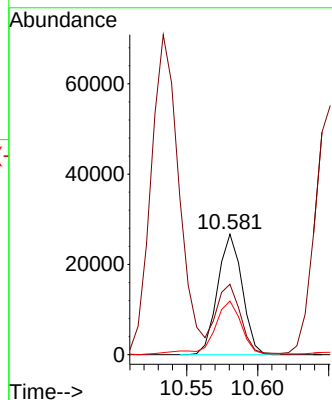
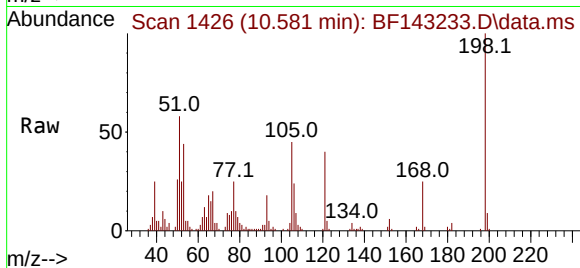




#65
4,6-Dinitro-2-methylphenol
Concen: 26.458 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.005 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

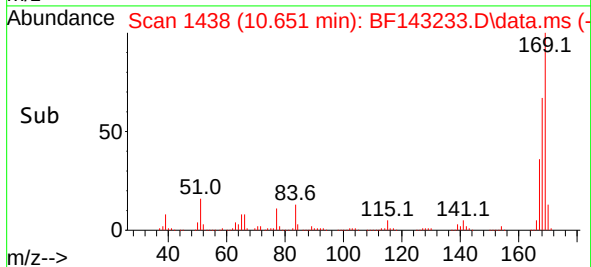
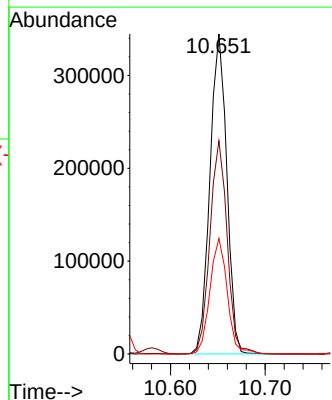
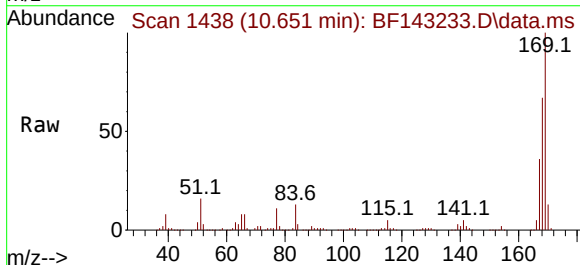
Instrument :
BNA_F
ClientSampleId :
TP-2MS

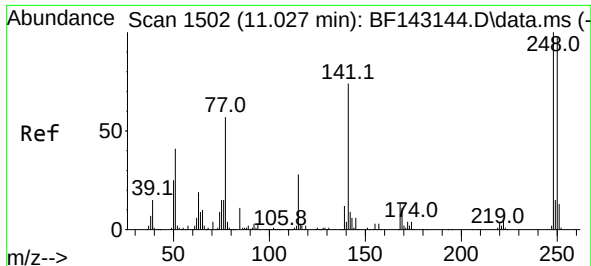
Tgt Ion:198 Resp: 31920
Ion Ratio Lower Upper
198 100
51 58.4 37.2 77.2
105 44.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 47.190 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:169 Resp: 426553
Ion Ratio Lower Upper
169 100
168 66.7 52.1 78.1
167 36.1 28.2 42.2





#67

4-Bromophenyl-phenylether

Concen: 46.839 ng

RT: 11.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

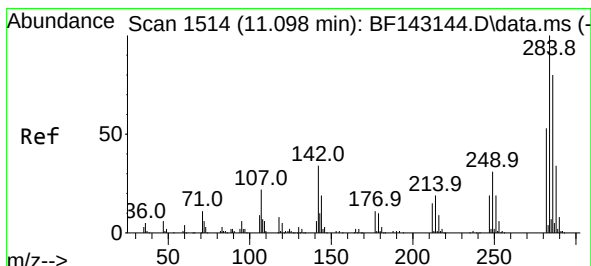
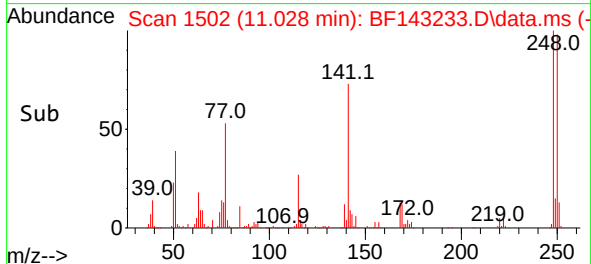
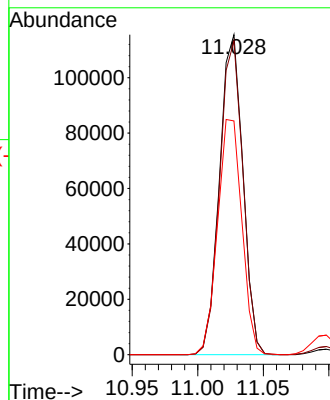
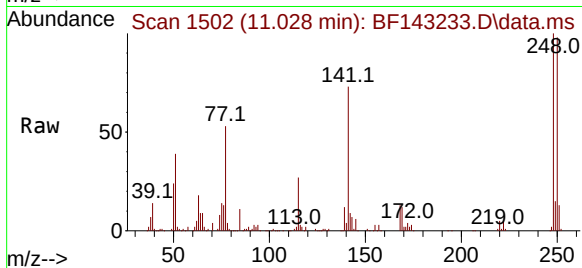
Tgt Ion:248 Resp: 143286

Ion Ratio Lower Upper

248 100

250 98.1 78.3 117.5

141 73.0 59.2 88.8



#68

Hexachlorobenzene

Concen: 45.877 ng

RT: 11.098 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

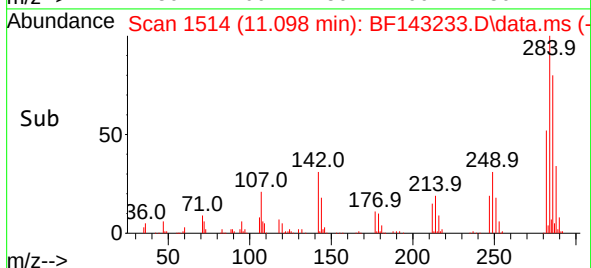
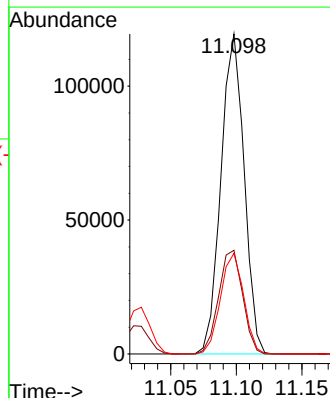
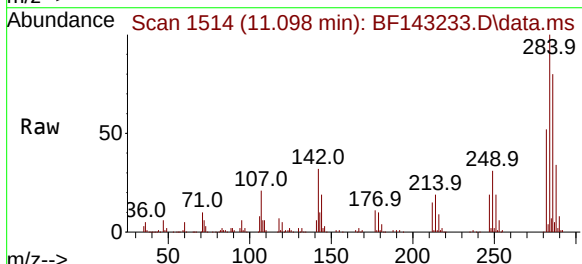
Tgt Ion:284 Resp: 146688

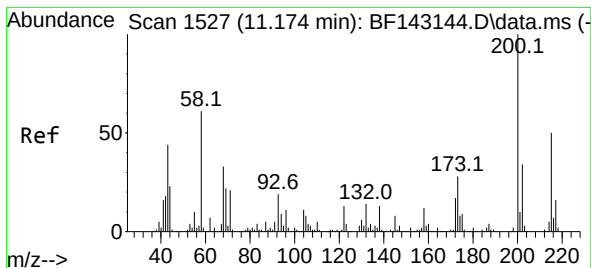
Ion Ratio Lower Upper

284 100

142 32.4 27.0 40.6

249 31.5 25.0 37.6





#69

Atrazine

Concen: 51.813 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

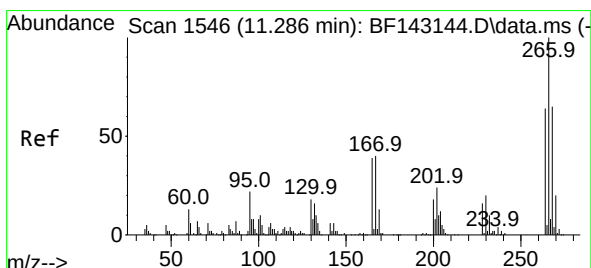
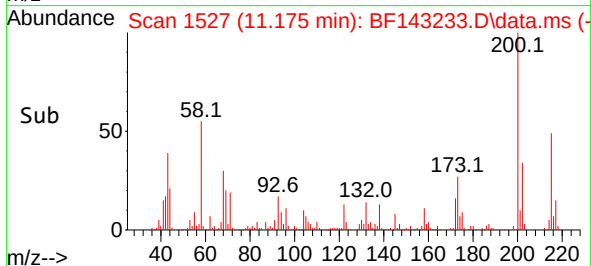
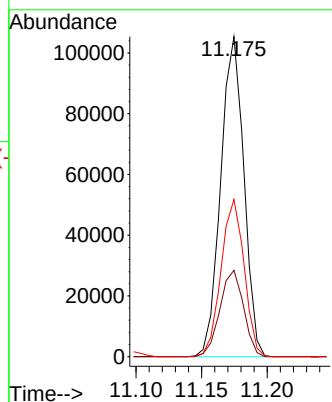
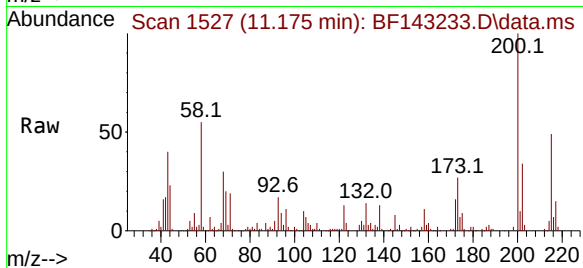
Tgt Ion:200 Resp: 129116

Ion Ratio Lower Upper

200 100

173 27.0 7.9 47.9

215 49.2 30.1 70.1



#70

Pentachlorophenol

Concen: 78.057 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

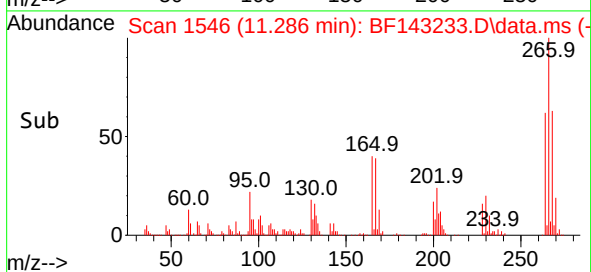
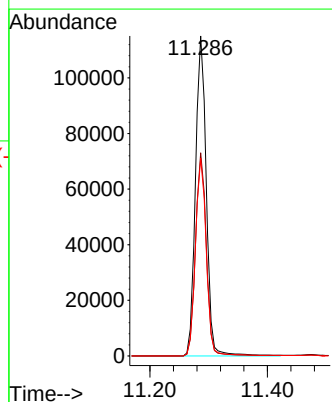
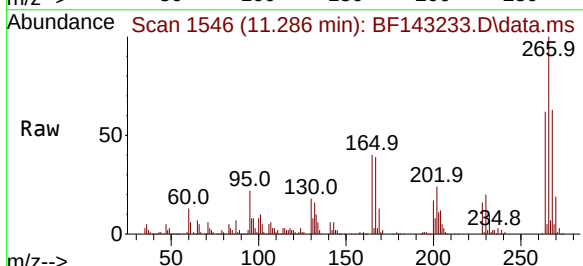
Tgt Ion:266 Resp: 146774

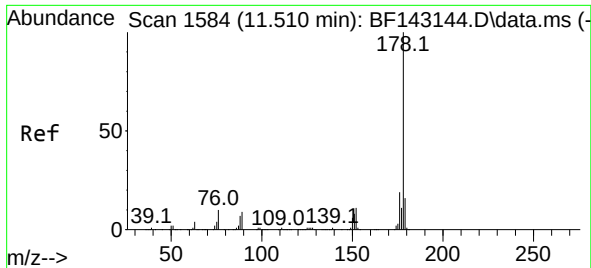
Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

264 61.9 51.0 76.6

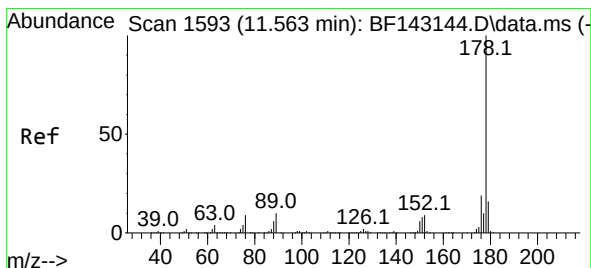
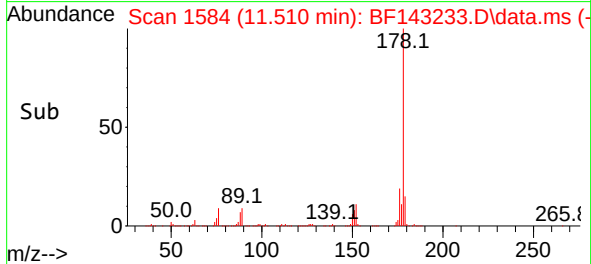
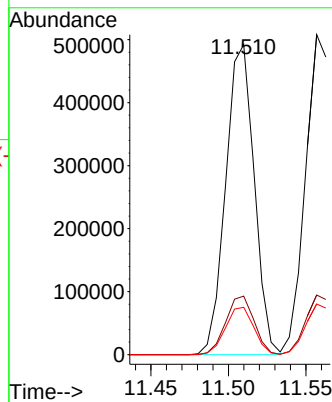
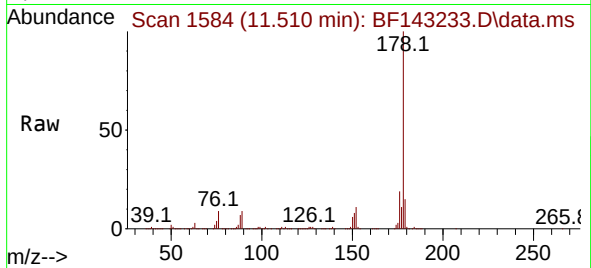




#71
Phenanthrene
Concen: 46.221 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

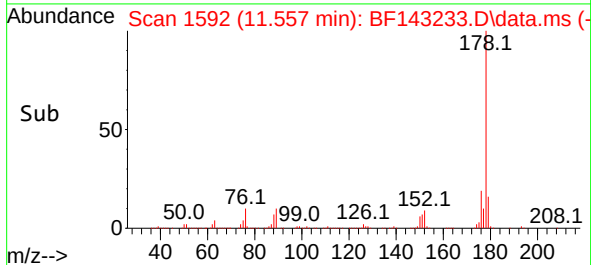
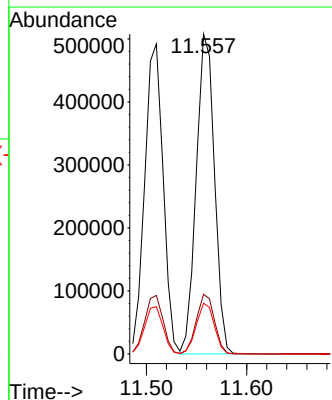
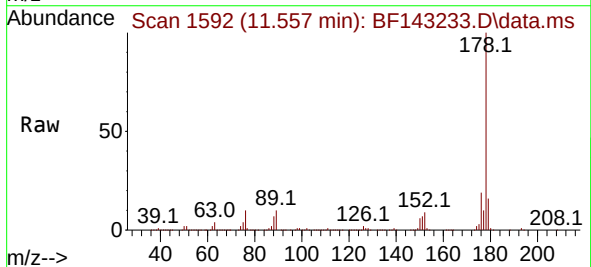
Instrument :
BNA_F
ClientSampleId :
TP-2MS

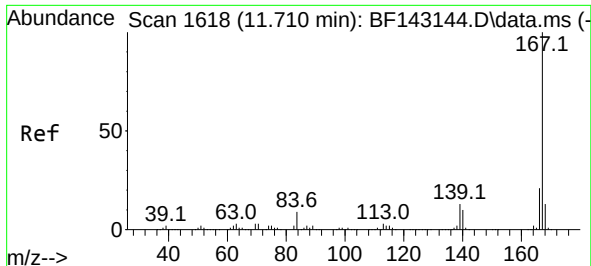
Tgt Ion:178 Resp: 629985
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 46.215 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:178 Resp: 642429
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.9 12.5 18.7

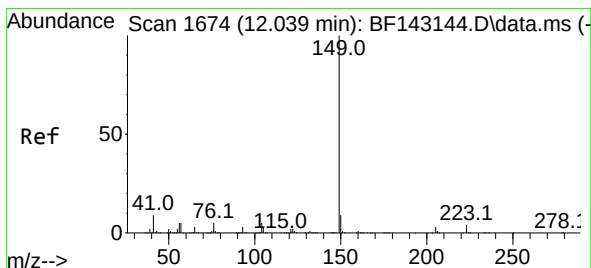
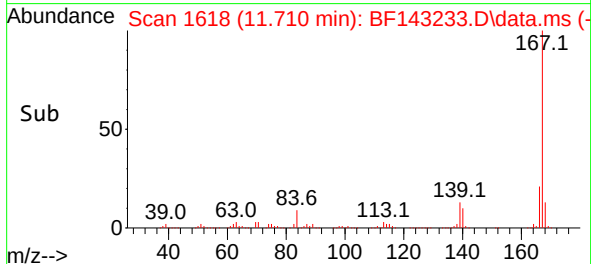
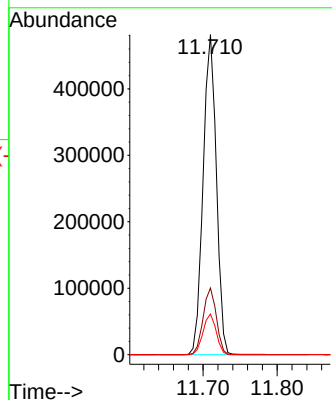
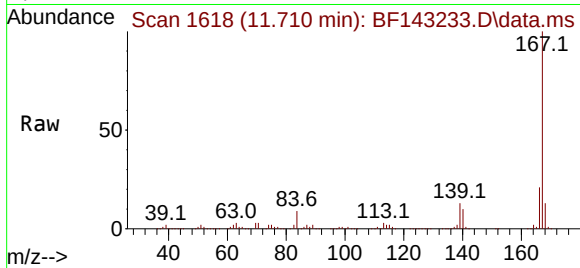




#73
 Carbazole
 Concen: 49.232 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

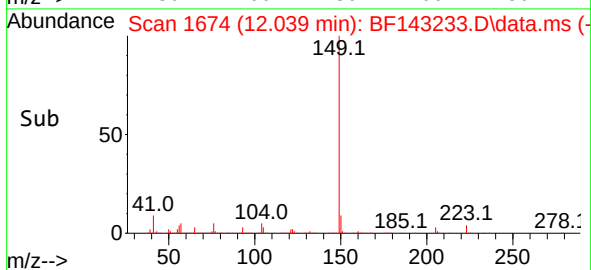
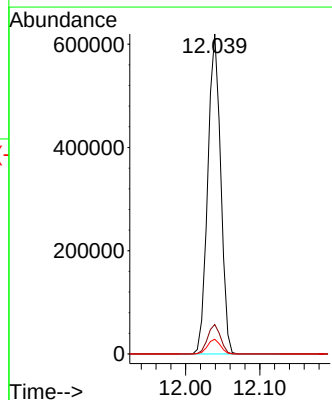
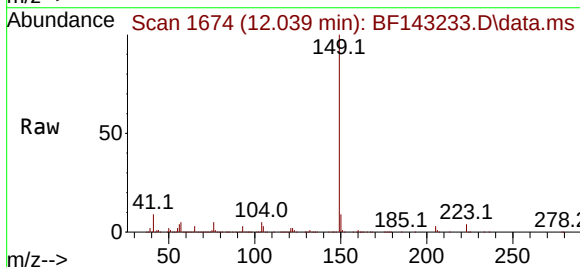
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

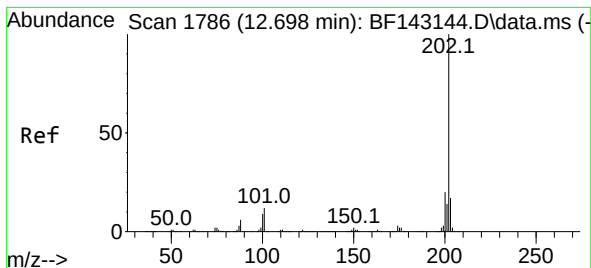
Tgt Ion:167 Resp: 597582
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 54.563 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

Tgt Ion:149 Resp: 749381
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 57.095 ng

RT: 12.698 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

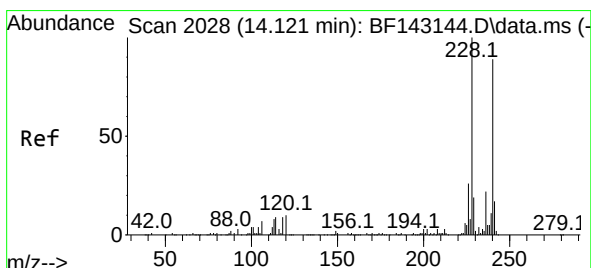
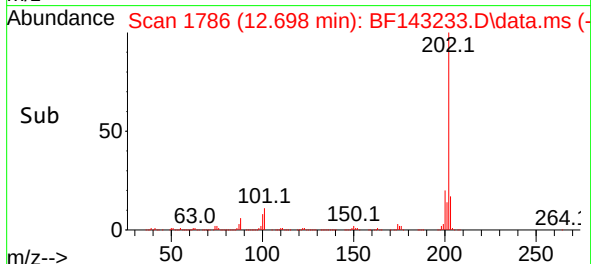
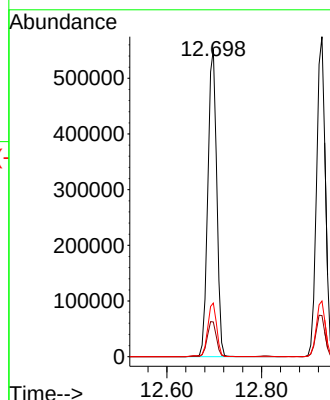
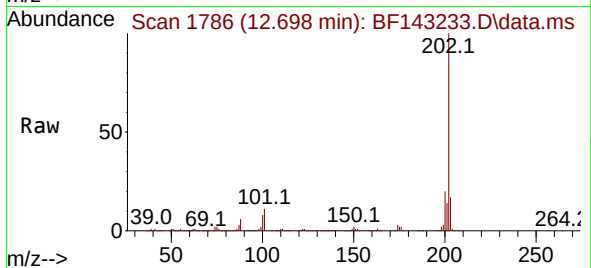
Tgt Ion:202 Resp: 714275

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.7

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

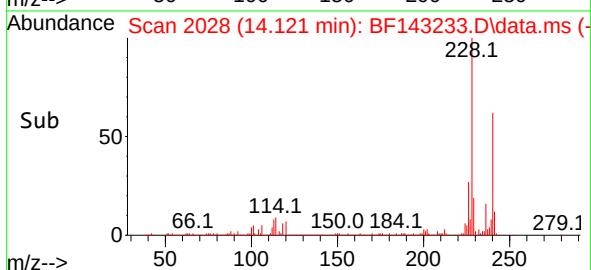
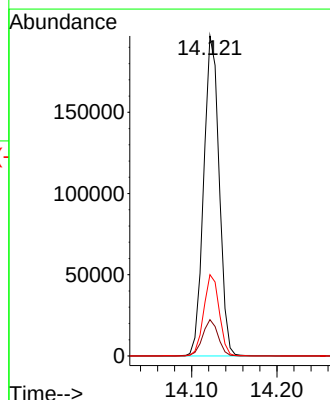
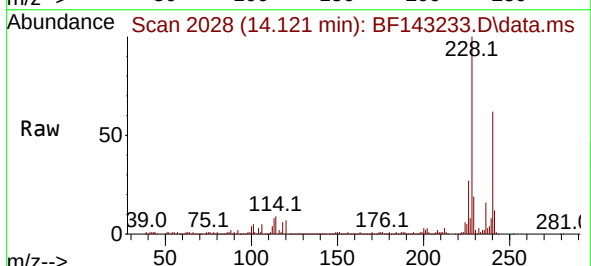
Tgt Ion:240 Resp: 248400

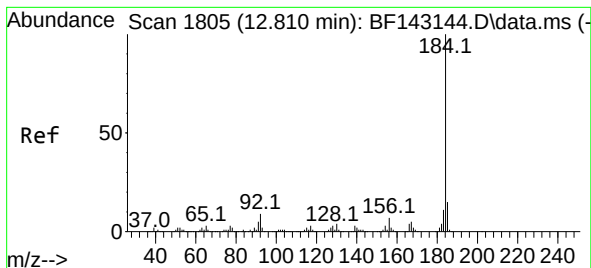
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.4 20.2 30.4





#77

Benzidine

Concen: 23.346 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

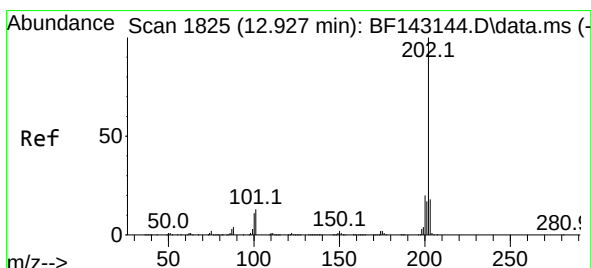
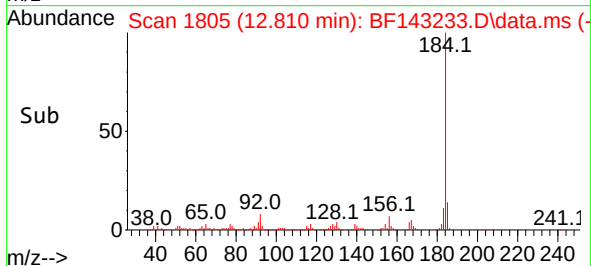
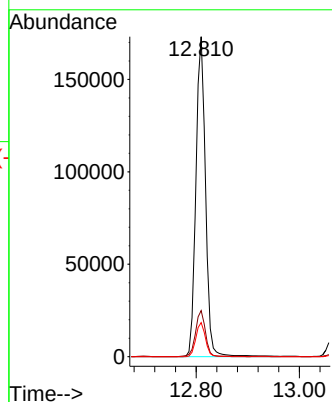
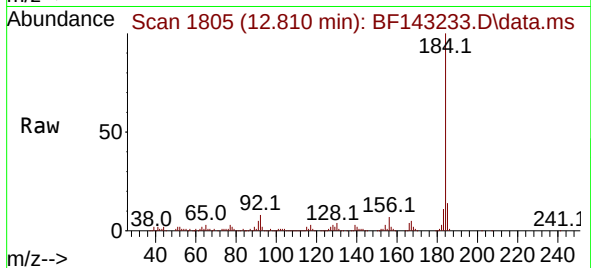
Tgt Ion:184 Resp: 223427

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

183 10.6 9.0 13.4



#78

Pyrene

Concen: 34.820 ng

RT: 12.927 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

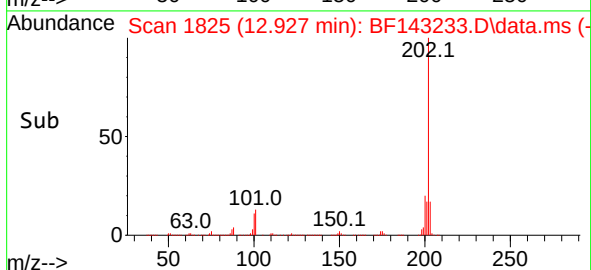
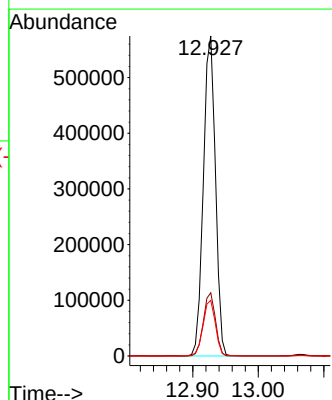
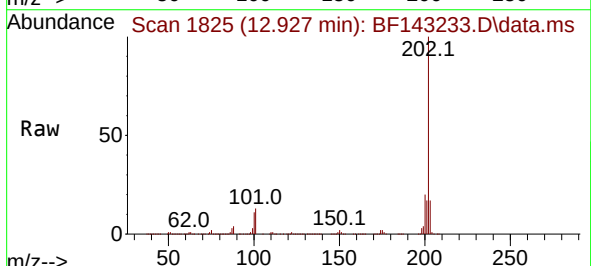
Tgt Ion:202 Resp: 738161

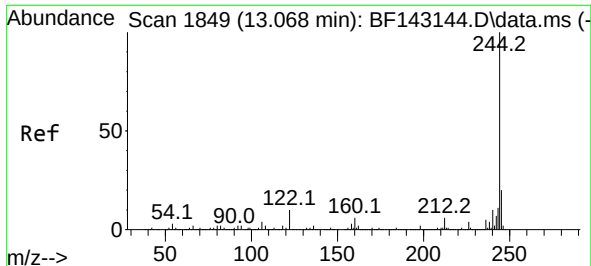
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.4 14.2 21.2



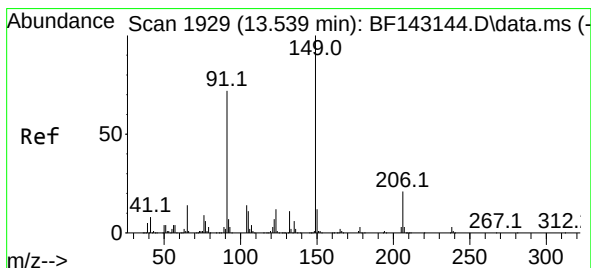
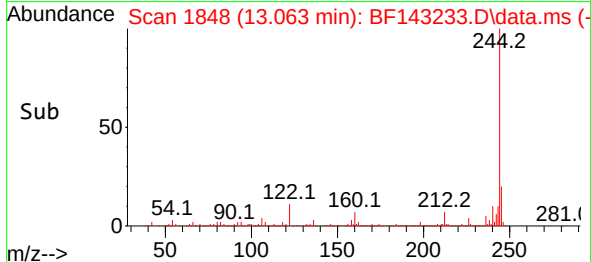
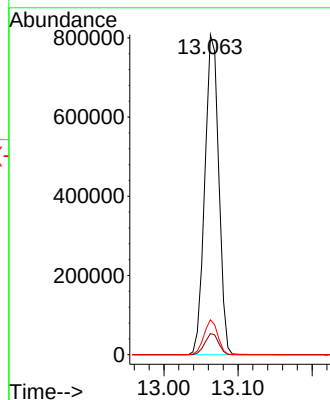
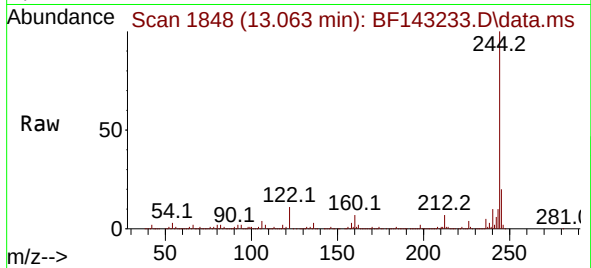


#79
 Terphenyl-d14
 Concen: 63.300 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tgt Ion:244 Resp: 1056631

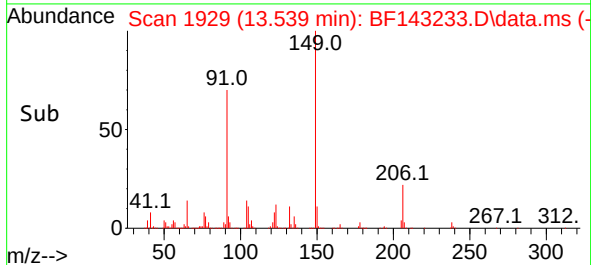
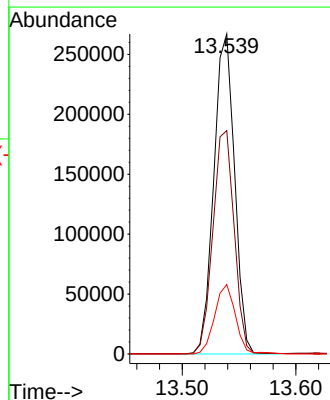
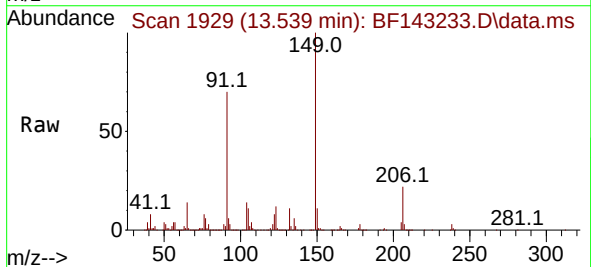
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.9	8.2	12.2

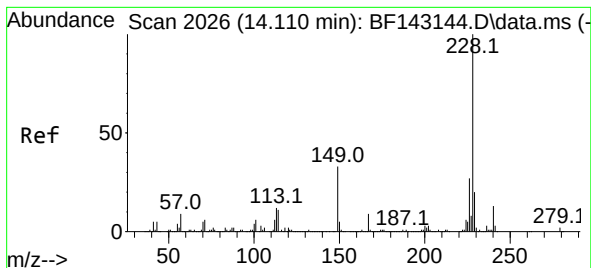


#80
 Butylbenzylphthalate
 Concen: 52.318 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143233.D
 Acq: 24 Jul 2025 14:59

Tgt Ion:149 Resp: 339630

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.9	86.9
206	21.7	17.0	25.4





#81

Benzo(a)anthracene

Concen: 47.246 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

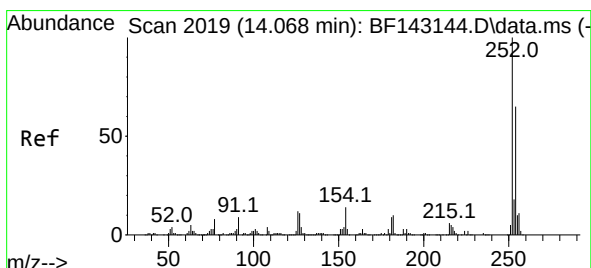
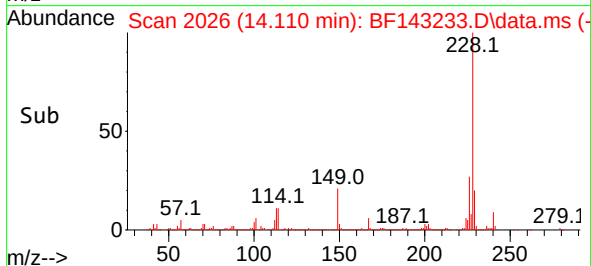
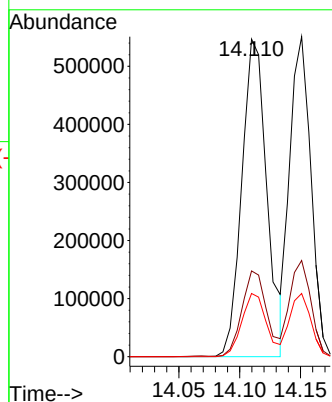
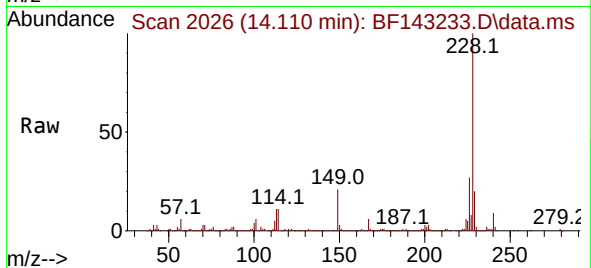
Tgt Ion:228 Resp: 785726

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 15.618 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

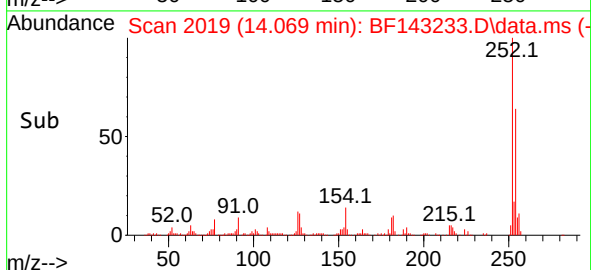
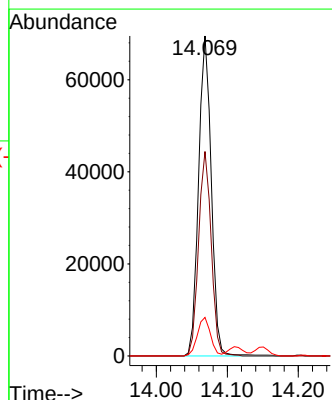
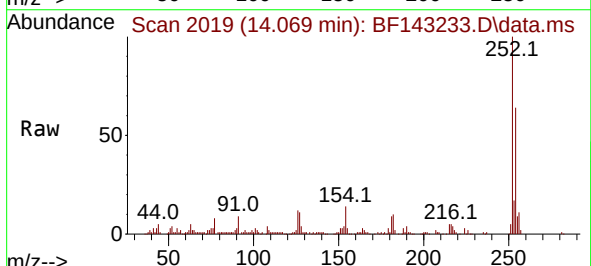
Tgt Ion:252 Resp: 86568

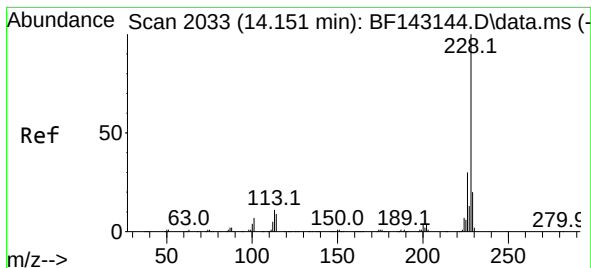
Ion Ratio Lower Upper

252 100

254 63.9 51.7 77.5

126 12.0 9.4 14.0





#83

Chrysene

Concen: 44.568 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

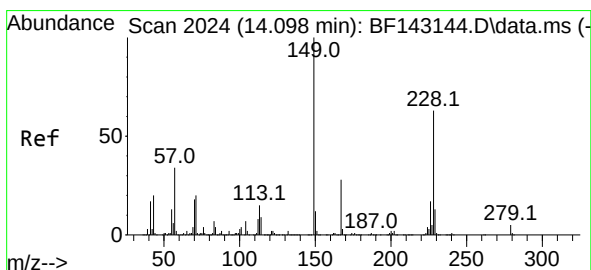
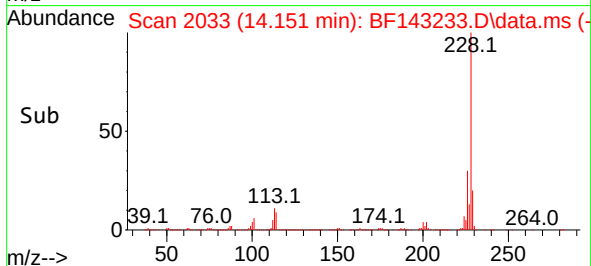
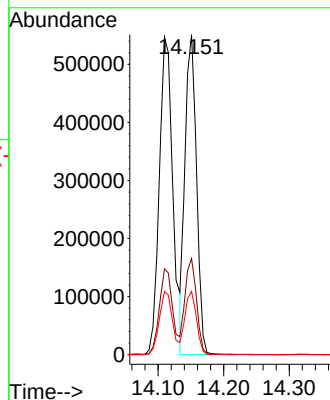
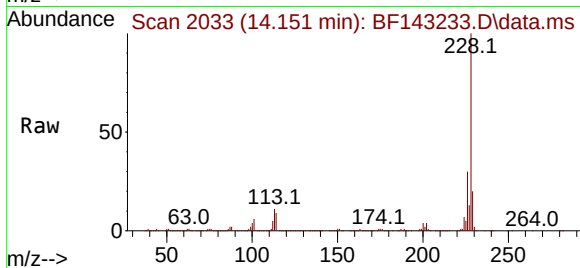
Tgt Ion:228 Resp: 666401

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.522 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

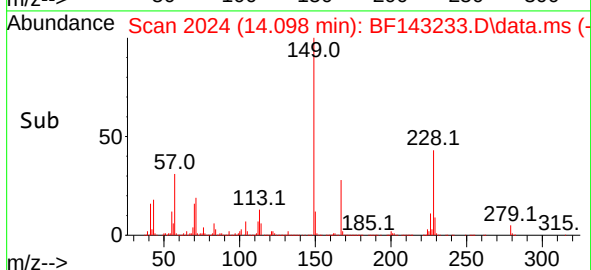
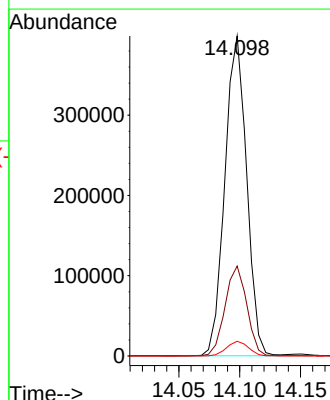
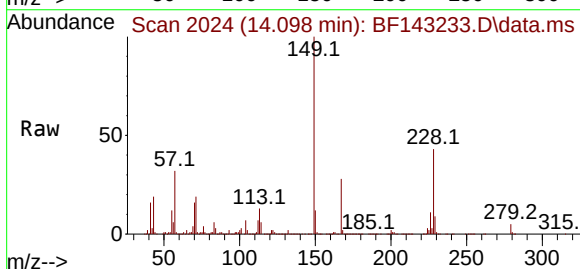
Tgt Ion:149 Resp: 496409

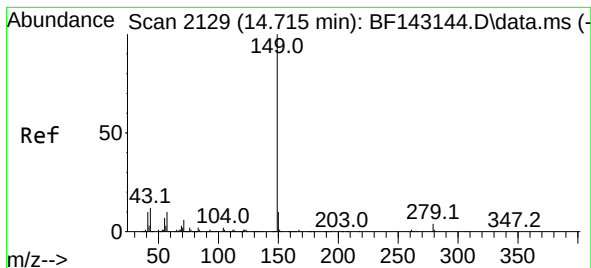
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.644 ng

RT: 14.710 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

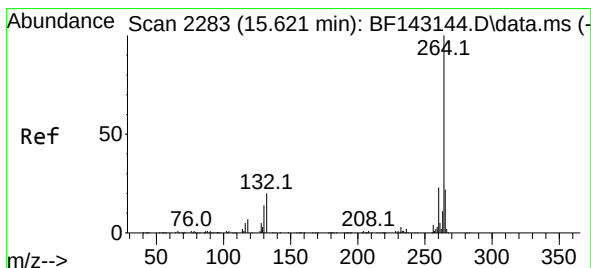
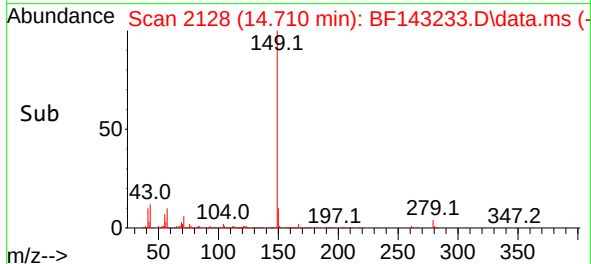
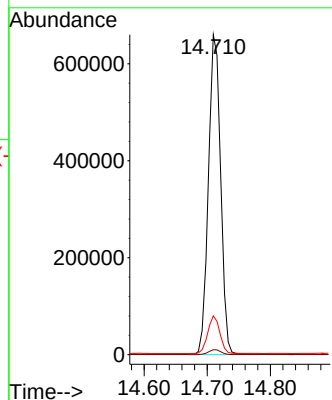
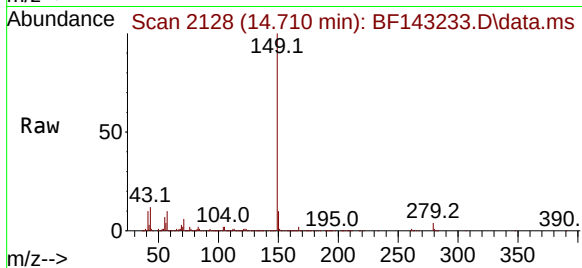
Tgt Ion:149 Resp: 884176

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

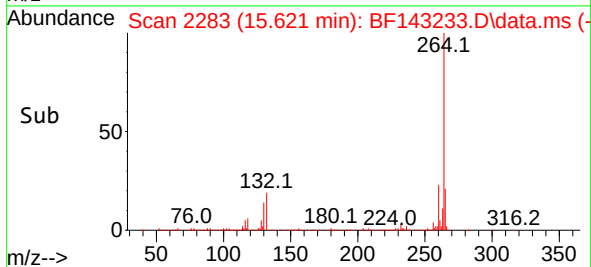
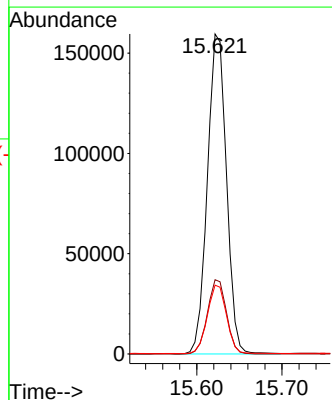
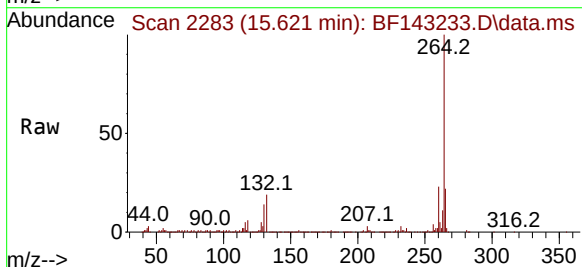
Tgt Ion:264 Resp: 248204

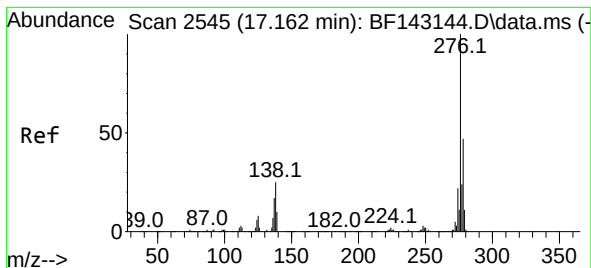
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.714 ng

RT: 17.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

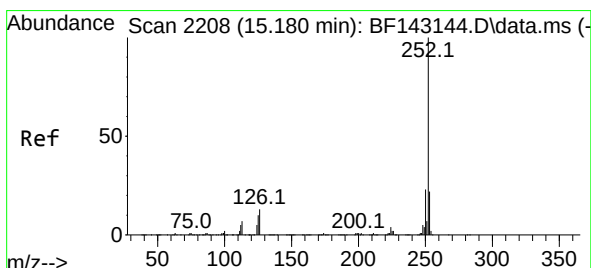
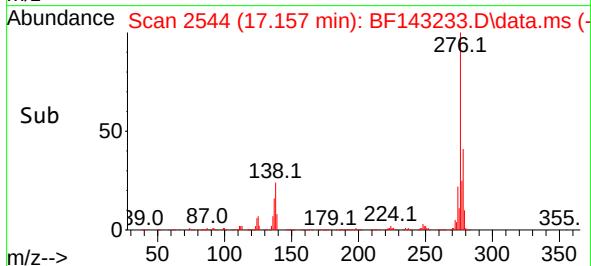
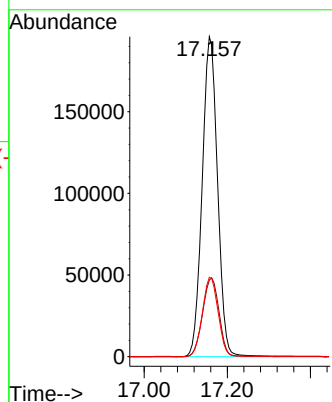
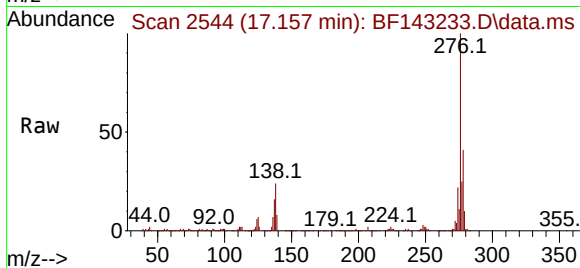
Tgt Ion:276 Resp: 502549

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.6

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 52.779 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

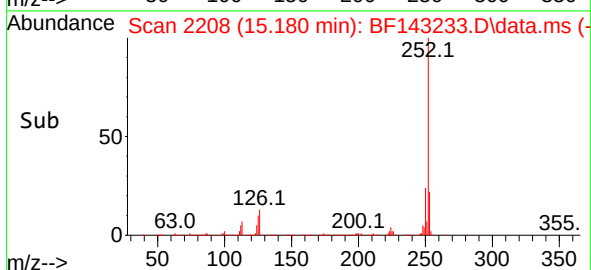
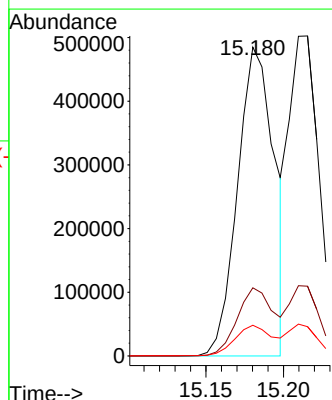
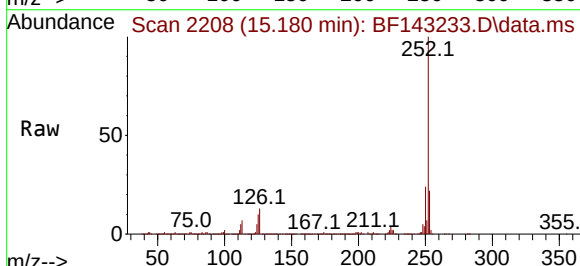
Tgt Ion:252 Resp: 800285

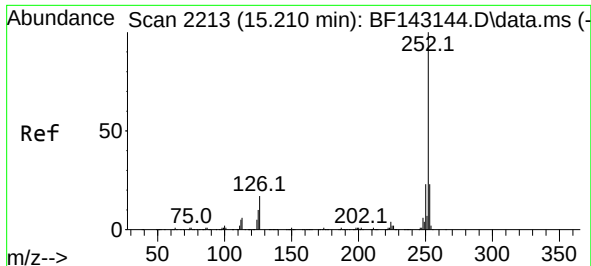
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.9 8.0 12.0

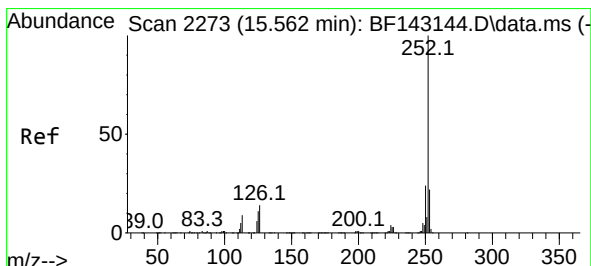
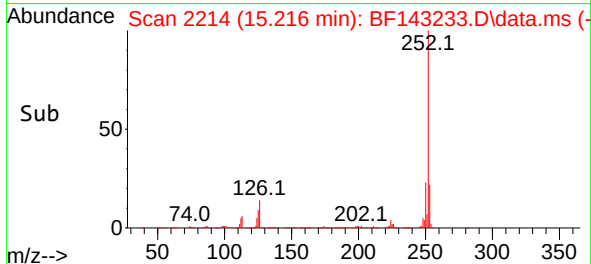
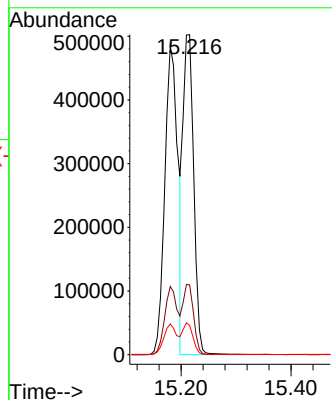
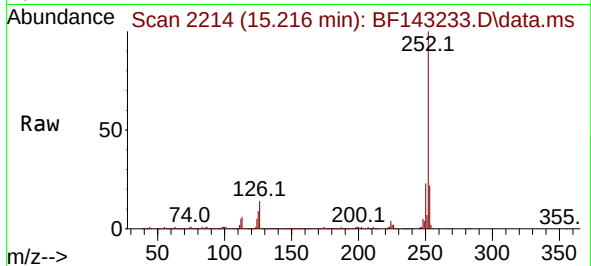




#89
Benzo(k)fluoranthene
Concen: 50.234 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

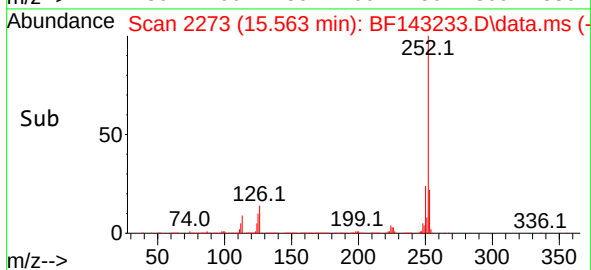
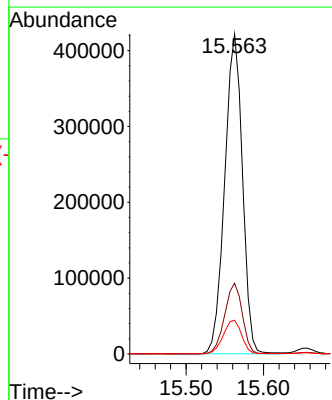
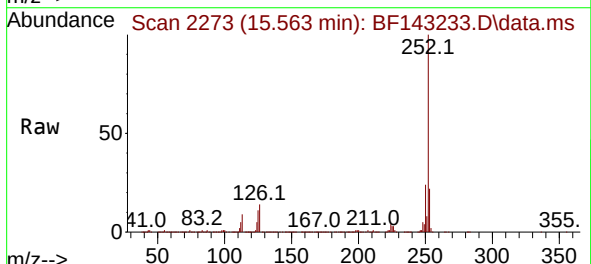
Instrument :
BNA_F
ClientSampleId :
TP-2MS

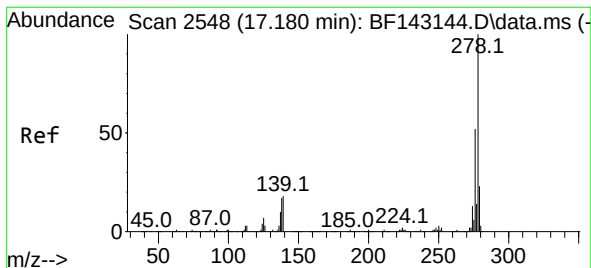
Tgt Ion:252 Resp: 679707
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 47.998 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143233.D
Acq: 24 Jul 2025 14:59

Tgt Ion:252 Resp: 670550
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 29.241 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Instrument :

BNA_F

ClientSampleId :

TP-2MS

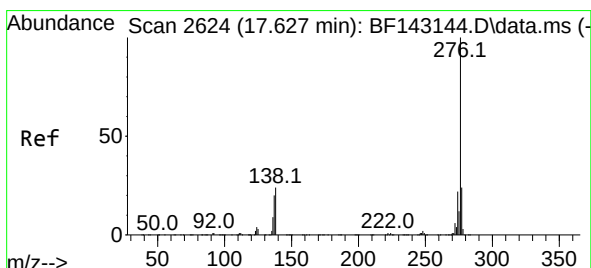
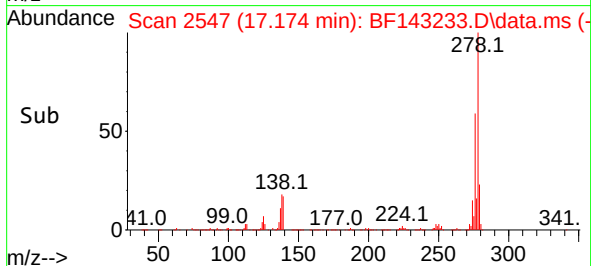
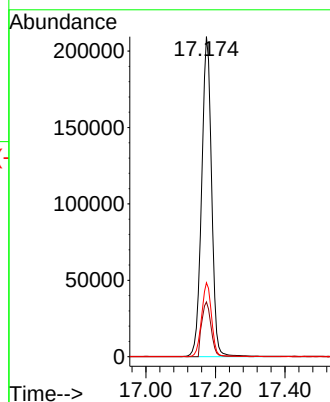
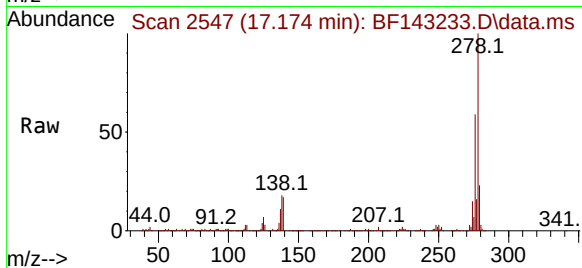
Tgt Ion:278 Resp: 416547

Ion Ratio Lower Upper

278 100

139 17.1 14.1 21.1

279 23.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 27.291 ng

RT: 17.621 min Scan# 2623

Delta R.T. -0.006 min

Lab File: BF143233.D

Acq: 24 Jul 2025 14:59

Tgt Ion:276 Resp: 376062

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 22.2 18.9 28.3

