

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143163.D
 Acq On : 18 Jul 2025 13:22
 Operator : RC/JU
 Sample : PB168904BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168904BSD

Quant Time: Jul 18 13:45:00 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	134233	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	524933	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	272308	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	443930	20.000	ng	0.00
76) Chrysene-d12	14.122	240	252328	20.000	ng	0.00
86) Perylene-d12	15.621	264	280075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	689324	81.264	ng	0.00
7) Phenol-d6	6.581	99	877854	82.220	ng	0.00
23) Nitrobenzene-d5	7.516	82	849641	80.681	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	234514	83.365	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1490518	74.859	ng	0.00
79) Terphenyl-d14	13.063	244	1322859	78.016	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	148250	36.936	ng	100
3) Pyridine	3.652	79	404777	38.854	ng	98
4) n-Nitrosodimethylamine	3.593	42	232460	43.218	ng	98
6) Aniline	6.622	93	509293	34.226	ng	99
8) 2-Chlorophenol	6.746	128	391235	44.001	ng	98
9) Benzaldehyde	6.510	77	279137	34.866	ng	97
10) Phenol	6.593	94	507550m	43.636	ng	
11) bis(2-Chloroethyl)ether	6.693	93	390023	43.795	ng	98
12) 1,3-Dichlorobenzene	6.904	146	405894	42.023	ng	99
13) 1,4-Dichlorobenzene	6.981	146	412718	42.430	ng	99
14) 1,2-Dichlorobenzene	7.134	146	399171	43.146	ng	99
15) Benzyl Alcohol	7.098	79	358599	43.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	724154	43.834	ng	100
17) 2-Methylphenol	7.204	107	329392	44.059	ng	98
18) Hexachloroethane	7.481	117	148035	43.962	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	295904	43.198	ng	99
20) 3+4-Methylphenols	7.357	107	408476	45.033	ng	# 88
22) Acetophenone	7.363	105	535066	43.054	ng	97
24) Nitrobenzene	7.540	77	436819	44.491	ng	100
25) Isophorone	7.775	82	817053	43.950	ng	100
26) 2-Nitrophenol	7.857	139	203332	47.719	ng	99
27) 2,4-Dimethylphenol	7.887	122	385257	44.356	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	488053	43.786	ng	99
29) 2,4-Dichlorophenol	8.092	162	323576	44.175	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	336097	42.472	ng	99
31) Naphthalene	8.263	128	1127603m	43.617	ng	
32) Benzoic acid	7.993	122	227846m	46.723	ng	
33) 4-Chloroaniline	8.304	127	205458	19.464	ng	99
34) Hexachlorobutadiene	8.387	225	210749	43.596	ng	100
35) Caprolactam	8.669	113	106998m	48.340	ng	
36) 4-Chloro-3-methylphenol	8.781	107	358475	45.026	ng	100
37) 2-Methylnaphthalene	8.957	142	682326	43.373	ng	100
38) 1-Methylnaphthalene	9.057	142	711574	43.926	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	331686	42.189	ng	99
41) Hexachlorocyclopentadiene	9.116	237	447550	87.490	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	234546	43.107	ng	99

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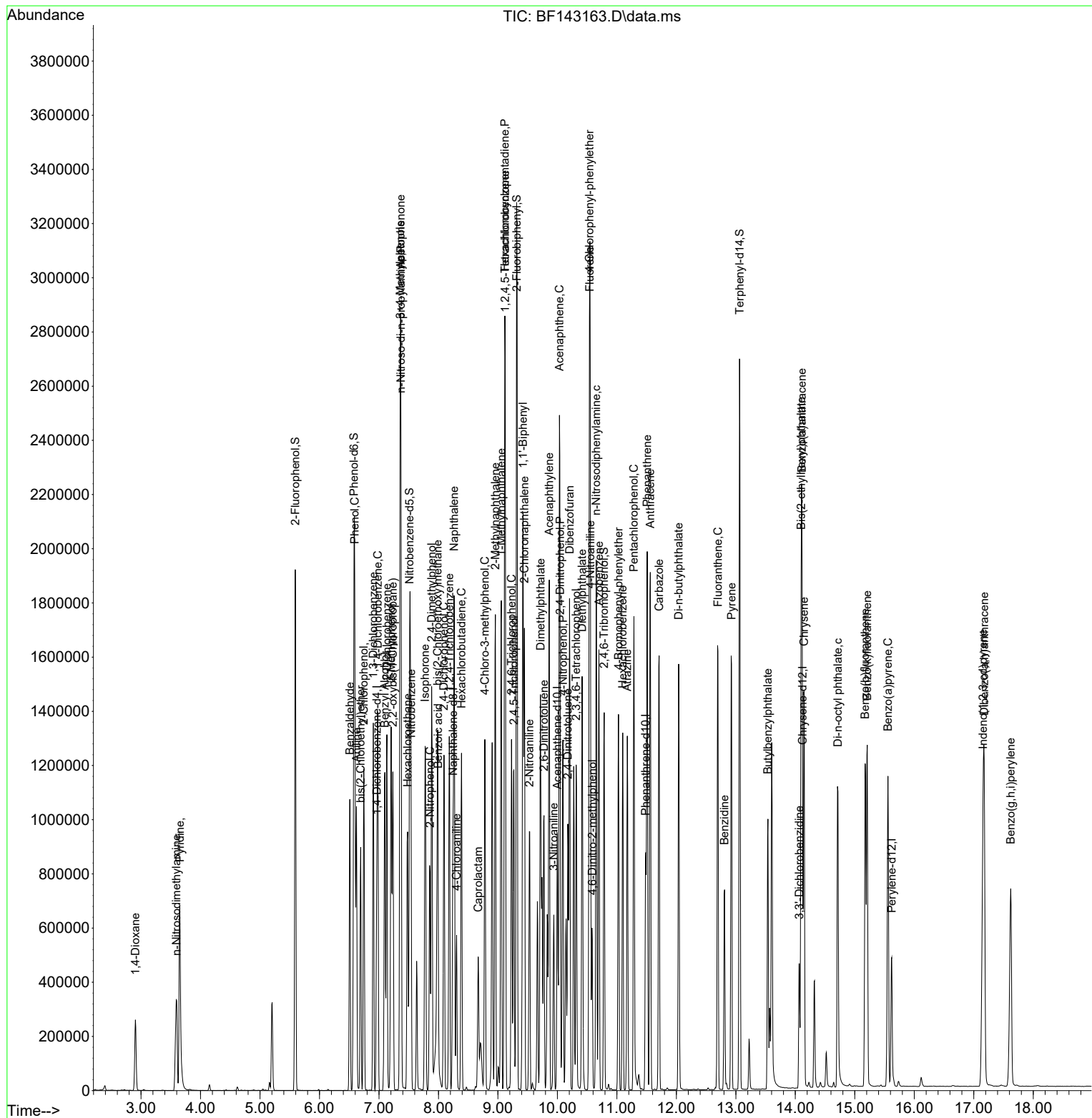
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	250713	46.064	ng	99
46) 1,1'-Biphenyl	9.422	154	926298	43.600	ng	100
47) 2-Chloronaphthalene	9.445	162	673620	42.851	ng	100
48) 2-Nitroaniline	9.528	65	233503	47.366	ng	97
49) Acenaphthylene	9.863	152	1146165	43.507	ng	100
50) Dimethylphthalate	9.716	163	798798	45.003	ng	99
51) 2,6-Dinitrotoluene	9.775	165	175169	48.512	ng	99
52) Acenaphthene	10.034	154	731488	46.978	ng	98
53) 3-Nitroaniline	9.939	138	125947	29.821	ng	99
54) 2,4-Dinitrophenol	10.045	184	155426	93.727	ng	# 2
55) Dibenzofuran	10.204	168	1001067	43.303	ng	99
56) 4-Nitrophenol	10.092	139	292549	92.760	ng	98
57) 2,4-Dinitrotoluene	10.175	165	229791	50.725	ng	99
58) Fluorene	10.545	166	747135	43.062	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	211171	46.838	ng	99
60) Diethylphthalate	10.416	149	799680	45.581	ng	100
61) 4-Chlorophenyl-phenylether	10.539	204	377435	43.688	ng	99
62) 4-Nitroaniline	10.557	138	164448	45.431	ng	99
63) Azobenzene	10.698	77	823357	45.030	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	102823	44.613	ng	97
66) n-Nitrosodiphenylamine	10.651	169	682448	43.657	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	231921	43.838	ng	100
68) Hexachlorobenzene	11.098	284	246065	44.499	ng	99
69) Atrazine	11.175	200	202166	46.910	ng	99
70) Pentachlorophenol	11.286	266	291731	89.711	ng	99
71) Phenanthrene	11.510	178	1035532	43.932	ng	100
72) Anthracene	11.563	178	1037171	43.143	ng	99
73) Carbazole	11.710	167	926315	44.128	ng	100
74) Di-n-butylphthalate	12.039	149	1092806	46.009	ng	100
75) Fluoranthene	12.698	202	973043	44.975	ng	100
77) Benzidine	12.810	184	403621	41.518	ng	99
78) Pyrene	12.927	202	946188	43.938	ng	100
80) Butylbenzylphthalate	13.539	149	312264	47.354	ng	100
81) Benzo(a)anthracene	14.110	228	749253	44.352	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	140515	24.957	ng	99
83) Chrysene	14.145	228	699428	46.049	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	469258	47.015	ng	100
85) Di-n-octyl phthalate	14.716	149	827899	45.761	ng	100
87) Indeno(1,2,3-cd)pyrene	17.157	276	877169	44.416	ng	100
88) Benzo(b)fluoranthene	15.174	252	774966	45.293	ng	99
89) Benzo(k)fluoranthene	15.210	252	707707	46.352	ng	99
90) Benzo(a)pyrene	15.557	252	716468	45.449	ng	99
91) Dibenzo(a,h)anthracene	17.174	278	715895	44.536	ng	100
92) Benzo(g,h,i)perylene	17.621	276	692338	44.525	ng	99

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

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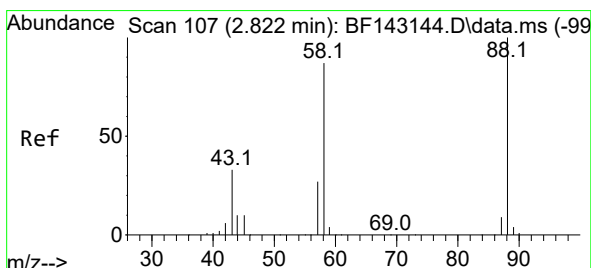
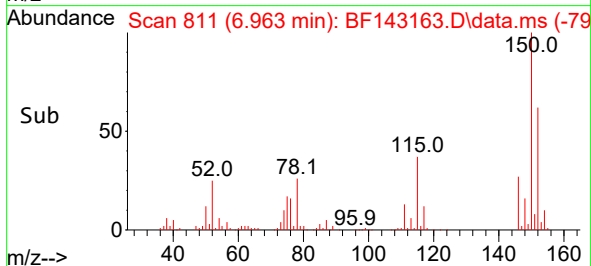
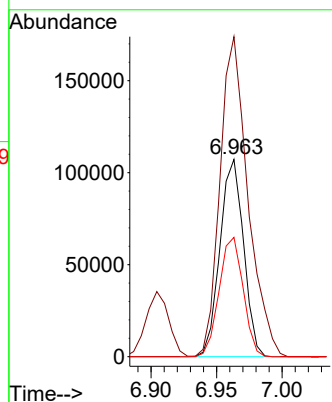
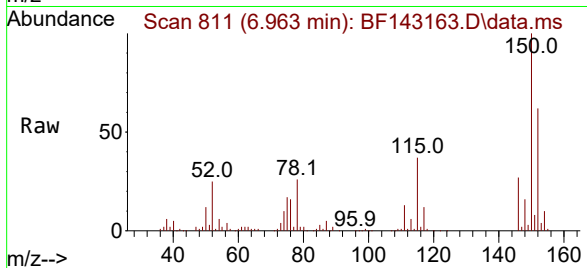




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143163.D
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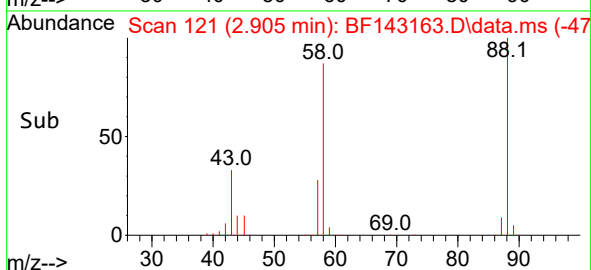
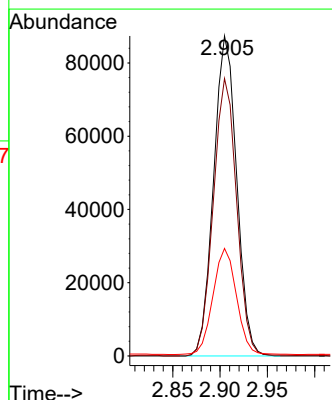
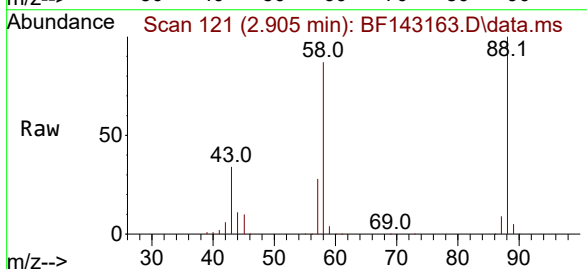
Instrument :
BNA_F
ClientSampleId :
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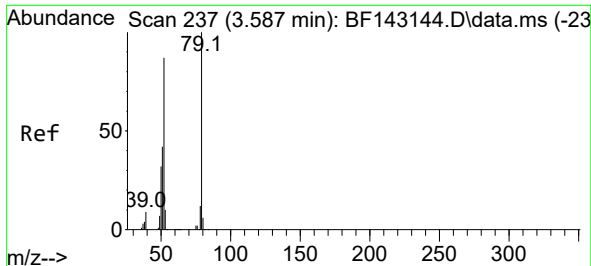
Tgt Ion:152 Resp: 134233
Ion Ratio Lower Upper
152 100
150 162.1 128.2 192.4
115 60.5 47.9 71.9



#2
1,4-Dioxane
Concen: 36.936 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.083 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion: 88 Resp: 148250
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.2
43 33.7 27.1 40.7

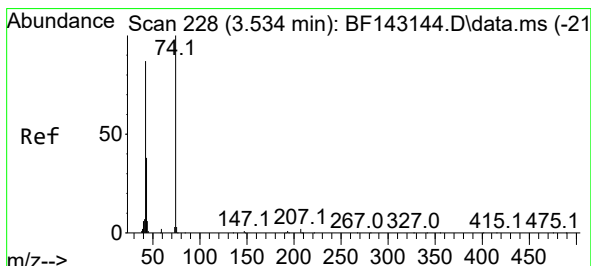
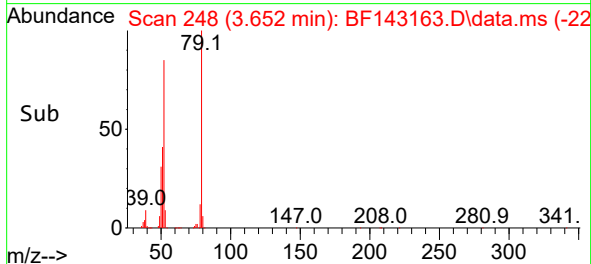
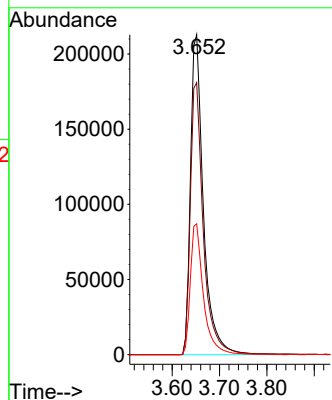
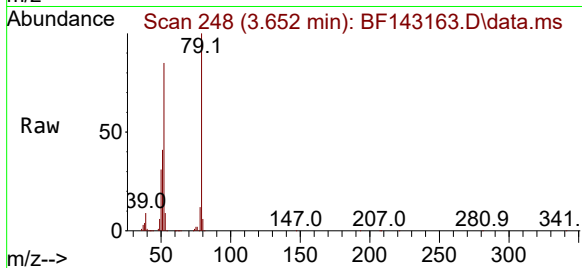




#3
Pyridine
Concen: 38.854 ng
RT: 3.652 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

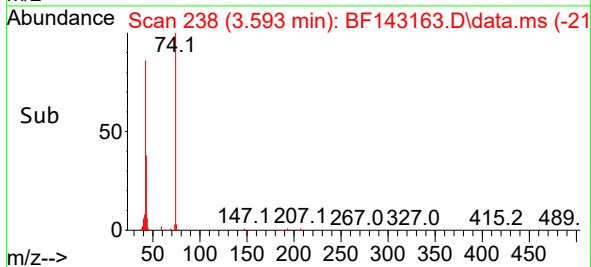
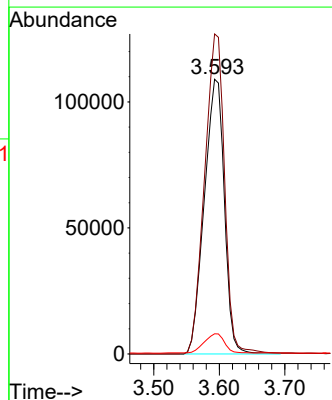
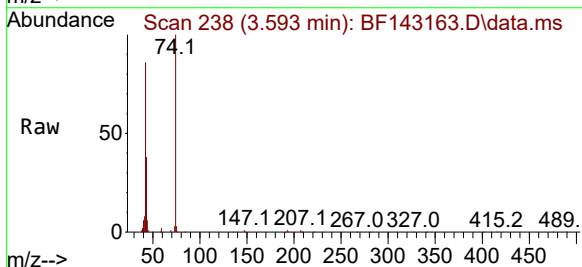
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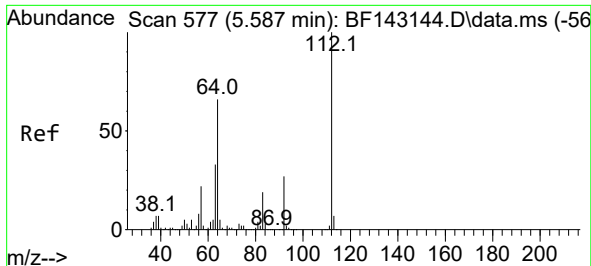
Tgt Ion: 79 Resp: 404777
Ion Ratio Lower Upper
79 100
52 85.0 69.4 104.2
51 40.9 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 43.218 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion: 42 Resp: 232460
Ion Ratio Lower Upper
42 100
74 116.5 91.7 137.5
44 7.4 5.6 8.4

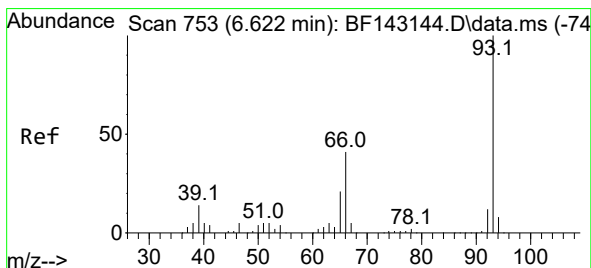
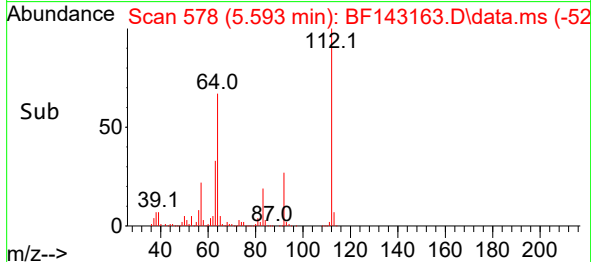
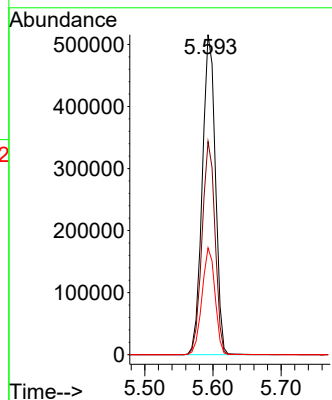
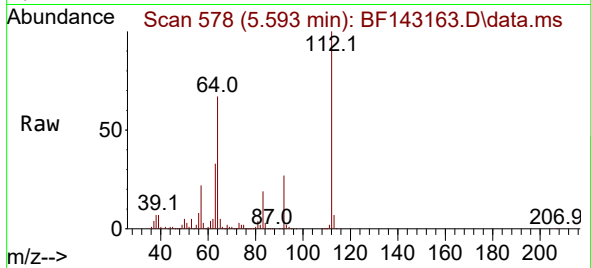




#5
2-Fluorophenol
Concen: 81.264 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

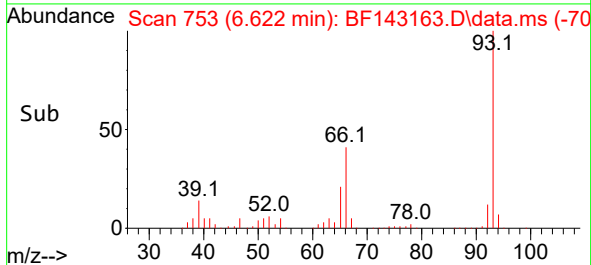
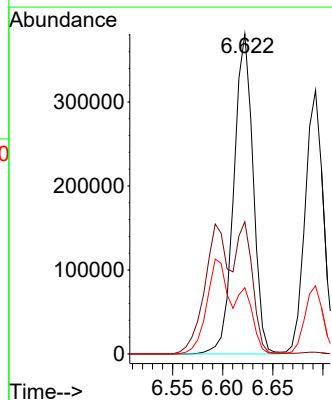
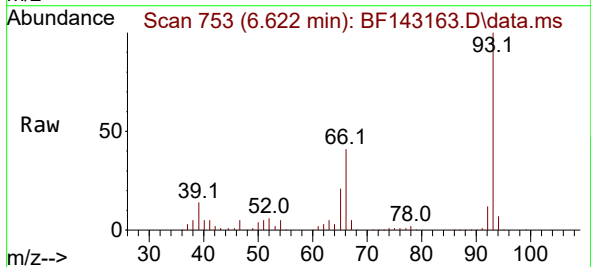
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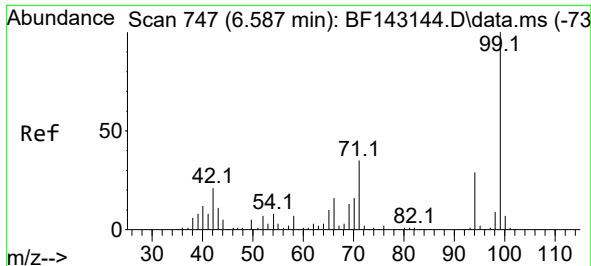
Tgt Ion:112 Resp: 689324
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.4 26.6 40.0



#6
Aniline
Concen: 34.226 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion: 93 Resp: 509293
Ion Ratio Lower Upper
93 100
66 41.3 33.2 49.8
65 20.7 16.9 25.3

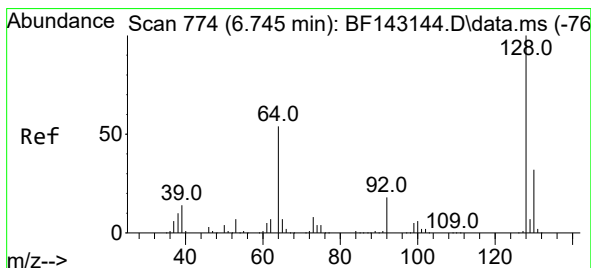
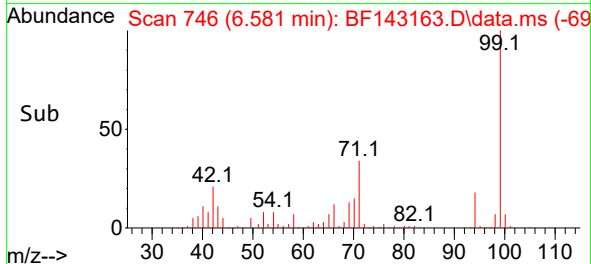
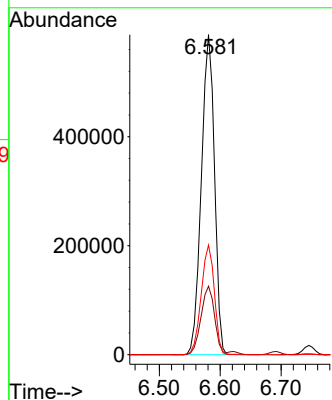
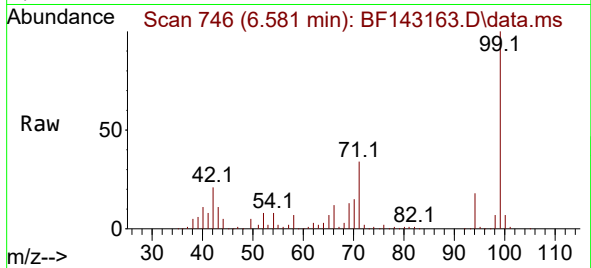




#7
Phenol-d6
Concen: 82.220 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

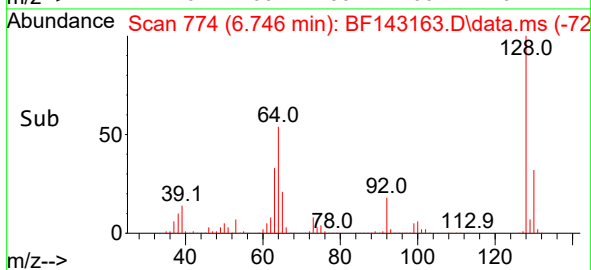
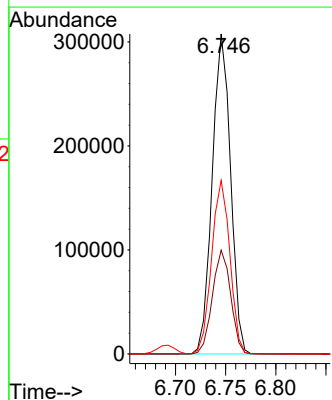
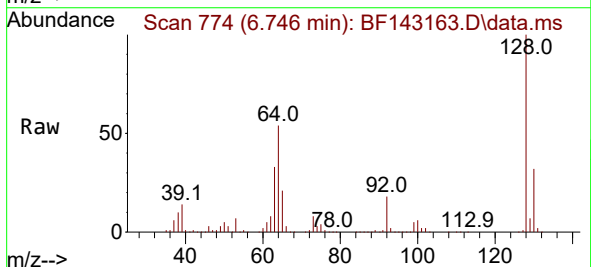
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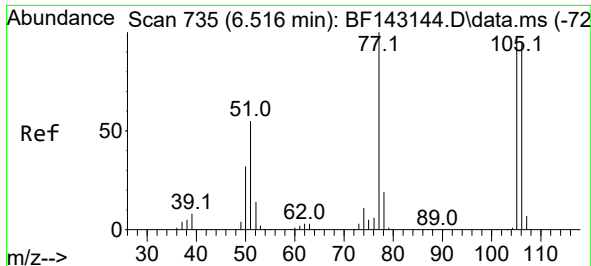
Tgt Ion: 99 Resp: 877854
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 34.2 27.7 41.5



#8
2-Chlorophenol
Concen: 44.001 ng
RT: 6.746 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:128 Resp: 391235
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 54.2 35.9 75.9

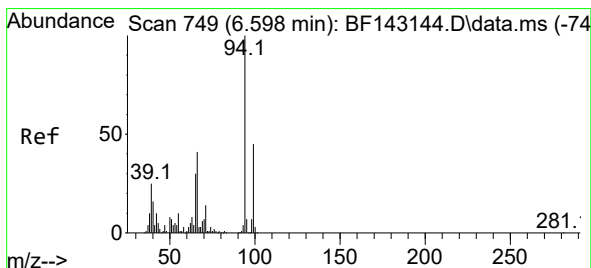
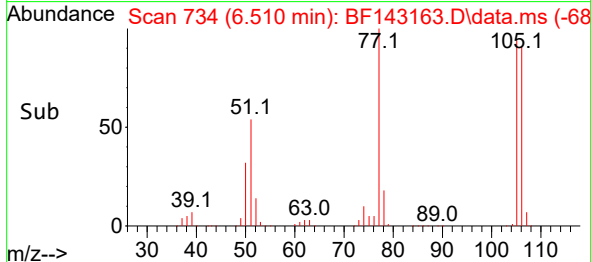
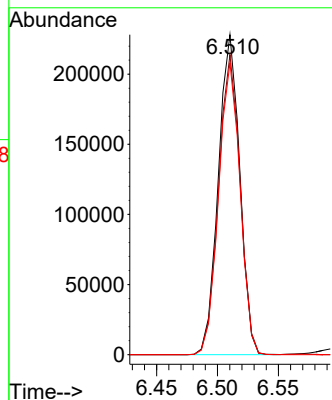
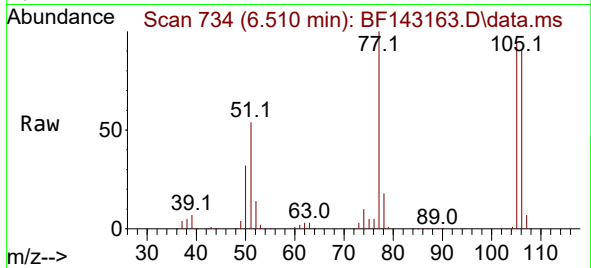




#9
Benzaldehyde
Concen: 34.866 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
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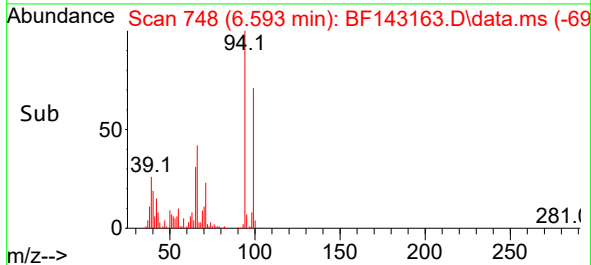
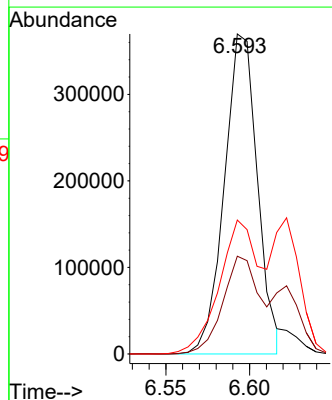
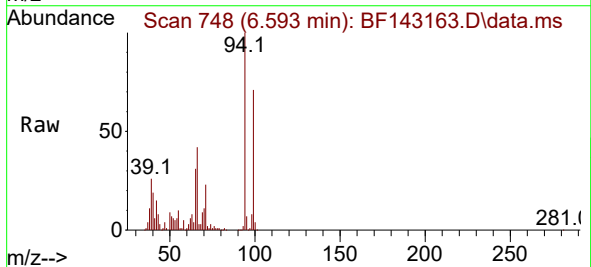
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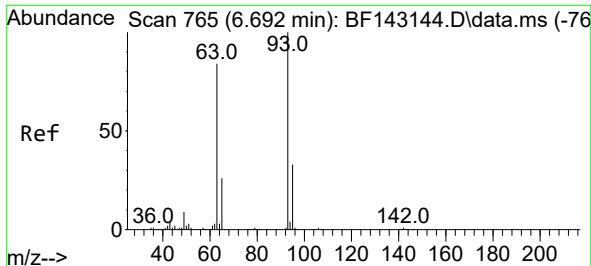
Tgt Ion: 77 Resp: 279137
Ion Ratio Lower Upper
77 100
105 93.8 76.8 116.8
106 91.2 74.4 114.4



#10
Phenol
Concen: 43.636 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143163.D
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Tgt Ion: 94 Resp: 507550
Ion Ratio Lower Upper
94 100
65 30.5 10.0 50.0
66 41.8 20.8 60.8

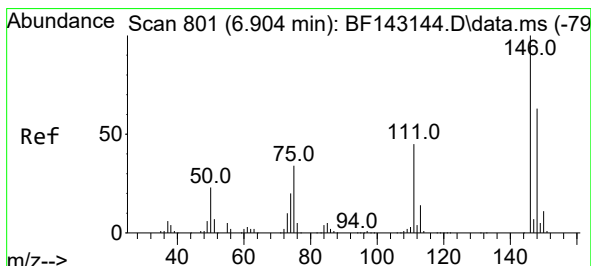
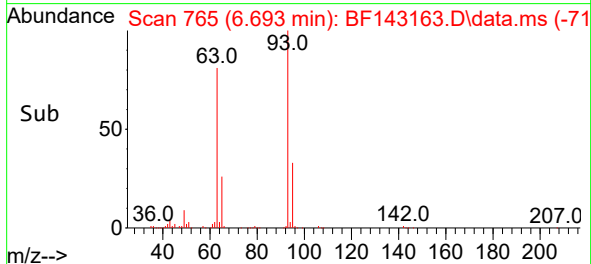
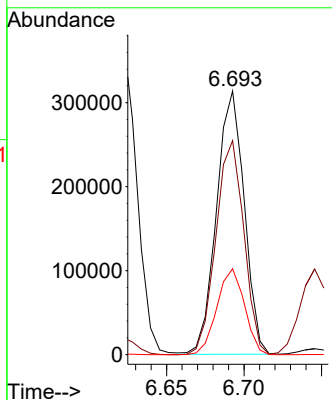
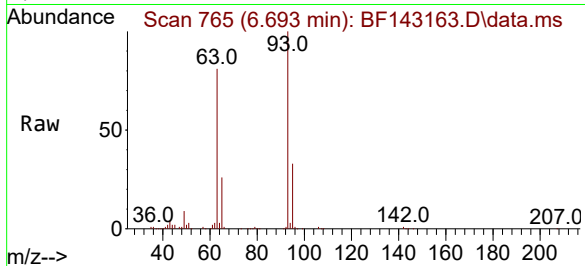




#11
bis(2-Chloroethyl)ether
Concen: 43.795 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

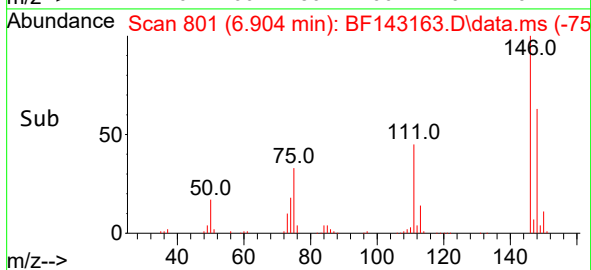
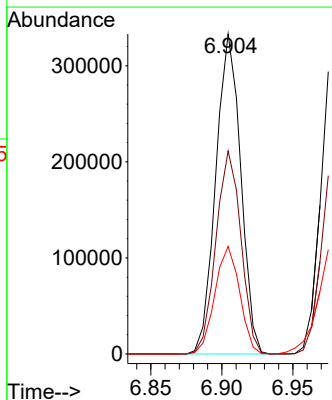
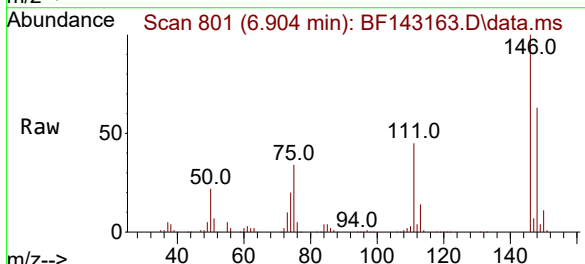
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

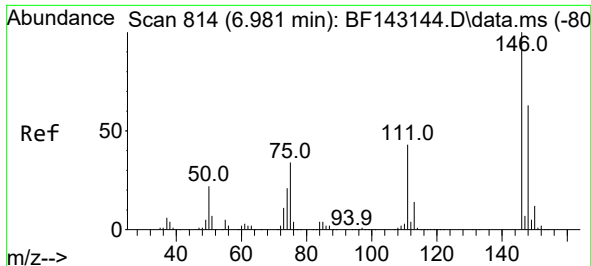
Tgt Ion: 93 Resp: 390023
Ion Ratio Lower Upper
93 100
63 81.2 63.4 103.4
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.023 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:146 Resp: 405894
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 33.6 27.4 41.2

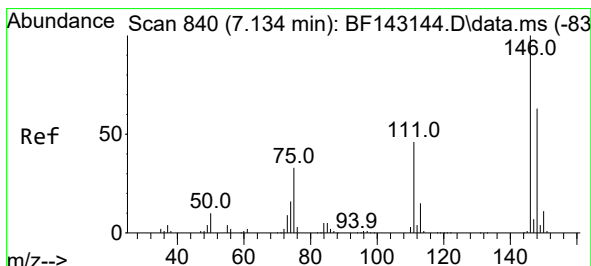
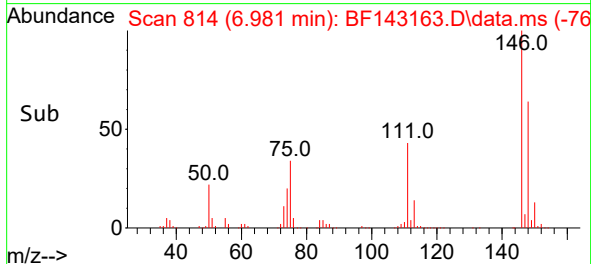
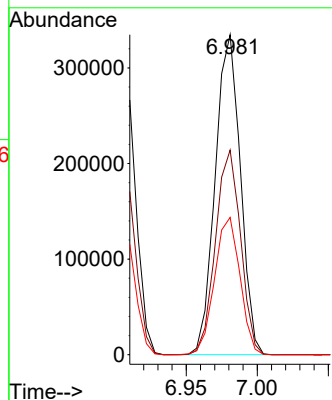
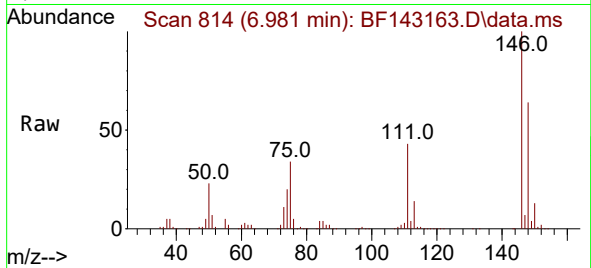




#13
1,4-Dichlorobenzene
Concen: 42.430 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

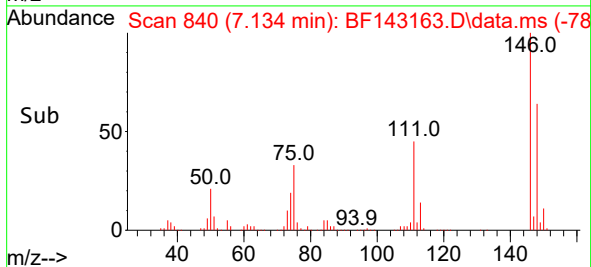
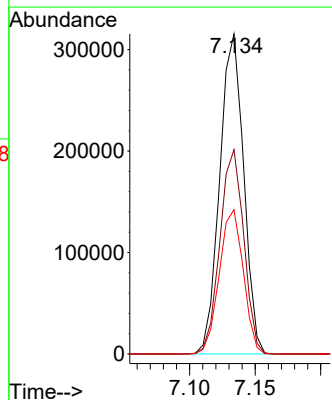
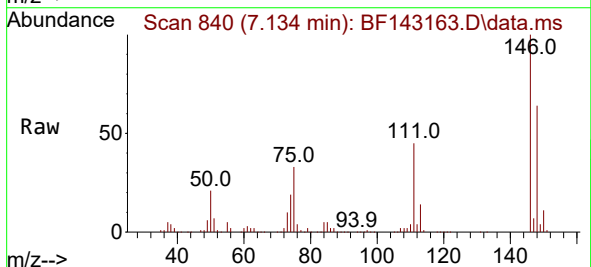
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

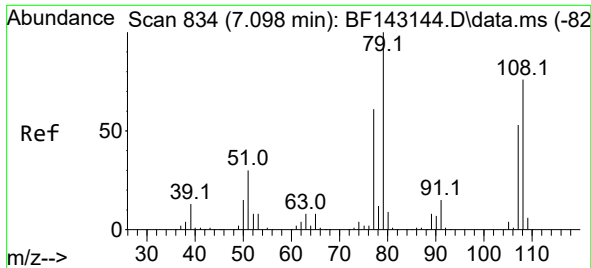
Tgt Ion:146 Resp: 412718
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 42.9 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 43.146 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:146 Resp: 399171
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 45.1 36.6 54.8

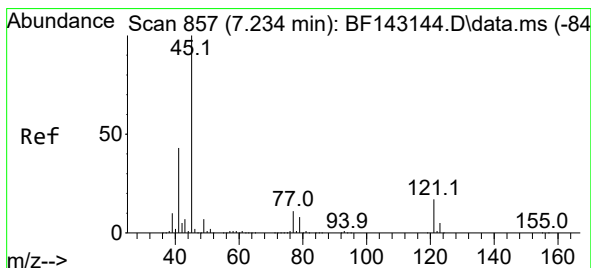
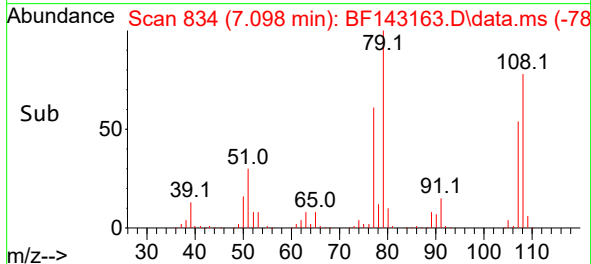
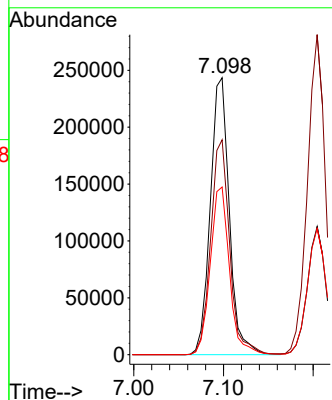
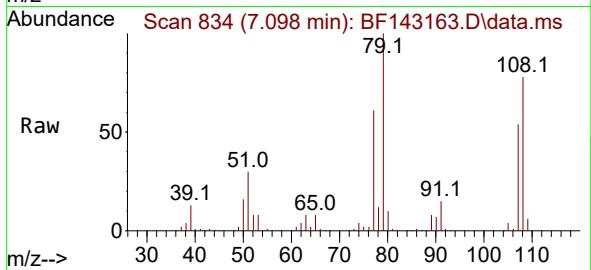




#15
Benzyl Alcohol
Concen: 43.987 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

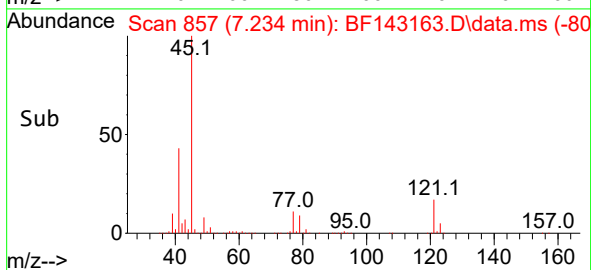
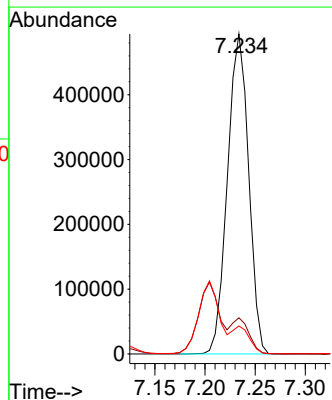
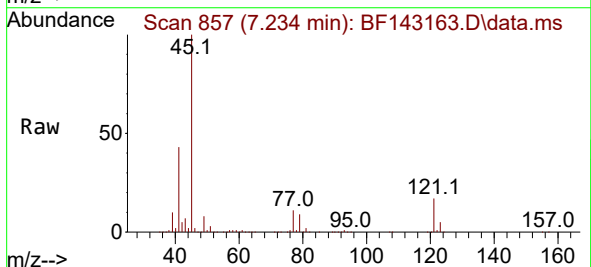
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

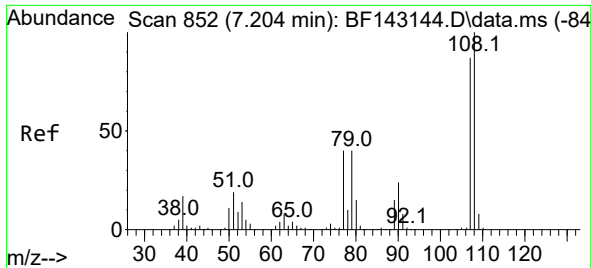
Tgt Ion: 79 Resp: 358599
Ion Ratio Lower Upper
79 100
108 77.6 61.1 91.7
77 60.5 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.834 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion: 45 Resp: 724154
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 8.8 0.0 28.5

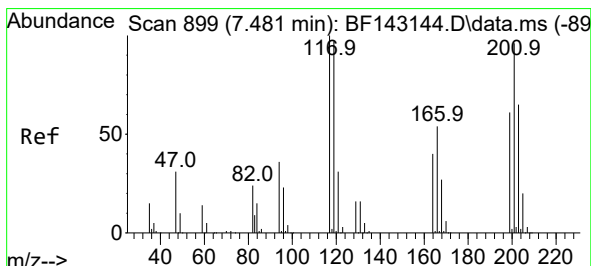
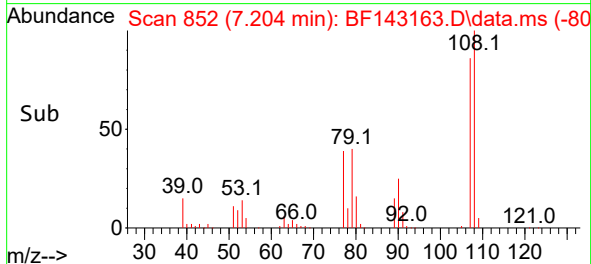
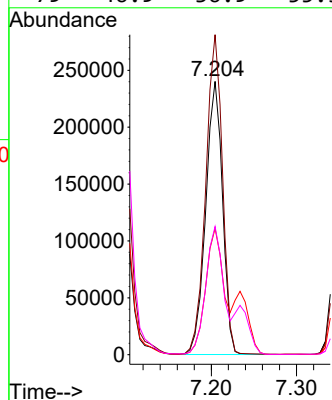
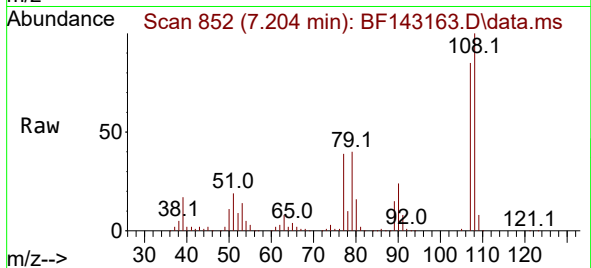




#17
2-Methylphenol
Concen: 44.059 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

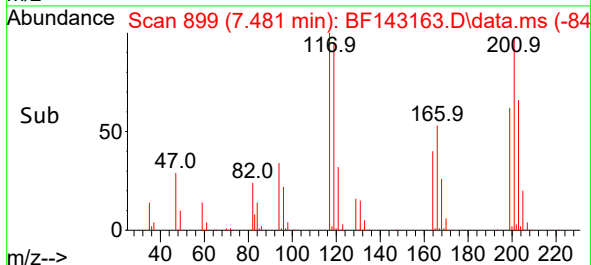
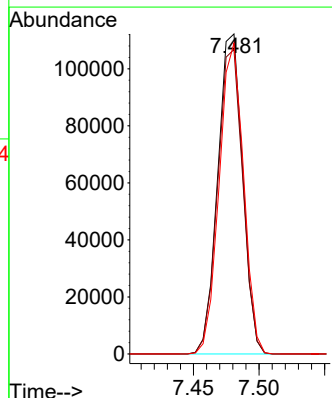
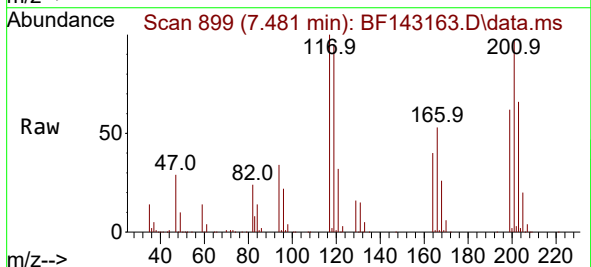
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

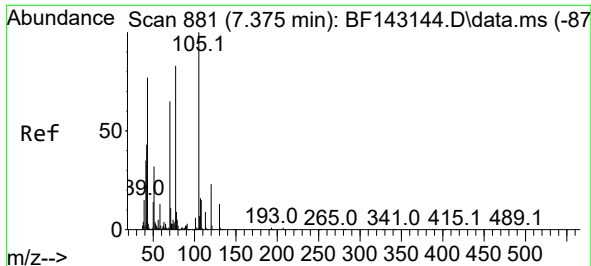
Tgt Ion:	107	Resp:	329392
Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.8	137.6
77	46.2	37.0	55.6
79	46.9	36.9	55.3



#18
Hexachloroethane
Concen: 43.962 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:	117	Resp:	148035
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.8	116.8
201	97.1	77.0	115.4

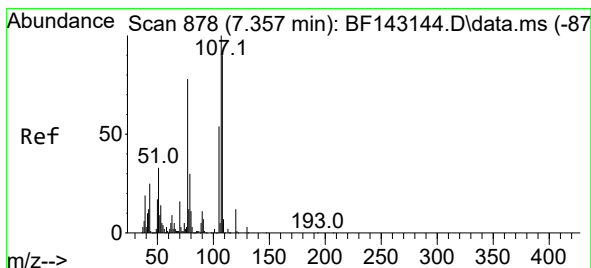
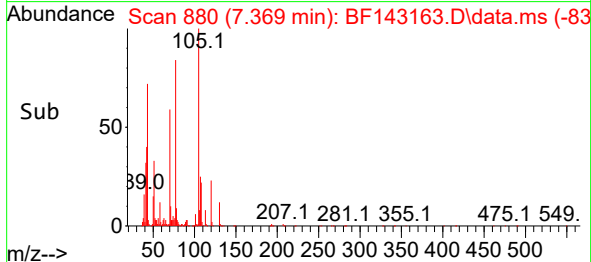
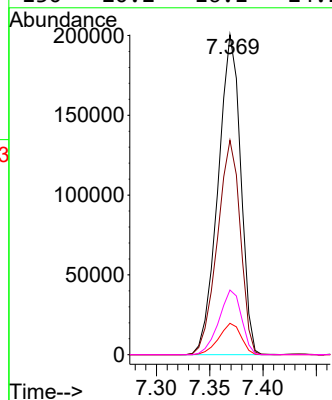
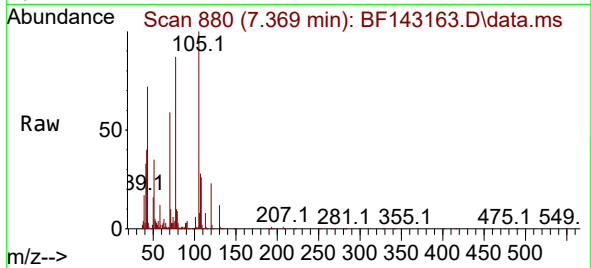




#19
n-Nitroso-di-n-propylamine
Concen: 43.198 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

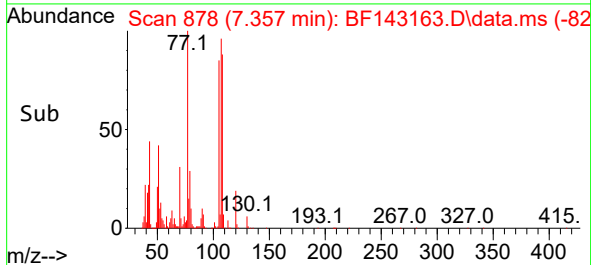
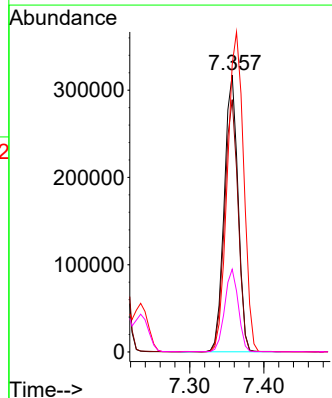
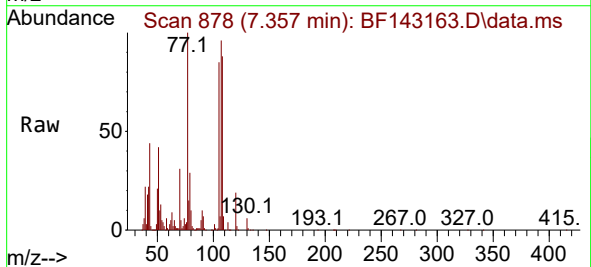
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

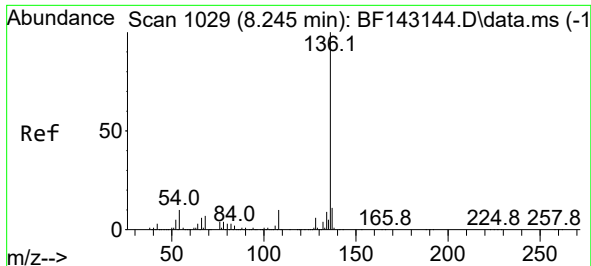
Tgt Ion: 70 Resp: 295904
Ion Ratio Lower Upper
70 100
42 67.0 52.5 78.7
101 9.8 7.6 11.4
130 20.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 45.033 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion: 107 Resp: 408476
Ion Ratio Lower Upper
107 100
108 91.1 70.0 110.0
77 103.7 57.8 97.8#
79 29.9 9.5 49.5



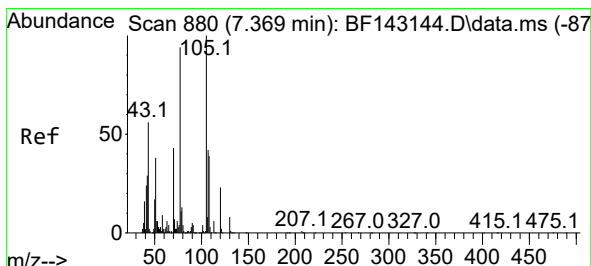
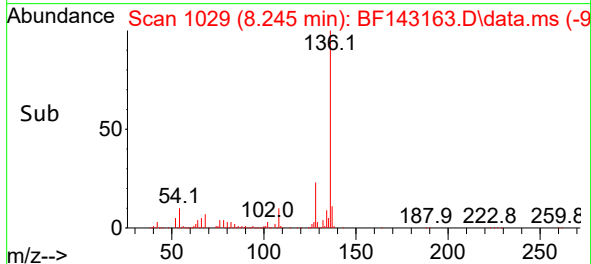
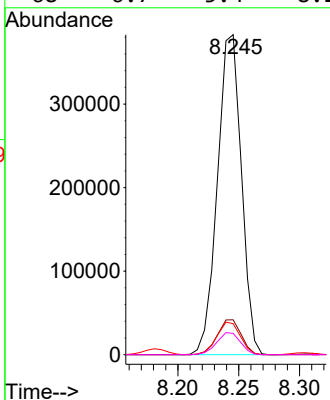
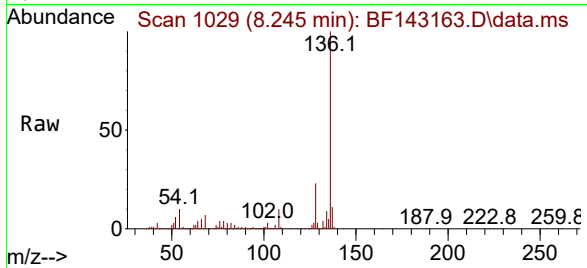


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Tgt Ion:136 Resp: 524933

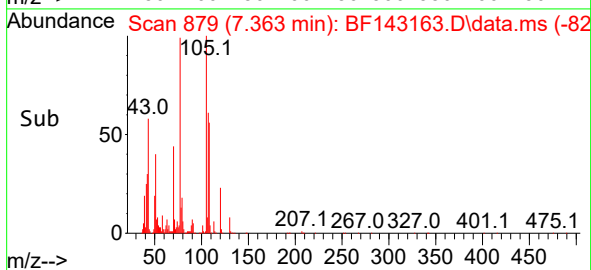
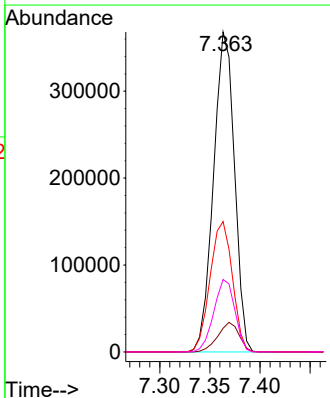
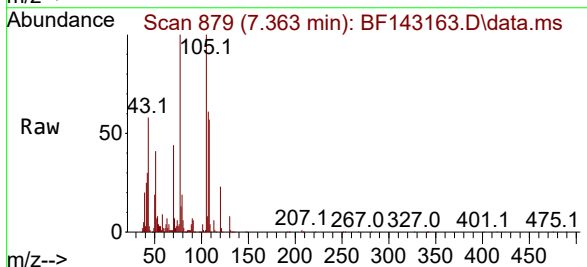
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	8.2	12.2
68	6.7	5.4	8.2

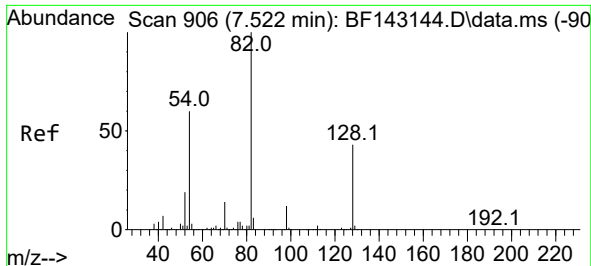


#22
Acetophenone
Concen: 43.054 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:105 Resp: 535066

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.6
51	40.7	30.2	45.2
120	22.6	18.2	27.4





#23

Nitrobenzene-d5

Concen: 80.681 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

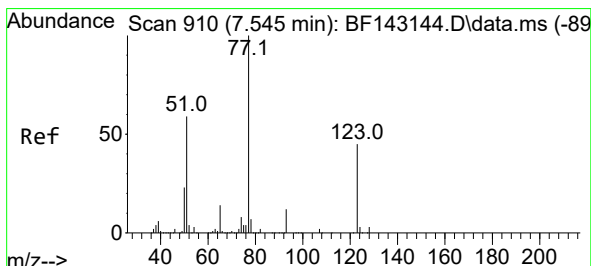
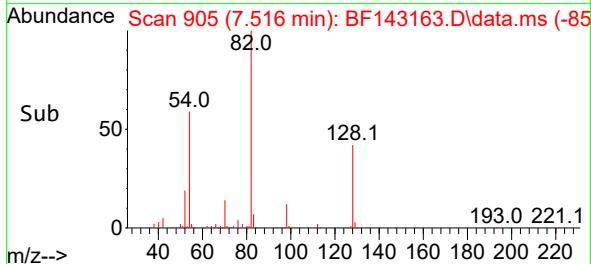
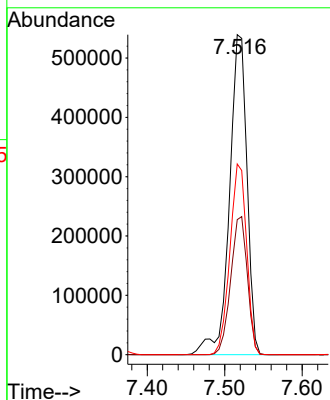
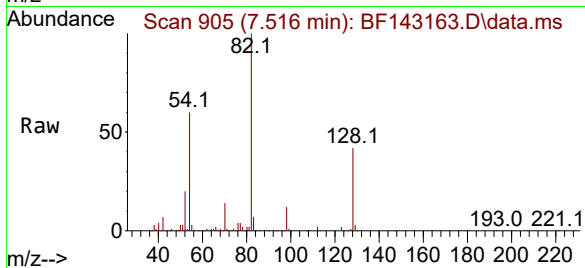
Tgt Ion: 82 Resp: 849641

Ion Ratio Lower Upper

82 100

128 42.2 33.6 50.4

54 59.6 47.1 70.7



#24

Nitrobenzene

Concen: 44.491 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

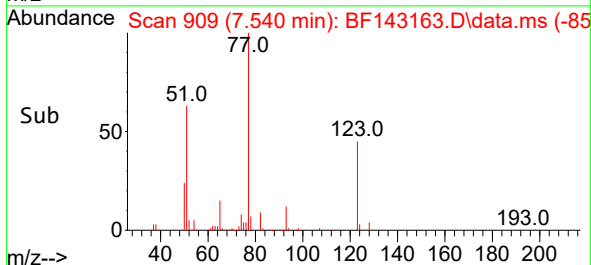
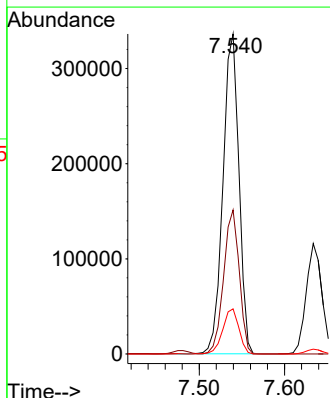
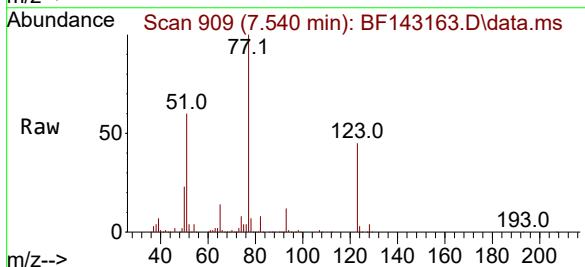
Tgt Ion: 77 Resp: 436819

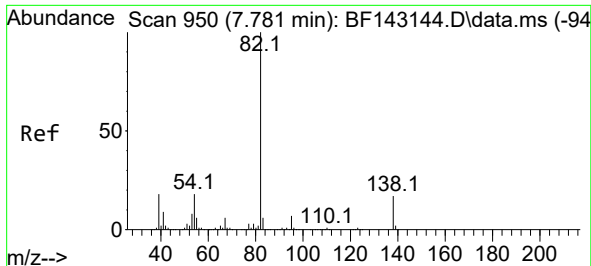
Ion Ratio Lower Upper

77 100

123 45.0 36.1 54.1

65 14.1 11.4 17.2

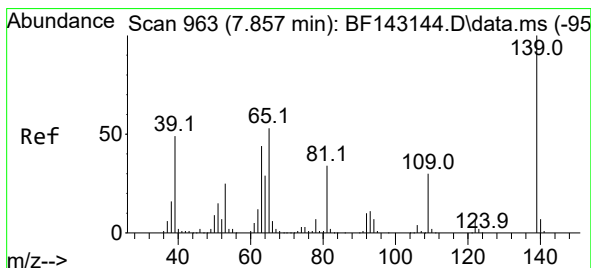
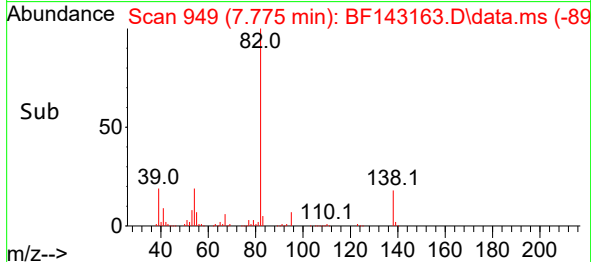
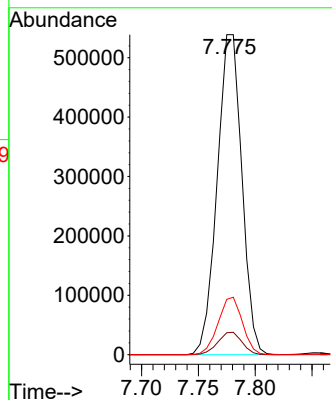
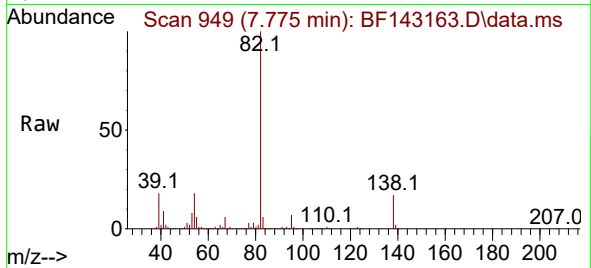




#25
Isophorone
Concen: 43.950 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

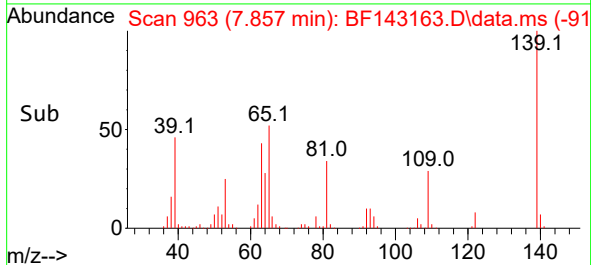
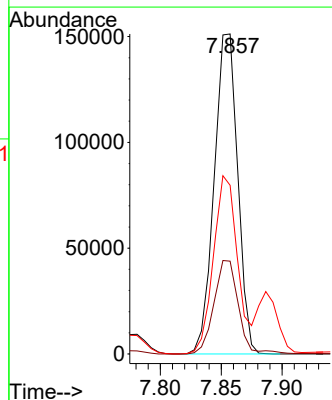
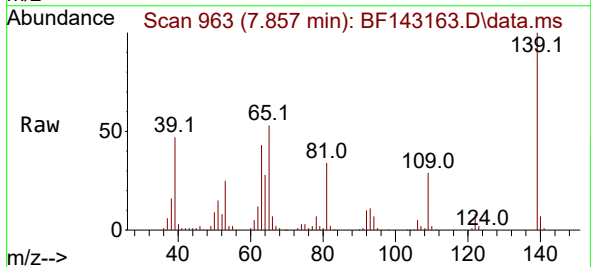
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

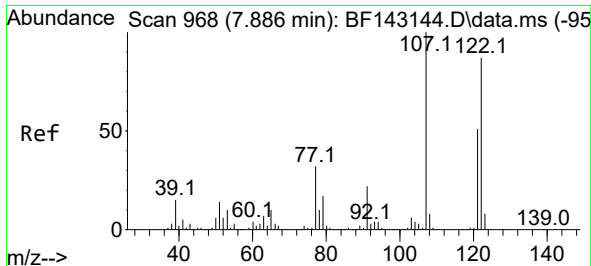
Tgt Ion: 82 Resp: 817053
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 47.719 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:139 Resp: 203332
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 52.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 44.356 ng

RT: 7.887 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

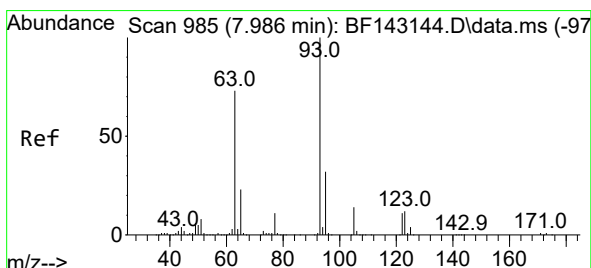
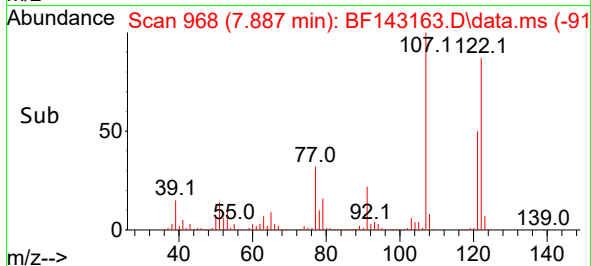
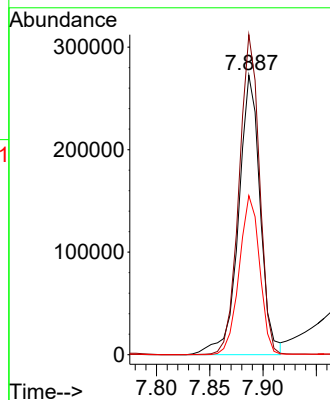
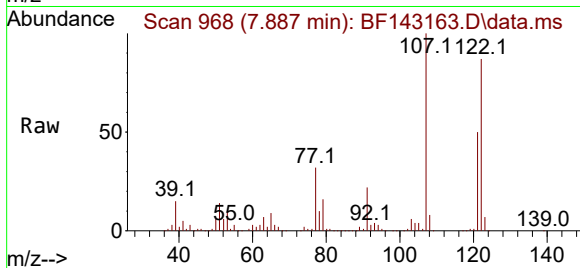
Tgt Ion:122 Resp: 385257

Ion Ratio Lower Upper

122 100

107 114.5 91.8 137.6

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.786 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

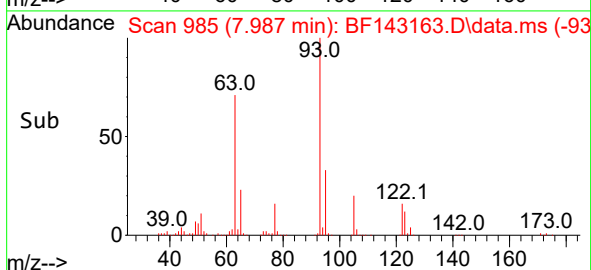
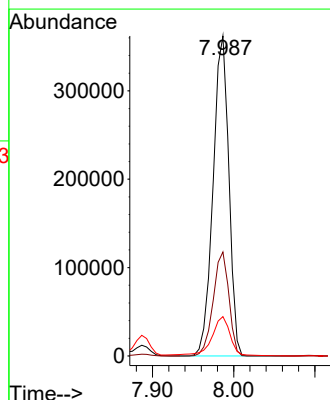
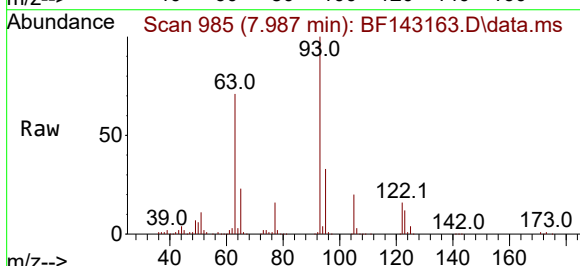
Tgt Ion: 93 Resp: 488053

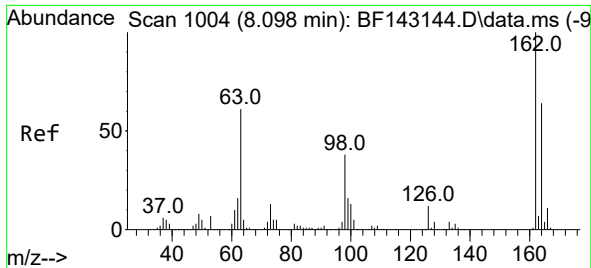
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.175 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

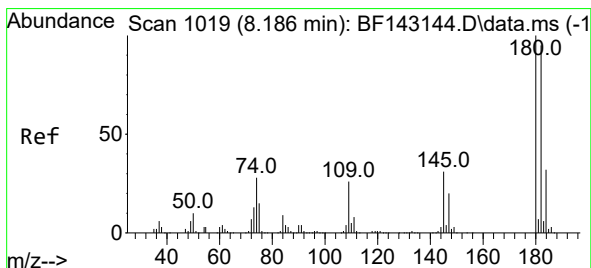
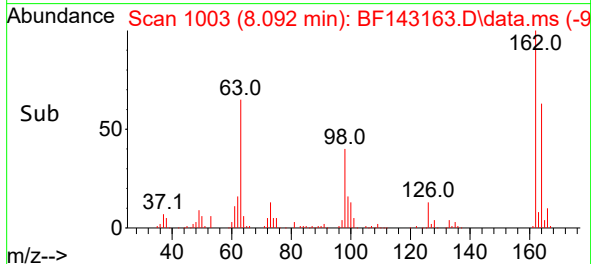
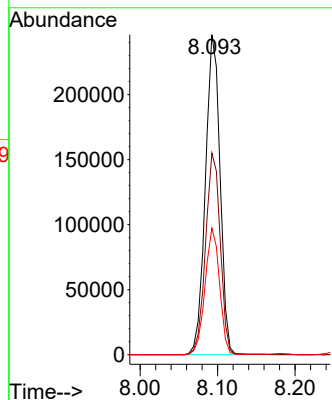
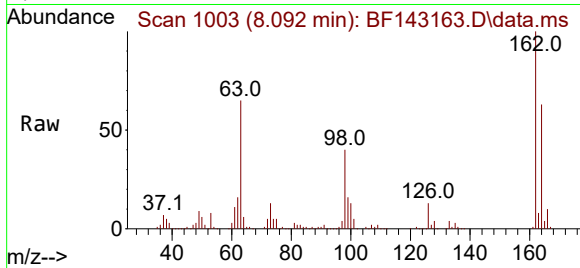
Tgt Ion:162 Resp: 323576

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 39.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.472 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

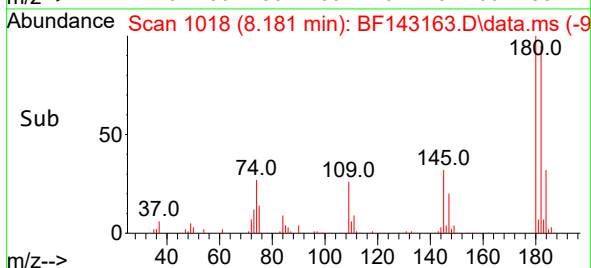
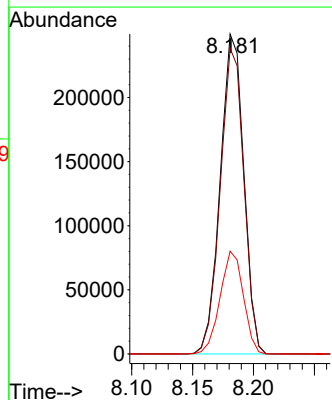
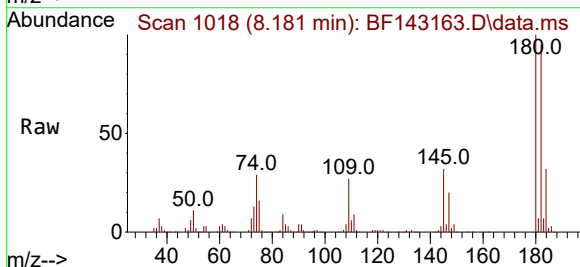
Tgt Ion:180 Resp: 336097

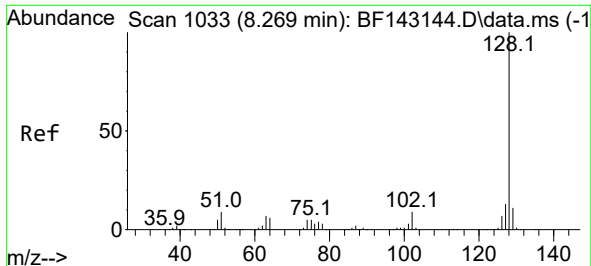
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 32.1 25.0 37.6

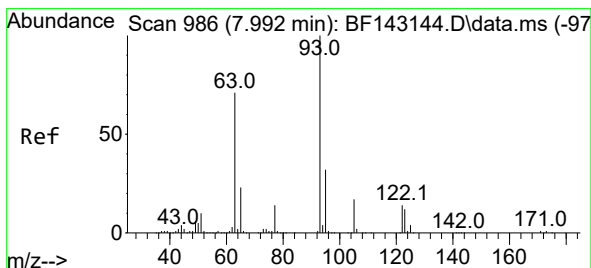
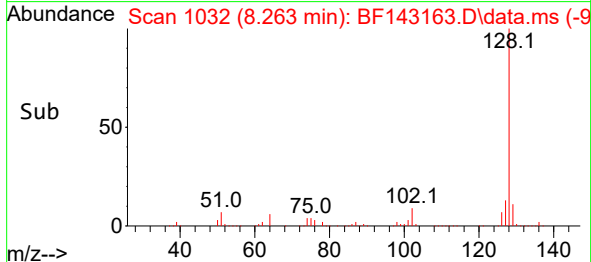
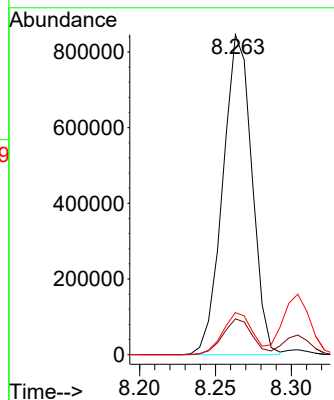
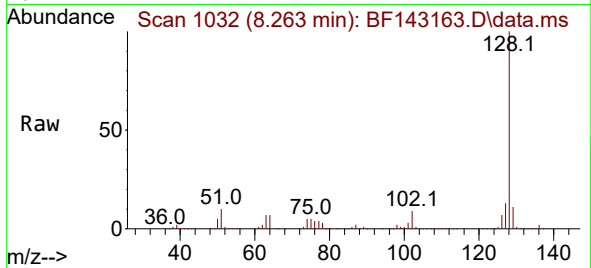




#31
Naphthalene
Concen: 43.617 ng m
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

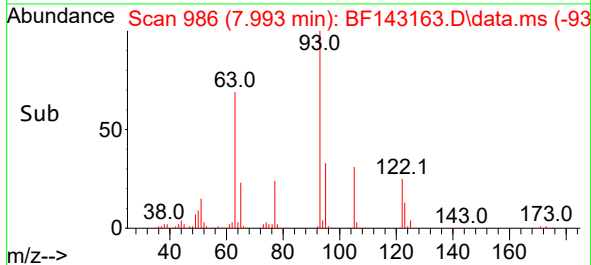
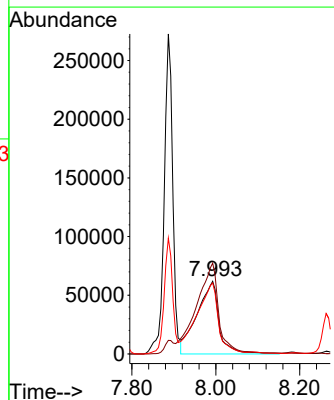
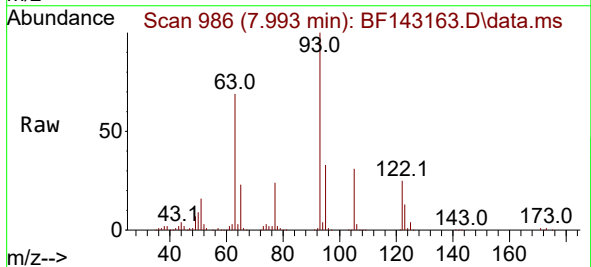
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

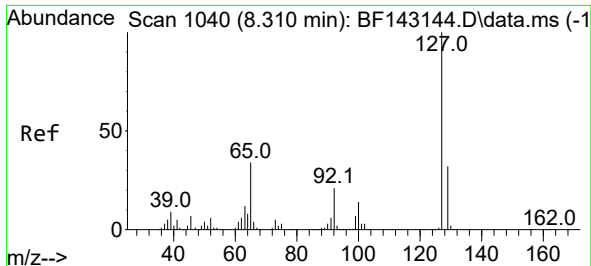
Tgt Ion:128 Resp: 1127603
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 46.723 ng m
RT: 7.993 min Scan# 986
Delta R.T. 0.001 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:122 Resp: 227846
Ion Ratio Lower Upper
122 100
105 125.0 104.8 144.8
77 97.7 77.6 117.6

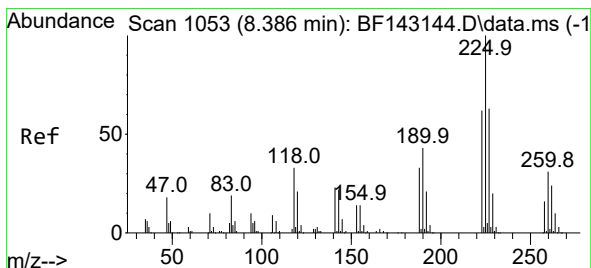
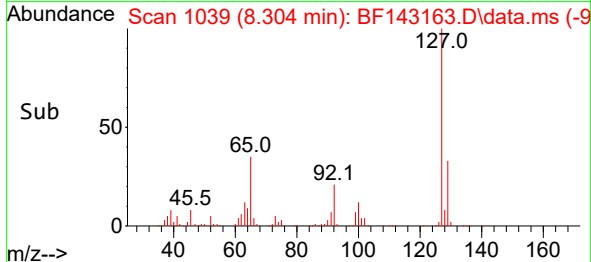
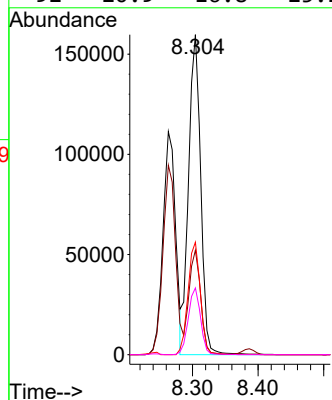
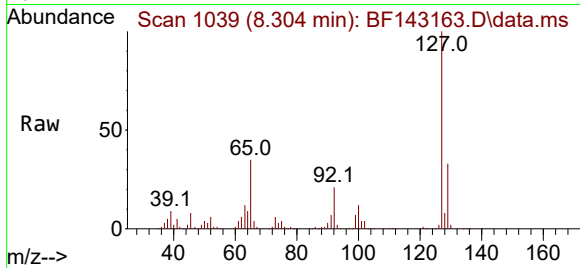




#33
4-Chloroaniline
Concen: 19.464 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

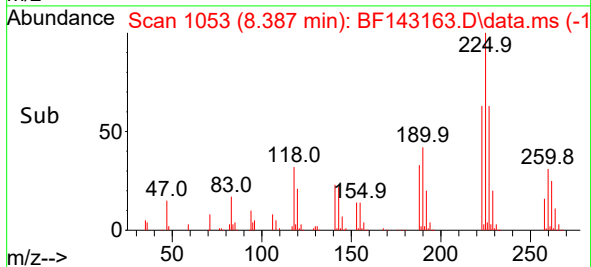
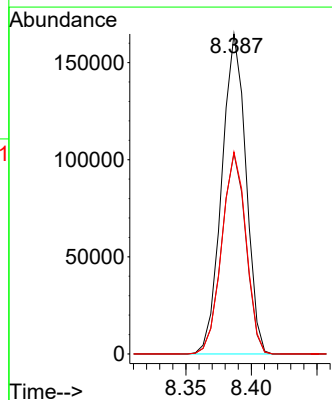
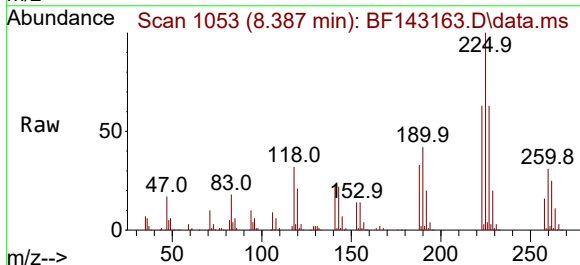
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

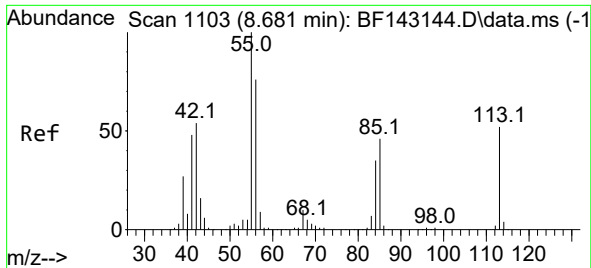
Tgt Ion:	127	Resp:	205458
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.0	39.0
65	35.2	27.4	41.2
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.596 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:	225	Resp:	210749
Ion Ratio	Lower	Upper	
225	100		
223	62.7	49.8	74.6
227	63.1	50.2	75.4

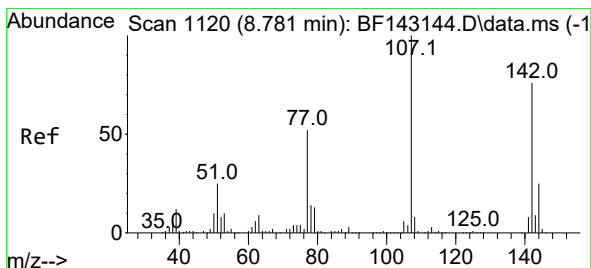
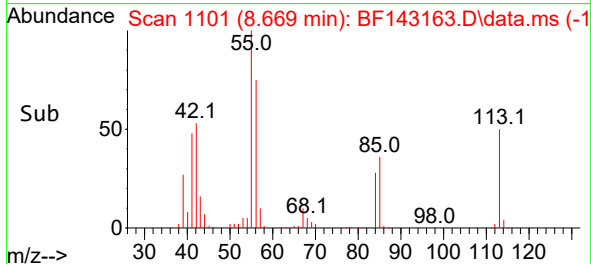
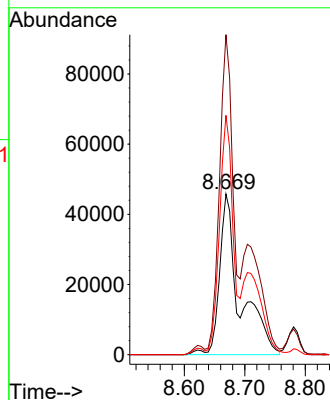
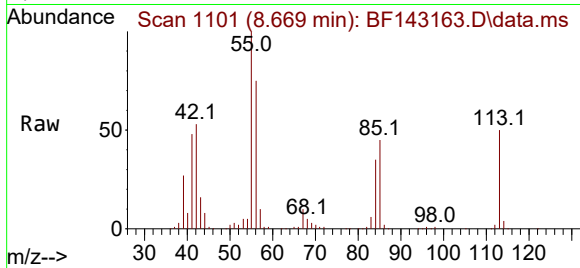




#35
 Caprolactam
 Concen: 48.340 ng m
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

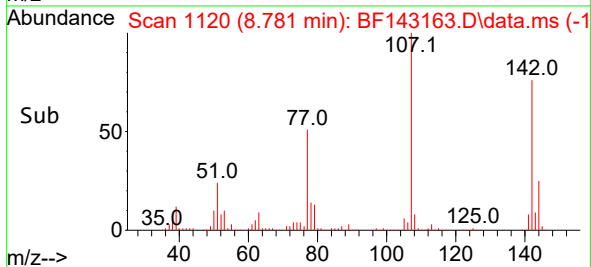
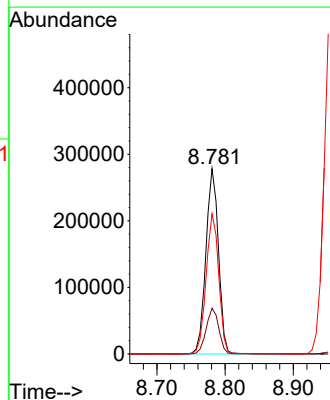
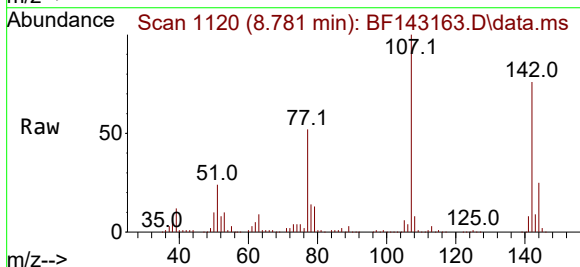
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BSD

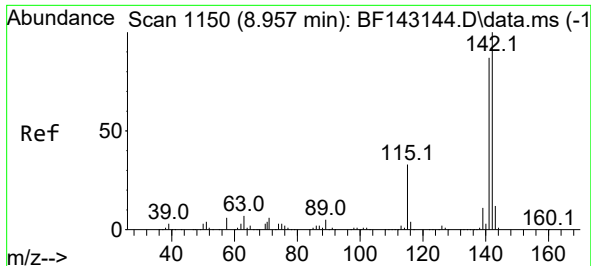
Tgt Ion:113 Resp: 106998
 Ion Ratio Lower Upper
 113 100
 55 199.3 174.0 214.0
 56 149.0 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.026 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

Tgt Ion:107 Resp: 358475
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 75.7 60.6 90.8

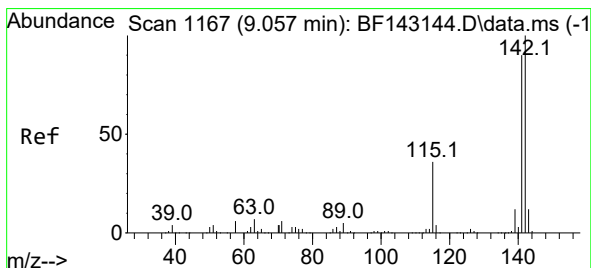
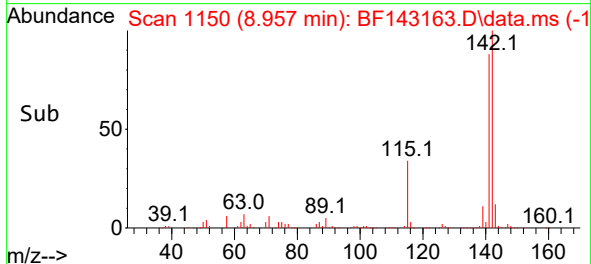
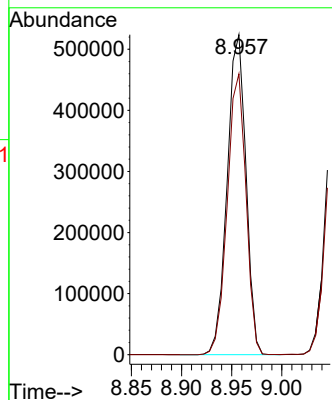
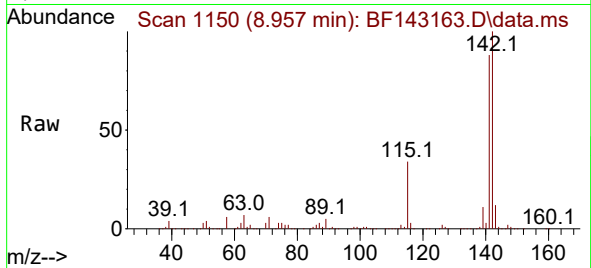




#37
2-Methylnaphthalene
Concen: 43.373 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

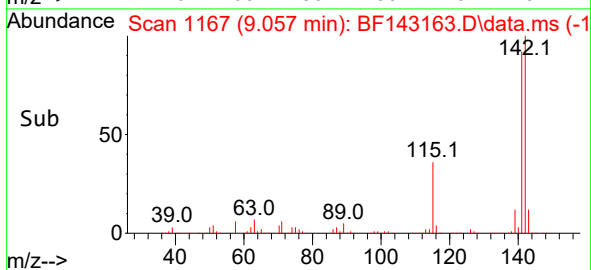
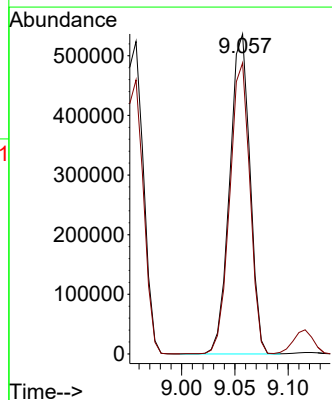
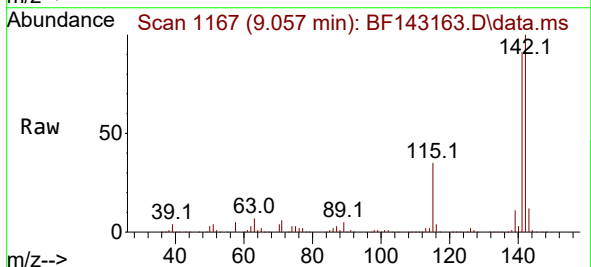
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

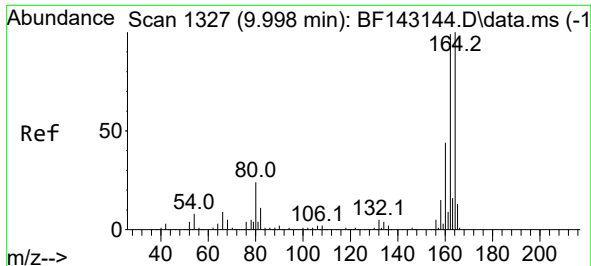
Tgt Ion:142 Resp: 682326
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.926 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:142 Resp: 711574
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5

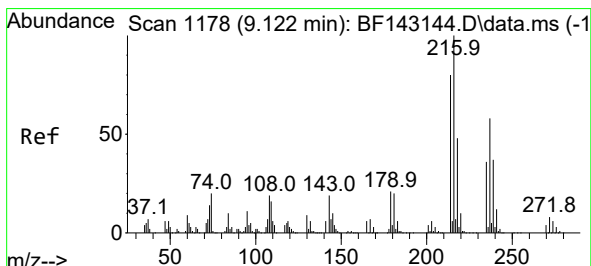
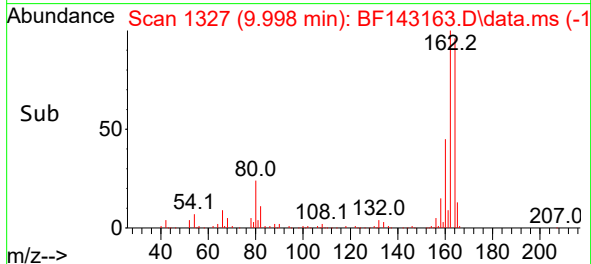
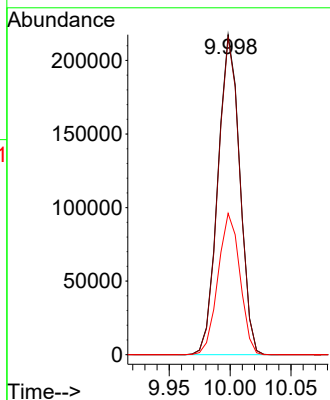
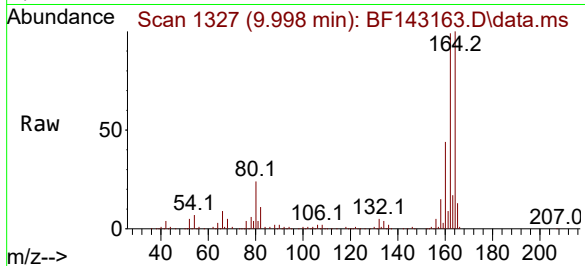




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

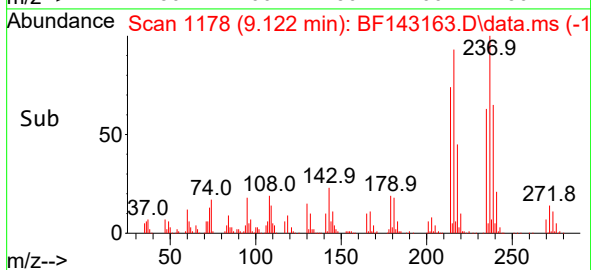
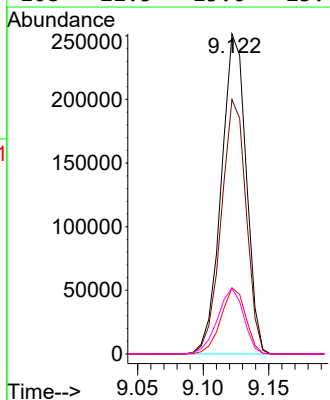
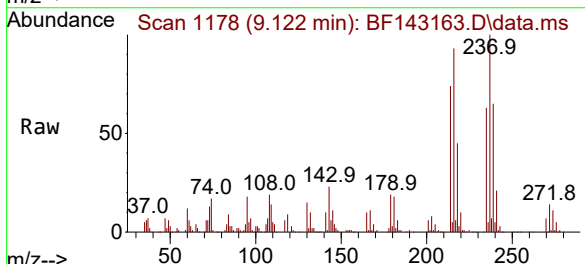
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Tgt Ion:164 Resp: 272308
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 44.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.189 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:216 Resp: 331686
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.8
179 20.5 16.4 24.6
108 21.5 15.6 23.4

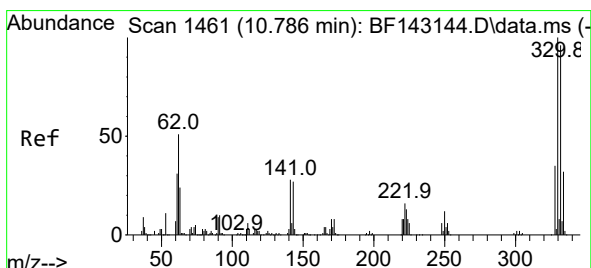
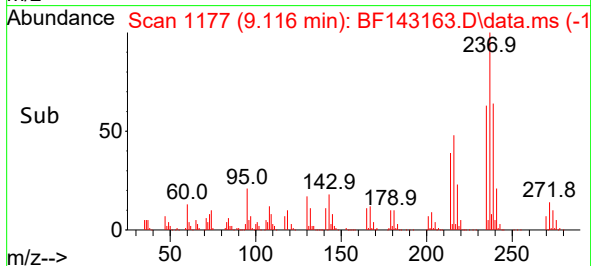
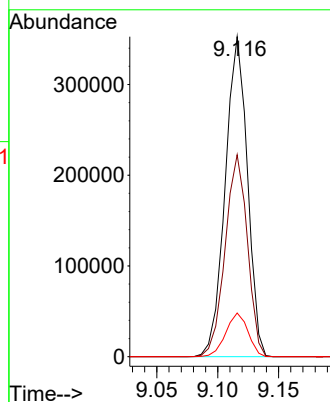
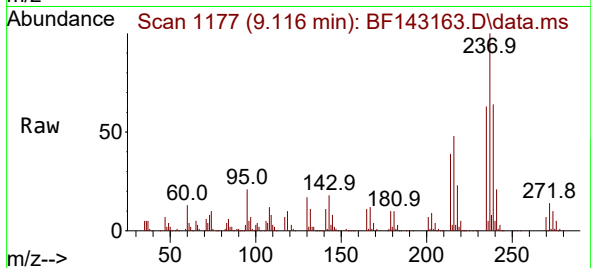




#41
Hexachlorocyclopentadiene
Concen: 87.490 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

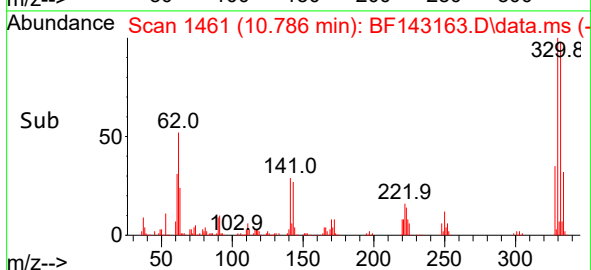
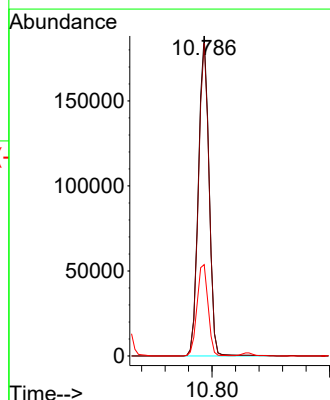
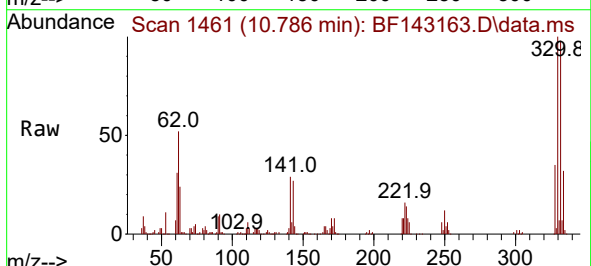
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Tgt Ion:237 Resp: 447550
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 83.365 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:330 Resp: 234514
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 29.9 23.3 34.9

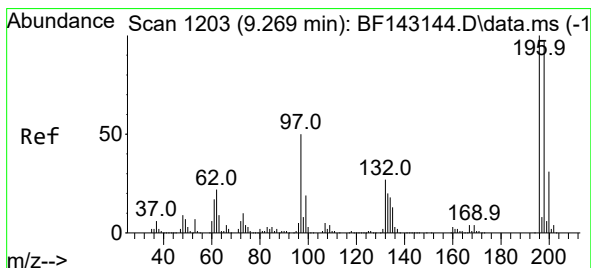
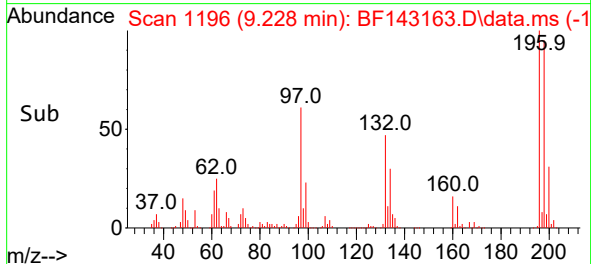
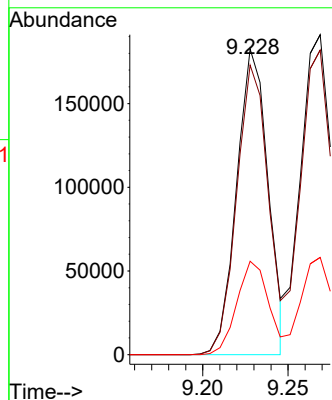
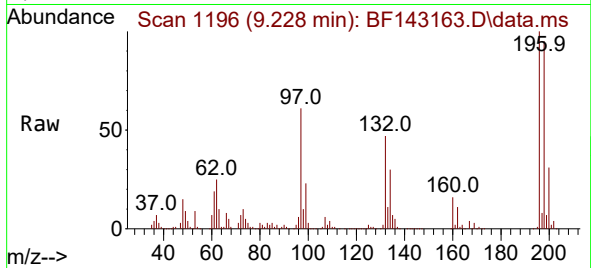




#43
2,4,6-Trichlorophenol
Concen: 43.107 ng
RT: 9.228 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

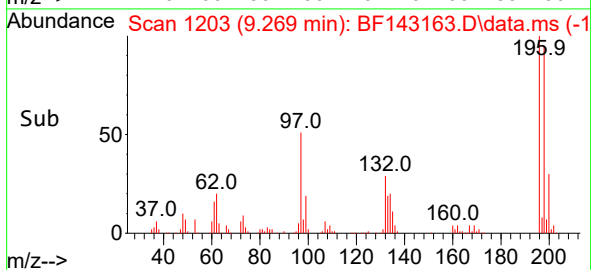
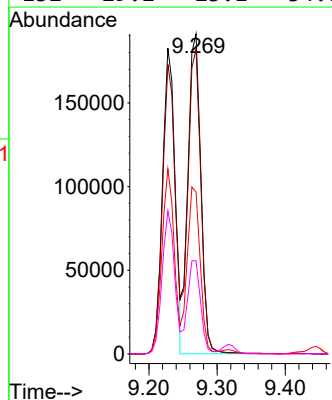
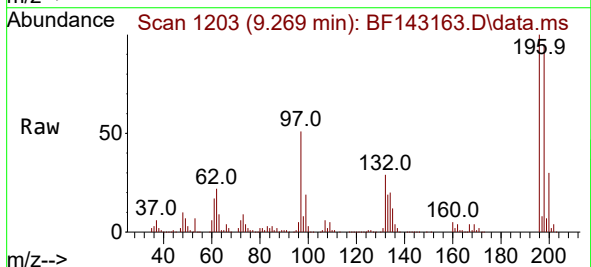
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

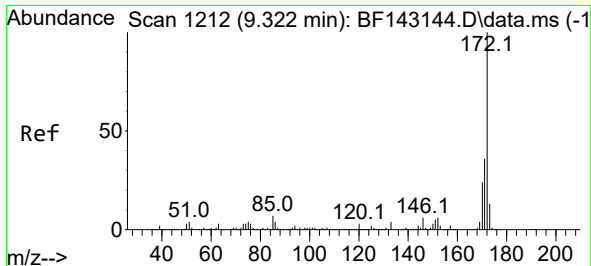
Tgt Ion:196 Resp: 234546
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.5 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 46.064 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:196 Resp: 250713
Ion Ratio Lower Upper
196 100
198 95.2 77.3 115.9
97 50.7 40.3 60.5
132 29.2 23.1 34.7

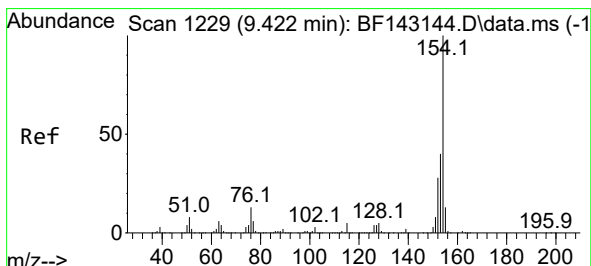
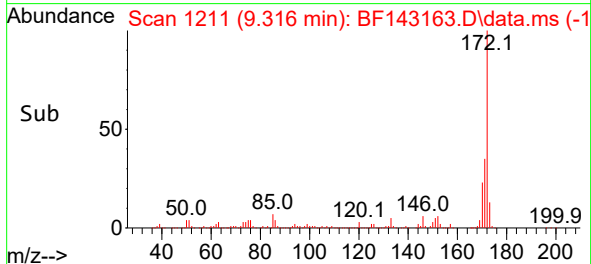
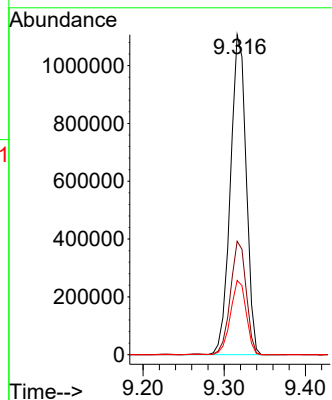
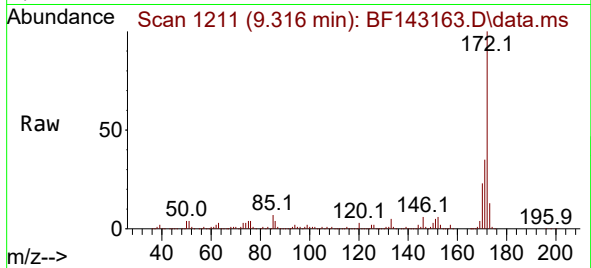




#45
2-Fluorobiphenyl
Concen: 74.859 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

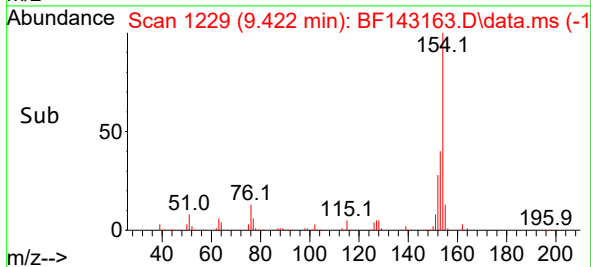
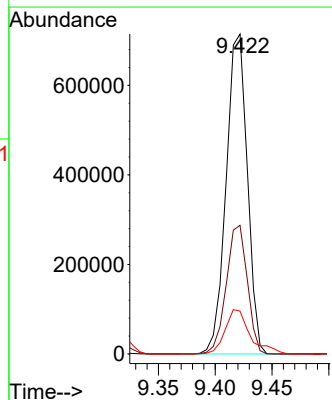
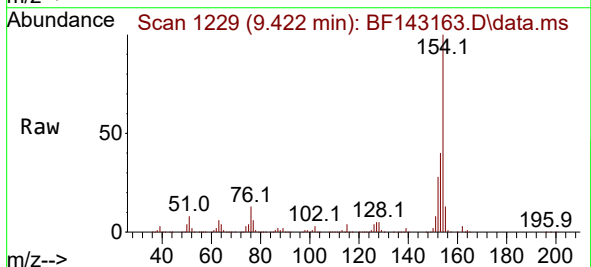
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

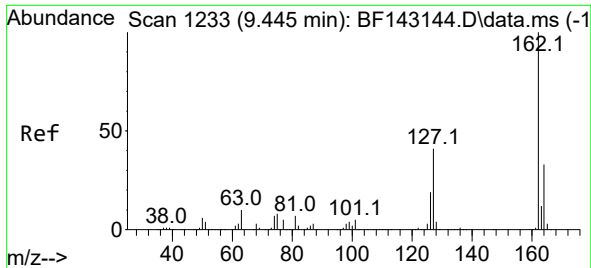
Tgt Ion:172 Resp: 1490518
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.600 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:154 Resp: 926298
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.851 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

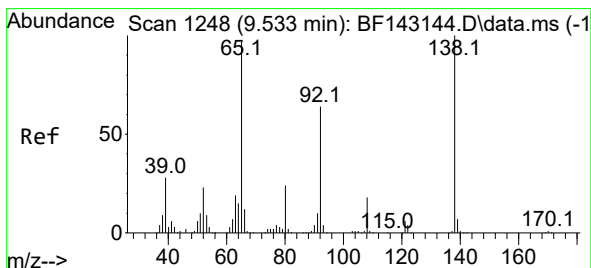
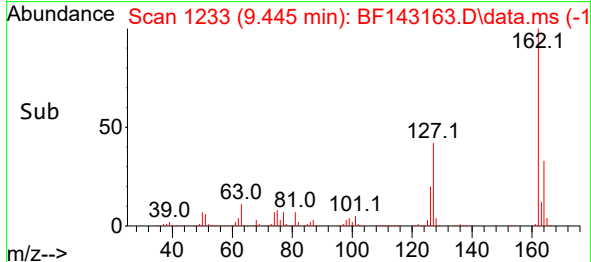
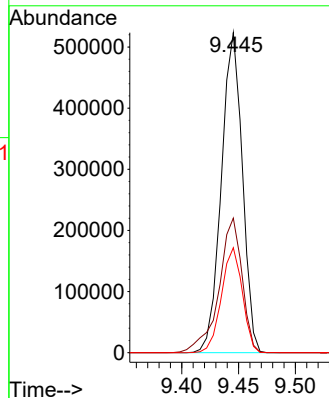
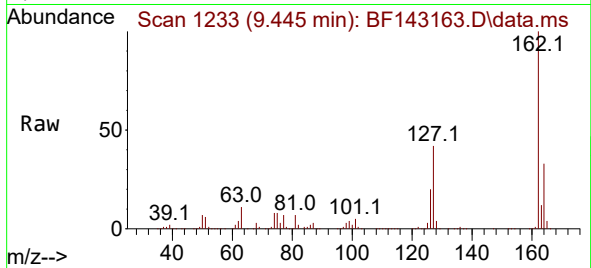
Tgt Ion:162 Resp: 673620

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 47.366 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

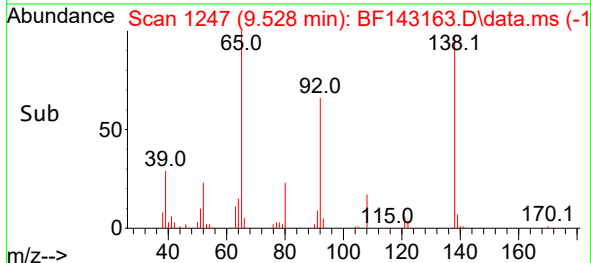
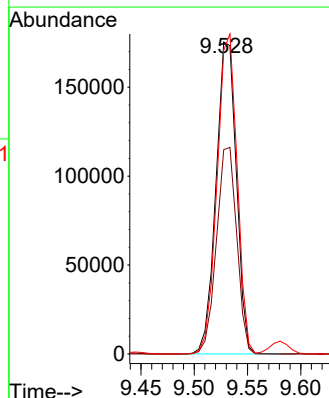
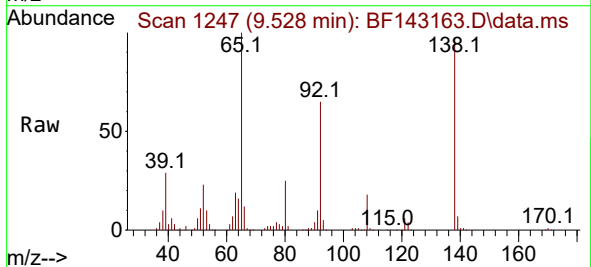
Tgt Ion: 65 Resp: 233503

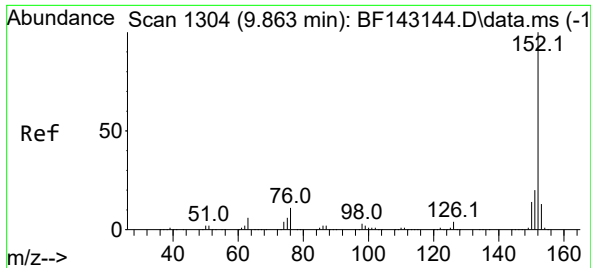
Ion Ratio Lower Upper

65 100

92 65.5 52.4 78.6

138 97.3 82.3 123.5

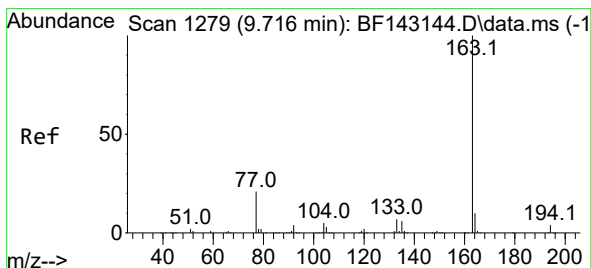
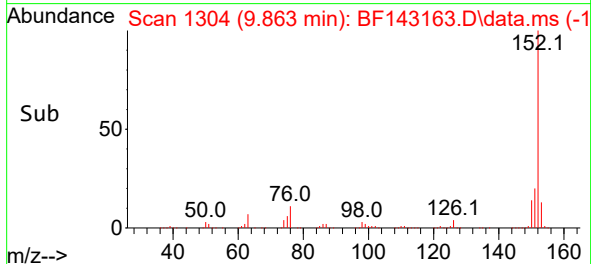
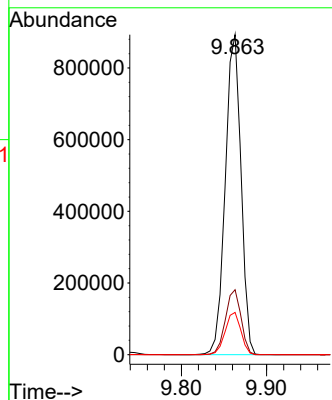
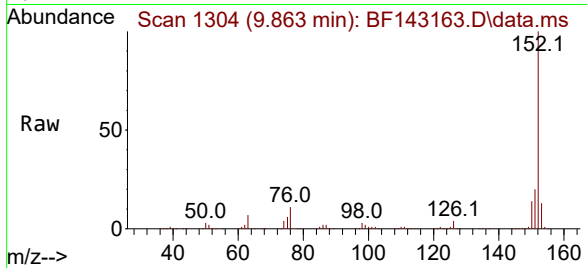




#49
Acenaphthylene
Concen: 43.507 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

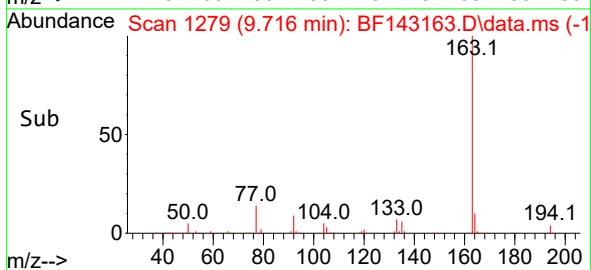
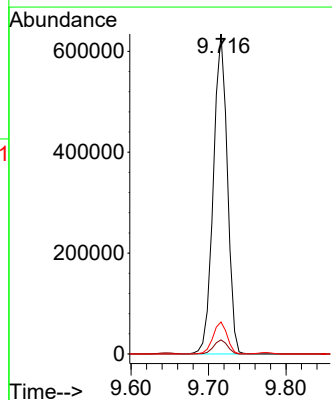
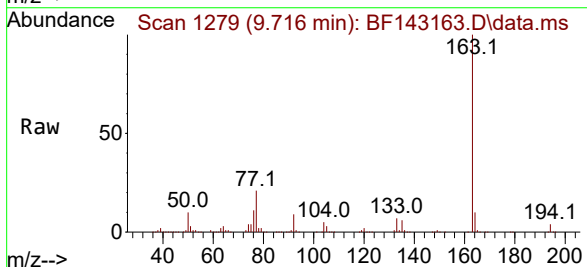
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

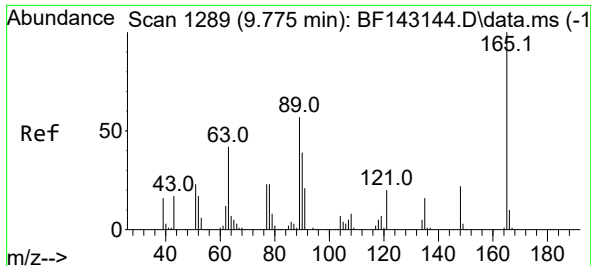
Tgt Ion:152 Resp: 1146165
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 45.003 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:163 Resp: 798798
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.3 12.5

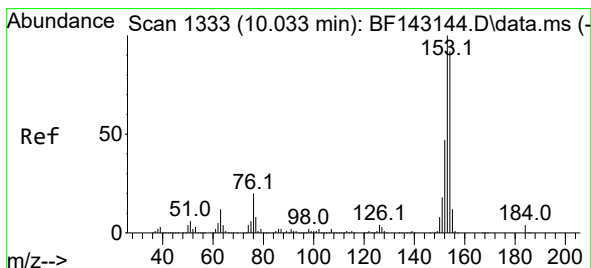
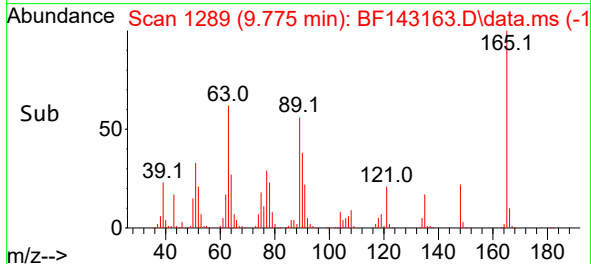
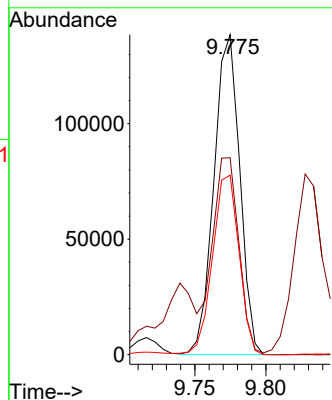
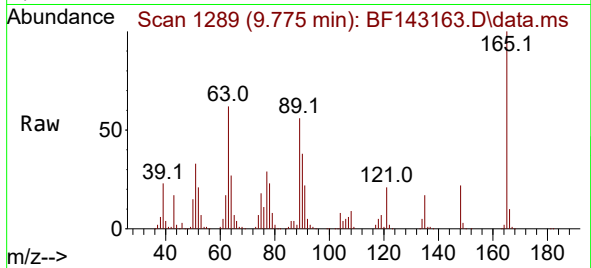




#51
2,6-Dinitrotoluene
Concen: 48.512 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

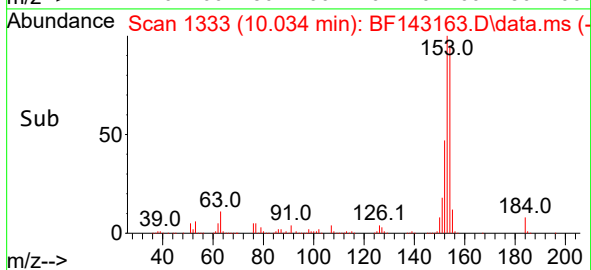
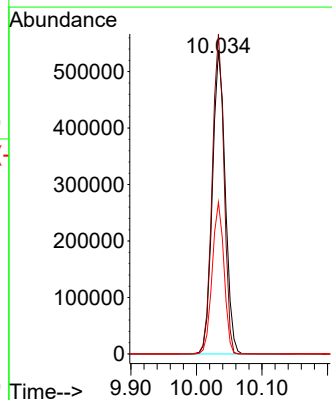
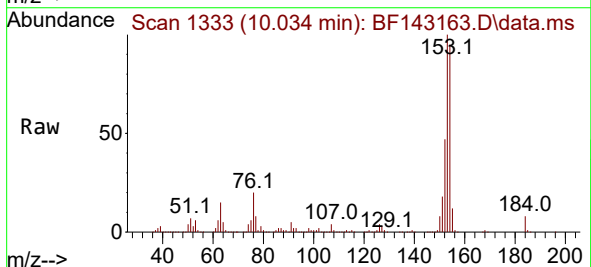
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

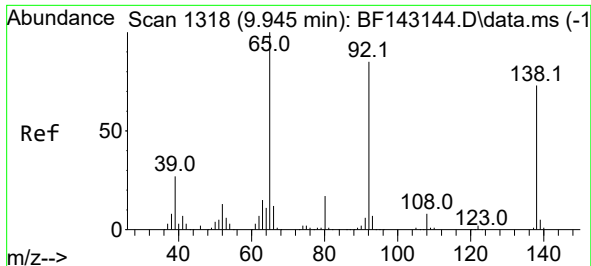
Tgt Ion:165 Resp: 175169
Ion Ratio Lower Upper
165 100
63 61.5 49.4 74.2
89 56.1 46.2 69.2



#52
Acenaphthene
Concen: 46.978 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:154 Resp: 731488
Ion Ratio Lower Upper
154 100
153 105.4 86.6 129.8
152 49.9 40.4 60.6

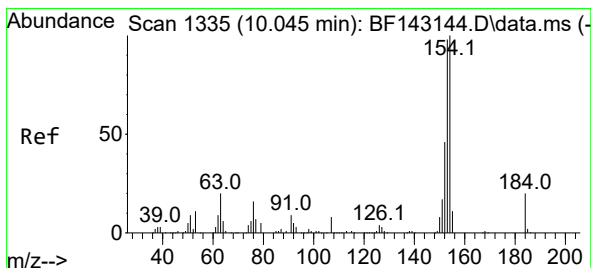
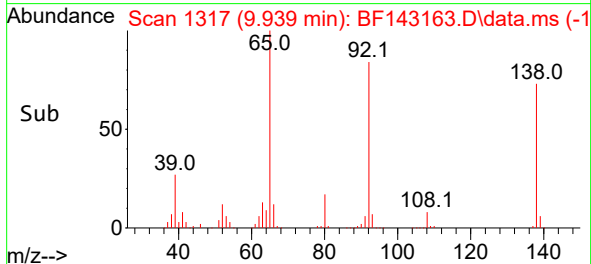
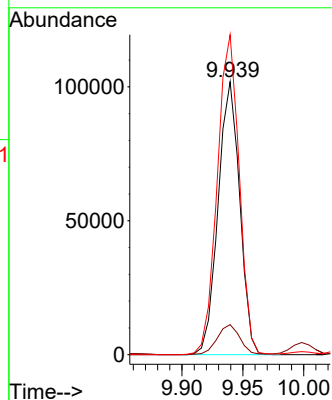
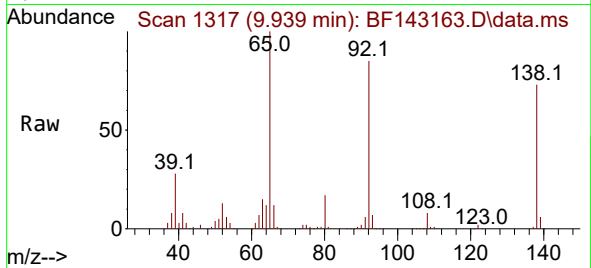




#53
3-Nitroaniline
Concen: 29.821 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

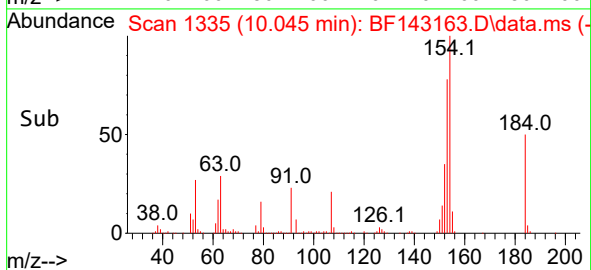
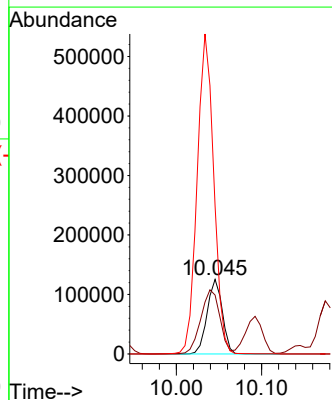
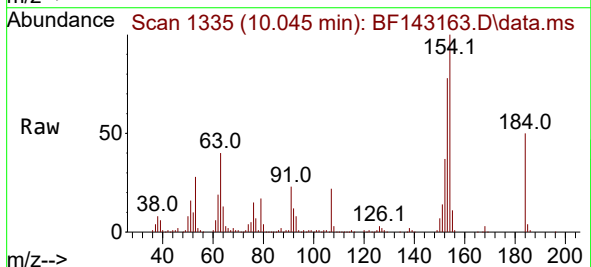
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

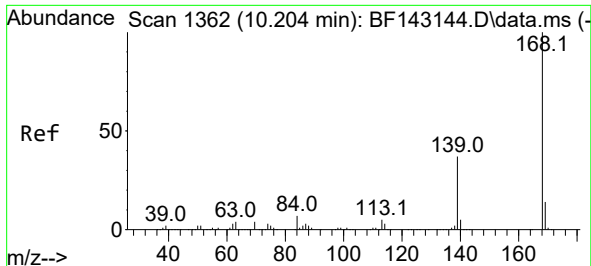
Tgt Ion:138 Resp: 125947
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 117.2 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 93.727 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:184 Resp: 155426
Ion Ratio Lower Upper
184 100
63 79.0 81.8 122.6#
154 198.5 412.2 618.4#

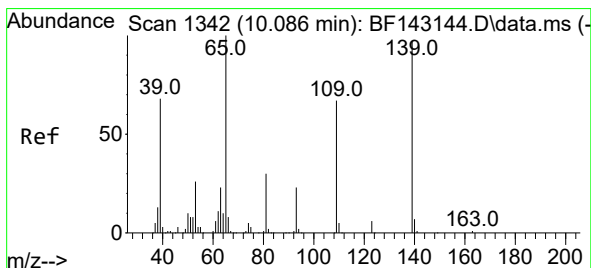
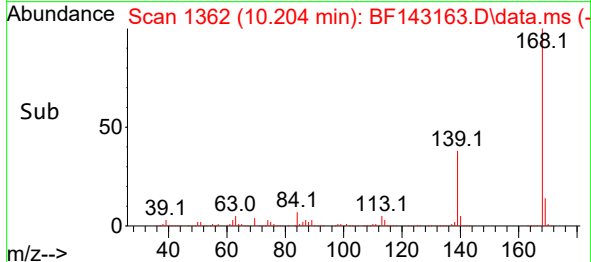
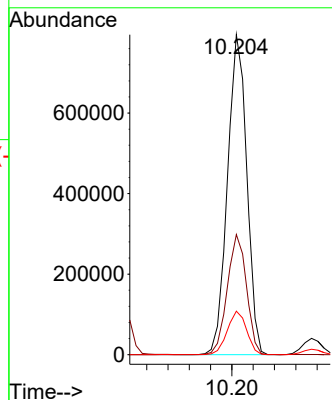
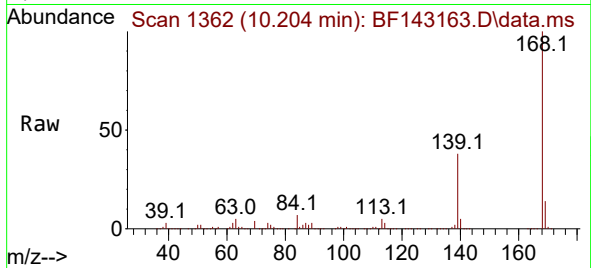




#55
Dibenzofuran
Concen: 43.303 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

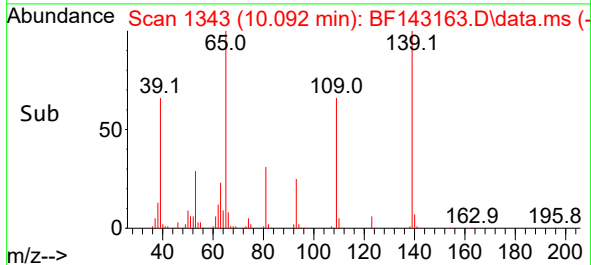
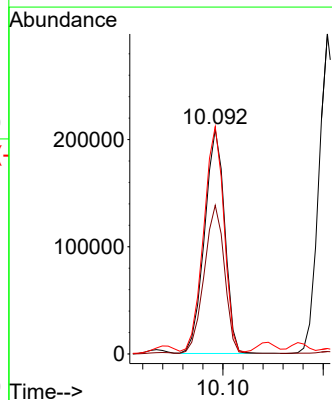
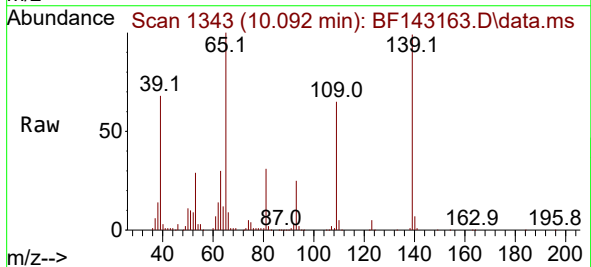
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

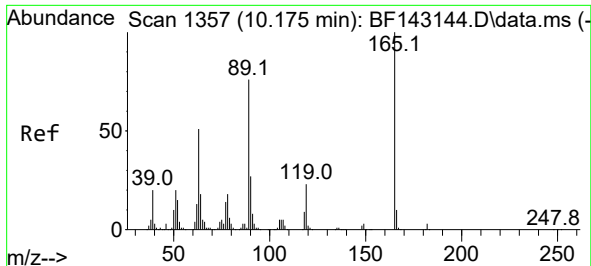
Tgt Ion:168 Resp: 1001067
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 92.760 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:139 Resp: 292549
Ion Ratio Lower Upper
139 100
109 66.1 48.5 88.5
65 101.2 83.4 123.4

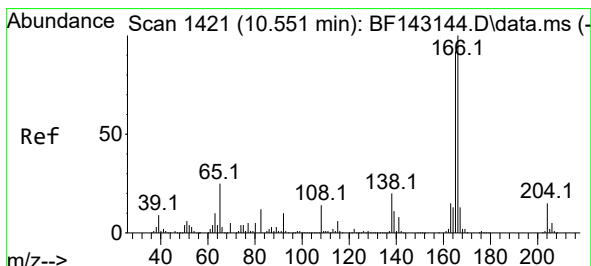
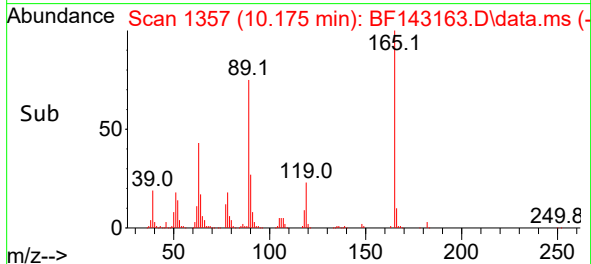
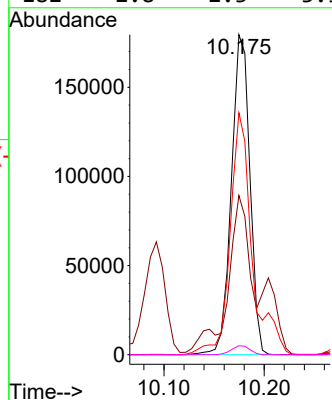
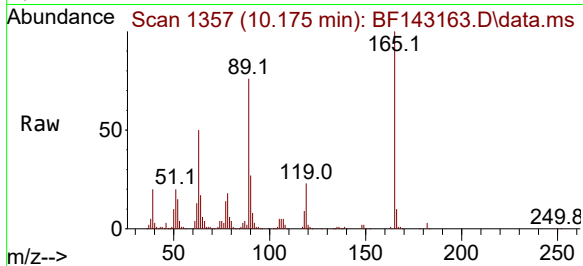




#57
2,4-Dinitrotoluene
Concen: 50.725 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

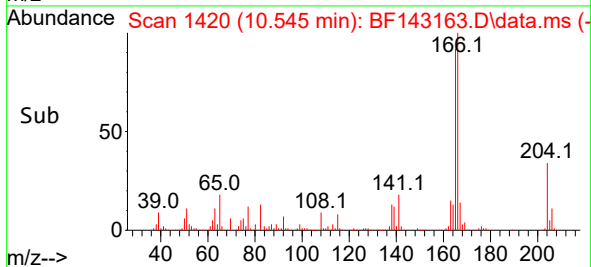
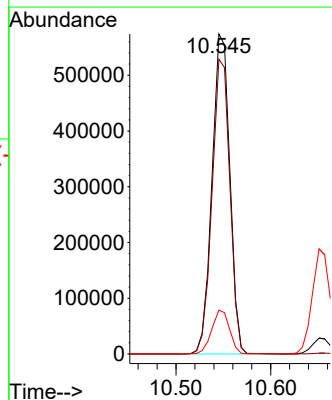
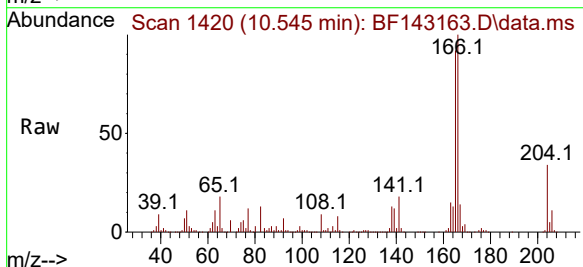
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

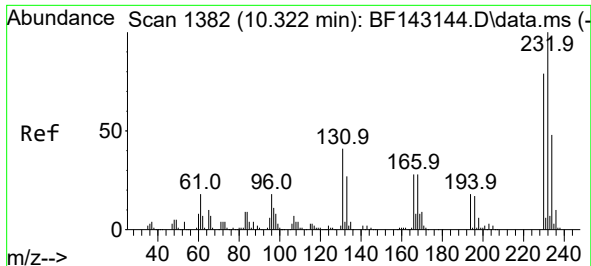
Tgt Ion:165 Resp: 229791
Ion Ratio Lower Upper
165 100
63 49.7 41.0 61.4
89 75.6 61.1 91.7
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.062 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:166 Resp: 747135
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.7 10.6 16.0

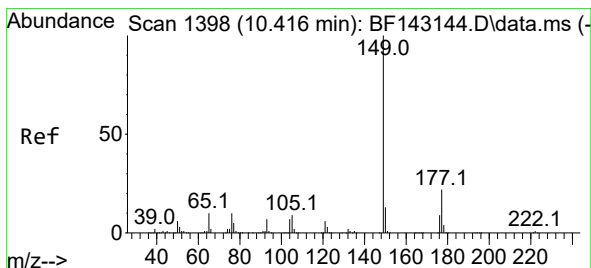
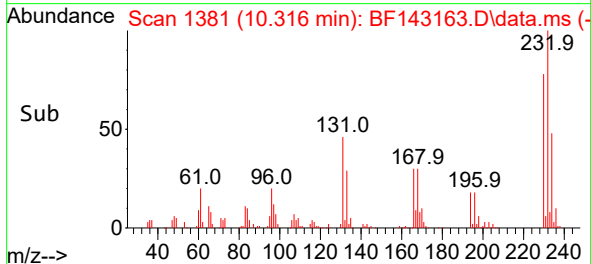
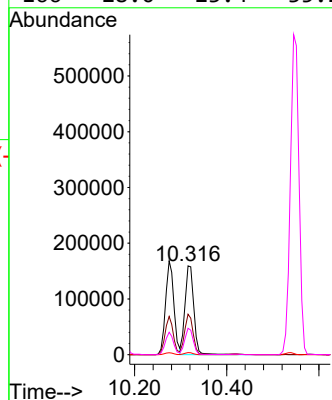
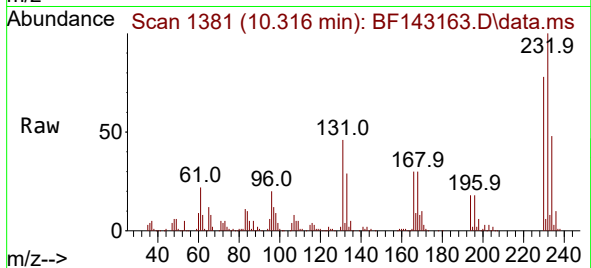




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.838 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

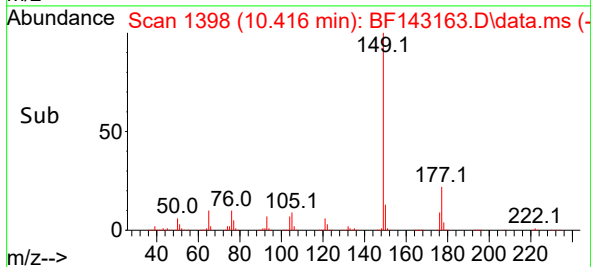
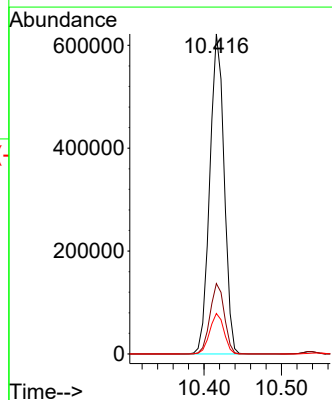
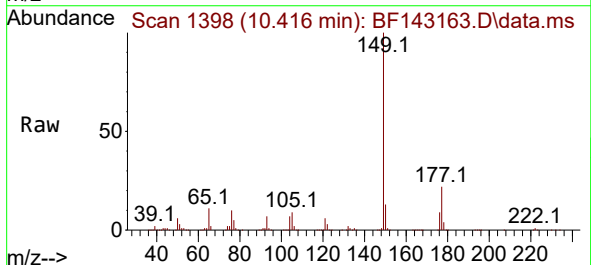
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

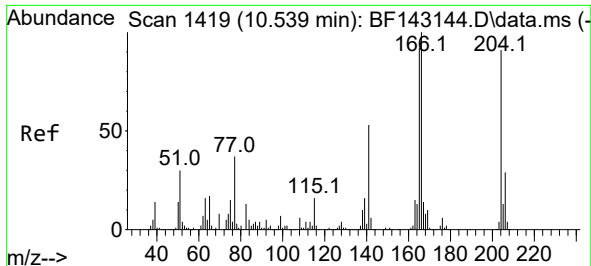
Tgt Ion:232 Resp: 211171
Ion Ratio Lower Upper
232 100
131 43.5 35.3 52.9
130 2.2 1.7 2.5
166 28.0 23.4 35.2



#60
Diethylphthalate
Concen: 45.581 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:149 Resp: 799680
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.6 10.2 15.2

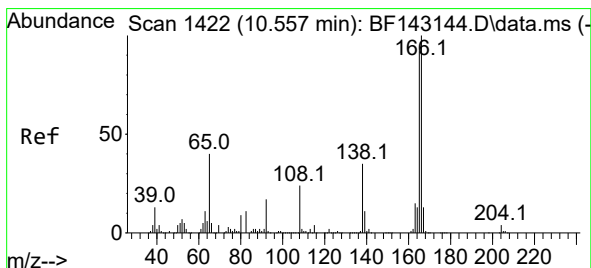
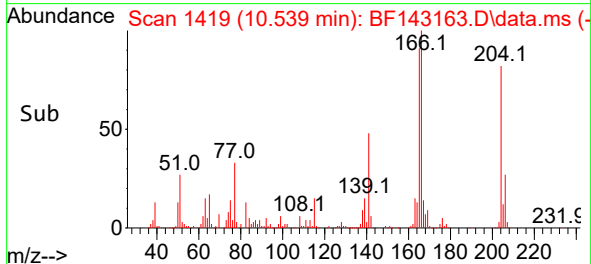
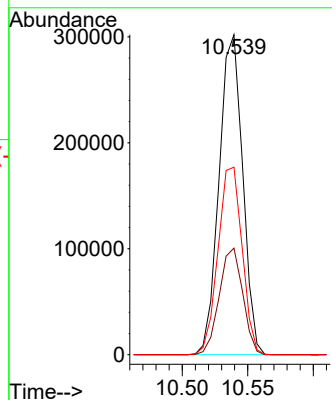
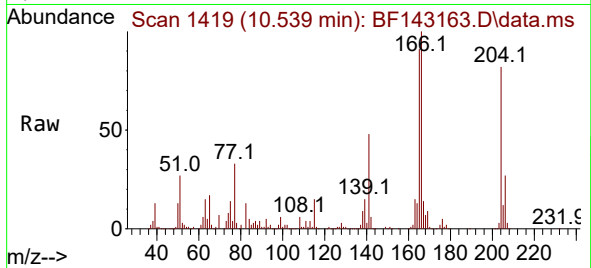




#61
4-Chlorophenyl-phenylether
Concen: 43.688 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

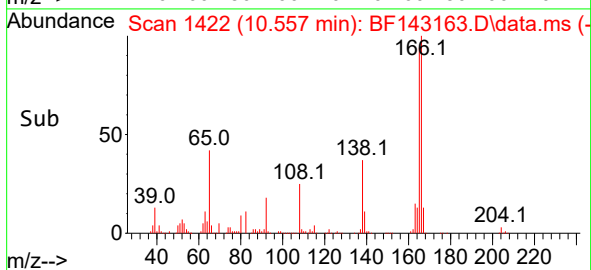
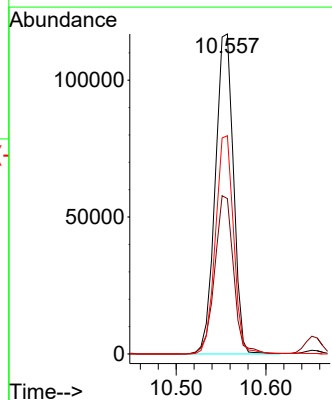
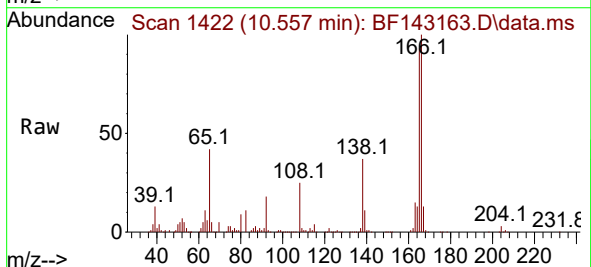
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

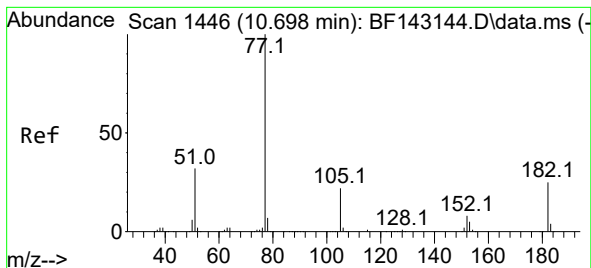
Tgt Ion:204 Resp: 377435
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 58.6 47.0 70.4



#62
4-Nitroaniline
Concen: 45.431 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:138 Resp: 164448
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 68.2 48.3 88.3





#63

Azobenzene

Concen: 45.030 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

Tgt Ion: 77 Resp: 823357

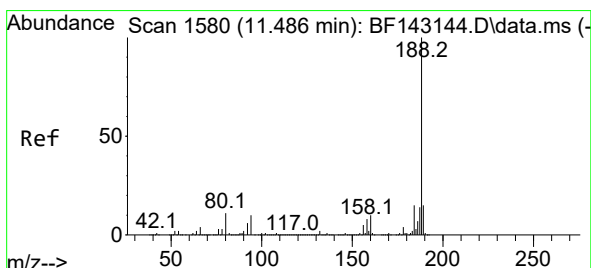
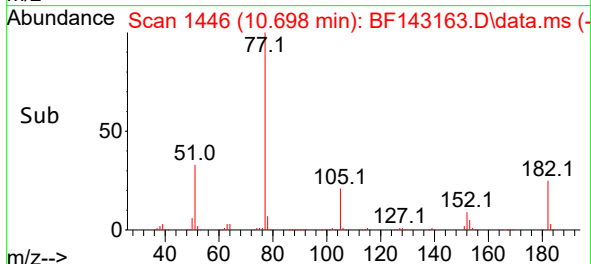
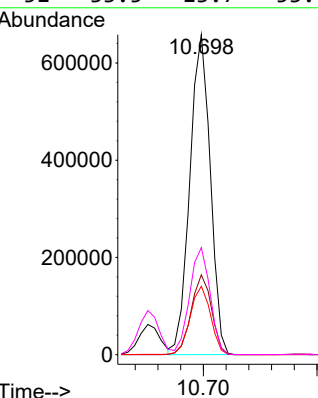
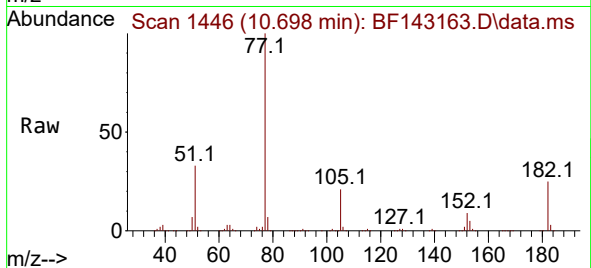
Ion Ratio Lower Upper

77 100

182 24.9 4.6 44.6

105 21.4 1.4 41.4

51 33.5 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

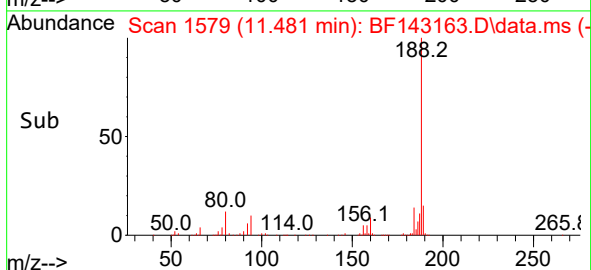
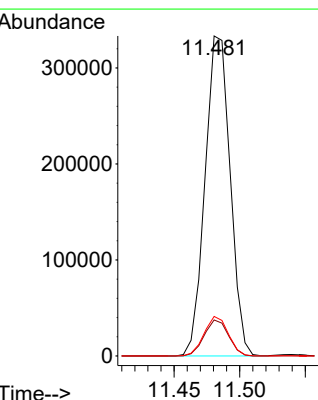
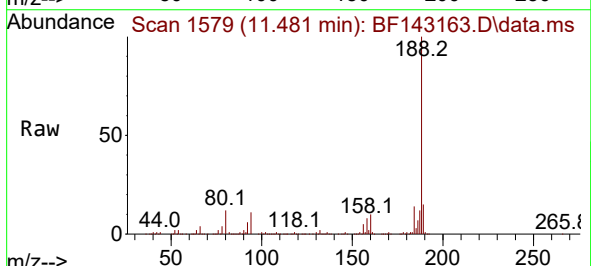
Tgt Ion:188 Resp: 443930

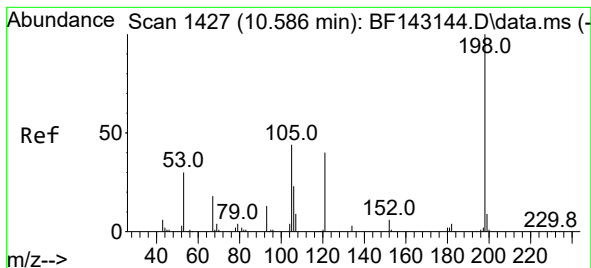
Ion Ratio Lower Upper

188 100

94 11.3 8.3 12.5

80 12.4 9.0 13.6

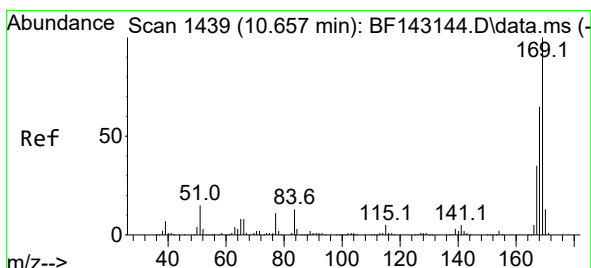
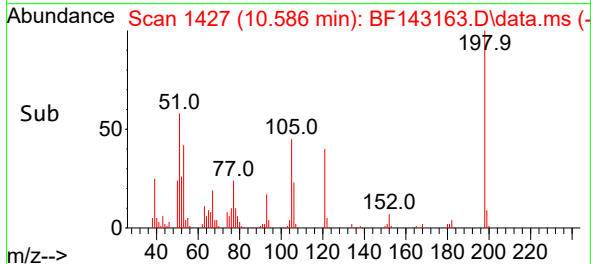
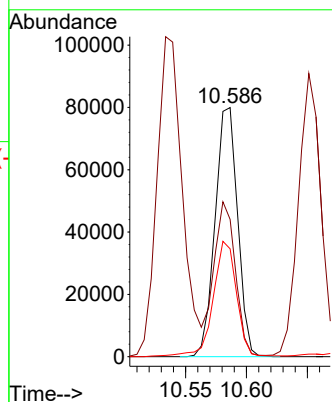
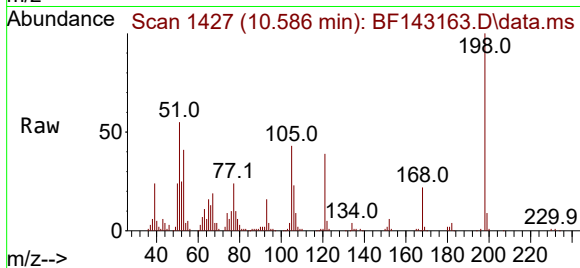




#65
4,6-Dinitro-2-methylphenol
Concen: 44.613 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

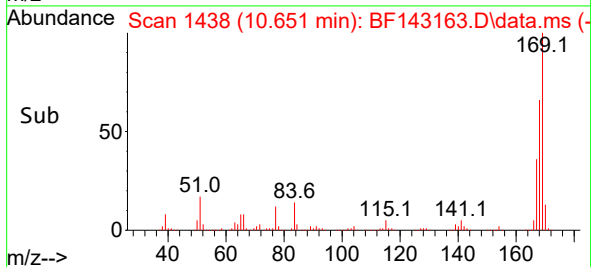
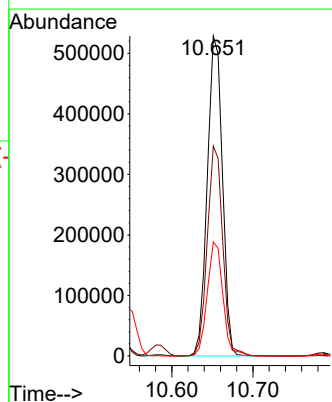
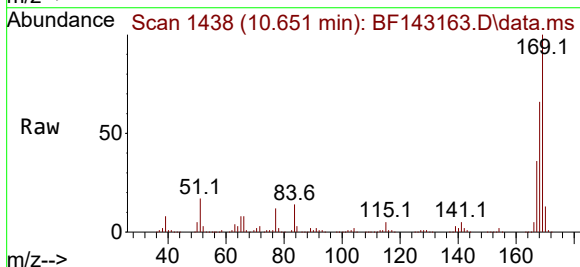
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

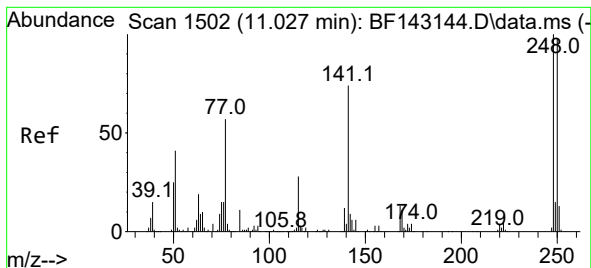
Tgt Ion:198 Resp: 102823
Ion Ratio Lower Upper
198 100
51 55.1 37.2 77.2
105 43.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.657 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:169 Resp: 682448
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.7 28.2 42.2

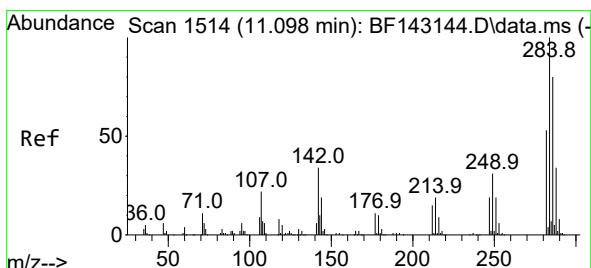
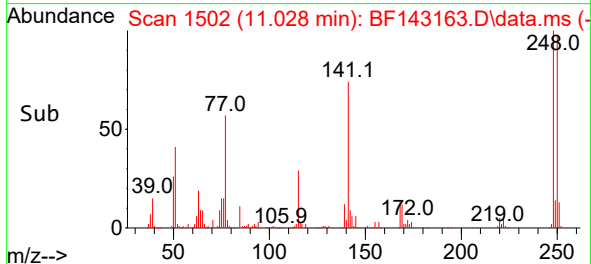
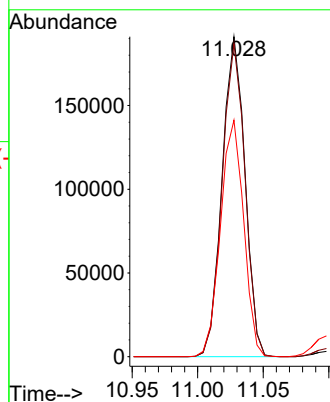
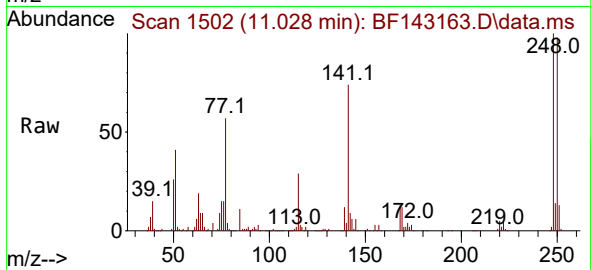




#67
4-Bromophenyl-phenylether
Concen: 43.838 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

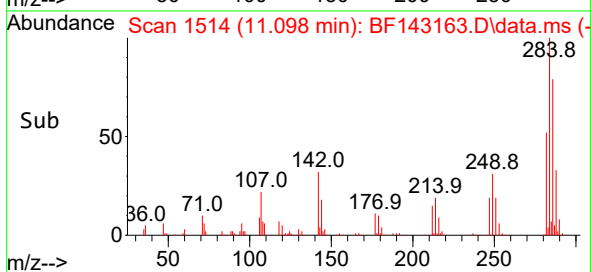
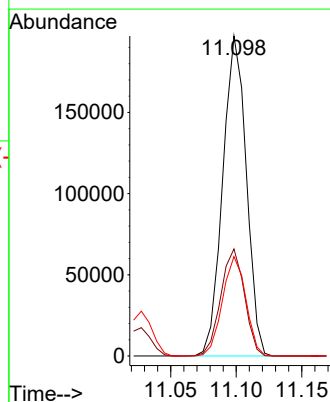
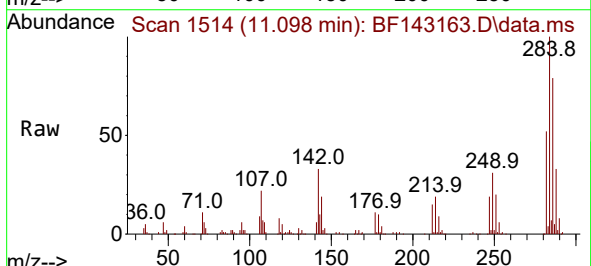
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

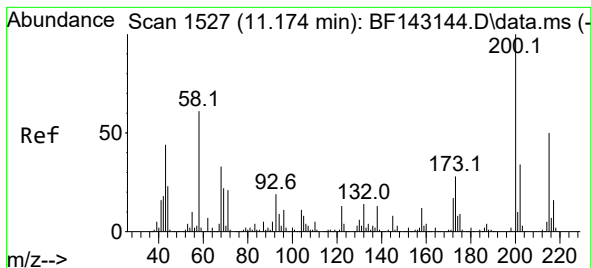
Tgt Ion:248 Resp: 231921
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 73.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.499 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:284 Resp: 246065
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 46.910 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

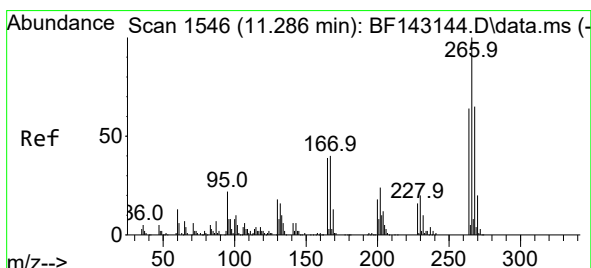
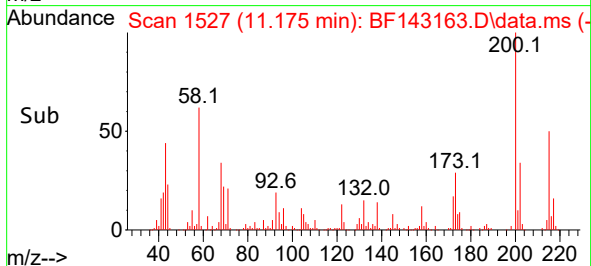
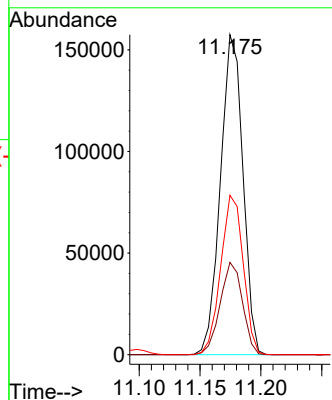
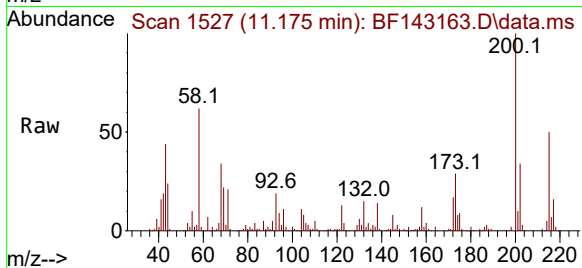
Tgt Ion:200 Resp: 202166

Ion Ratio Lower Upper

200 100

173 28.8 7.9 47.9

215 49.8 30.1 70.1



#70

Pentachlorophenol

Concen: 89.711 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

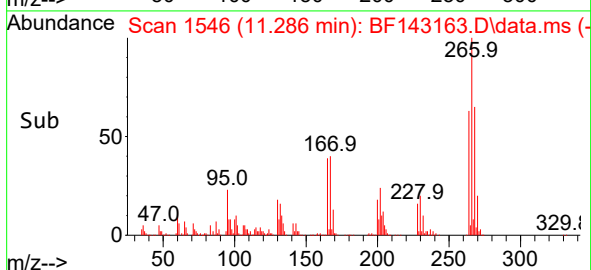
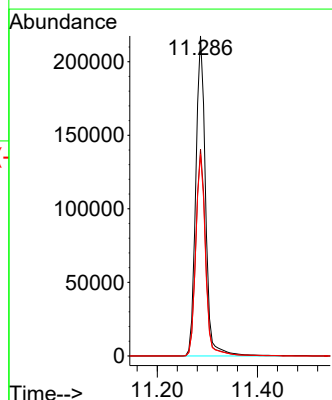
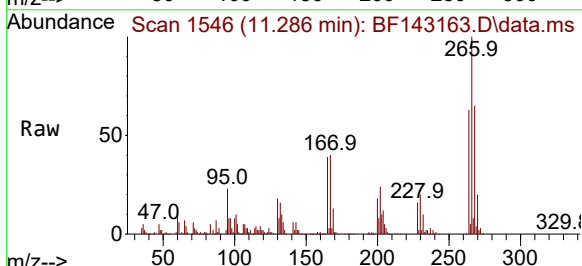
Tgt Ion:266 Resp: 291731

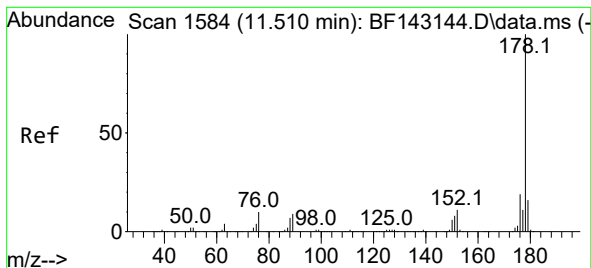
Ion Ratio Lower Upper

266 100

268 64.7 51.9 77.9

264 63.2 51.0 76.6





#71

Phenanthrene

Concen: 43.932 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

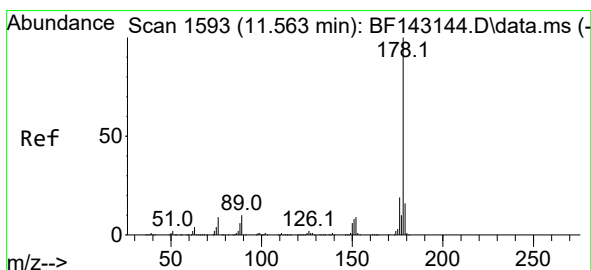
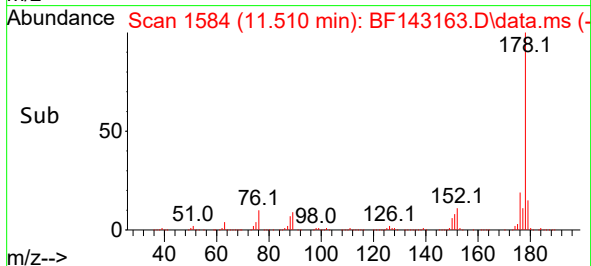
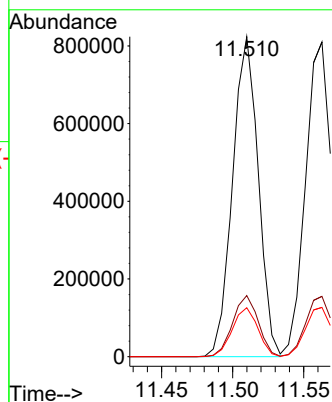
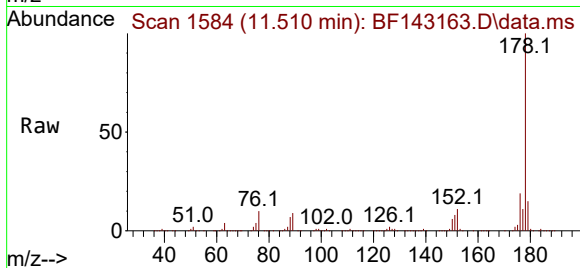
Tgt Ion:178 Resp: 1035532

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 43.143 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

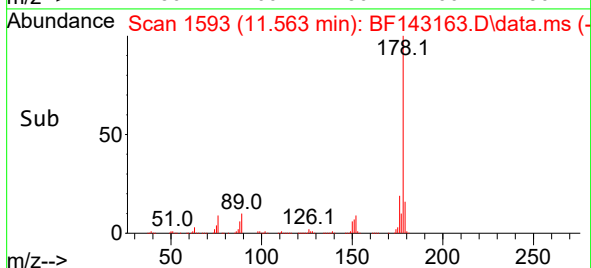
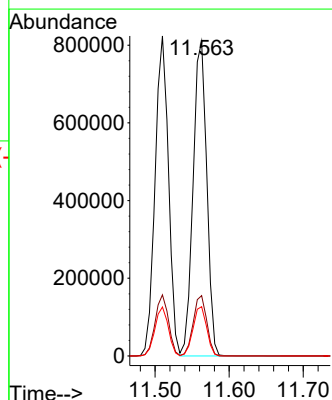
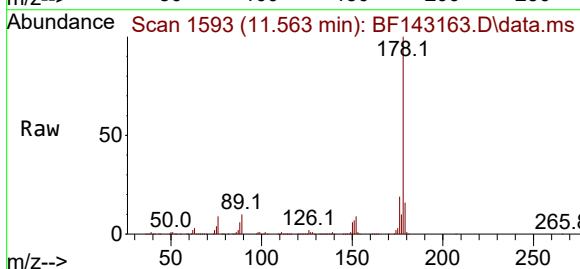
Tgt Ion:178 Resp: 1037171

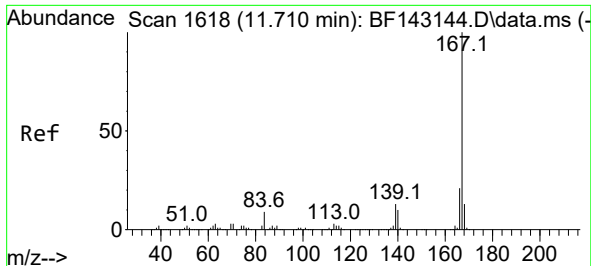
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 15.7 12.5 18.7

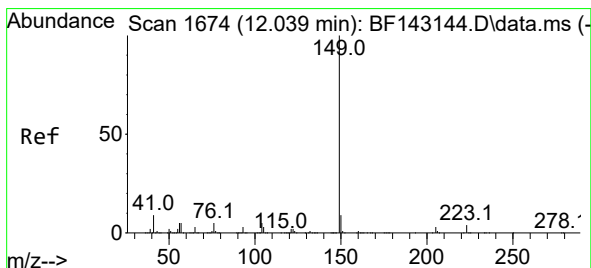
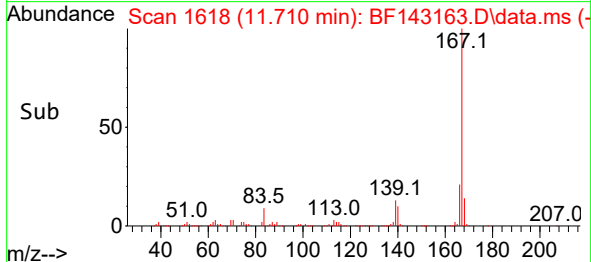
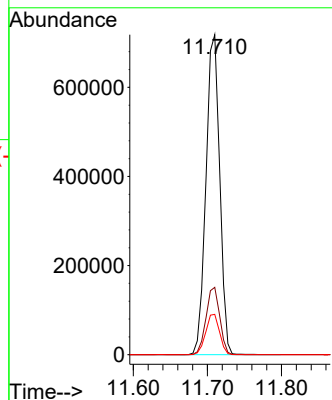
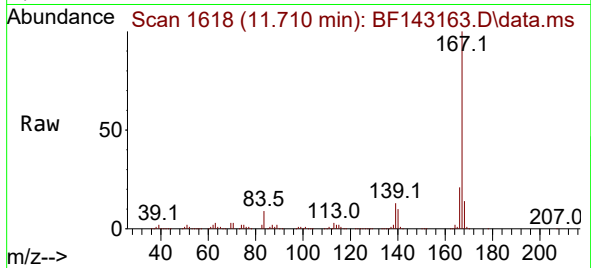




#73
 Carbazole
 Concen: 44.128 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

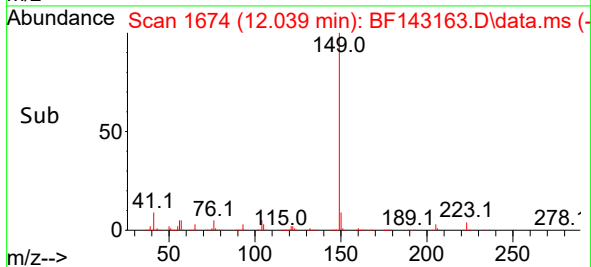
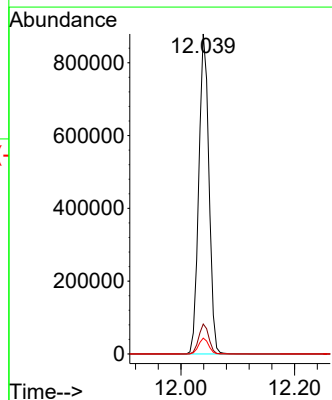
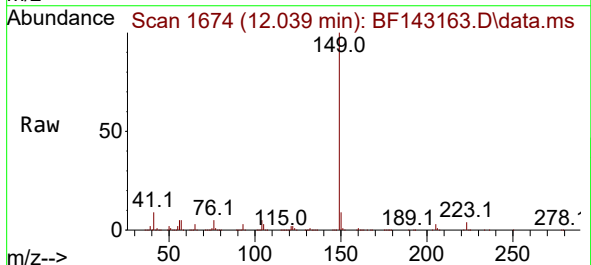
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BSD

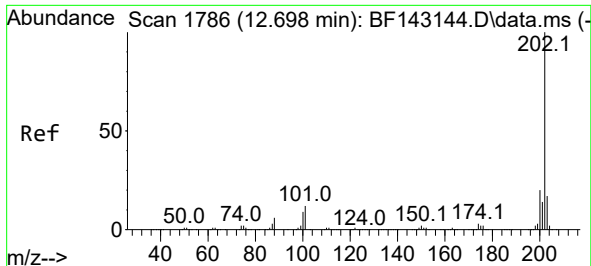
Tgt Ion:167 Resp: 926315
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 46.009 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

Tgt Ion:149 Resp: 1092806
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 3.8 5.8

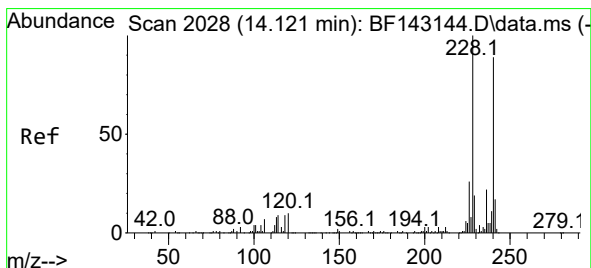
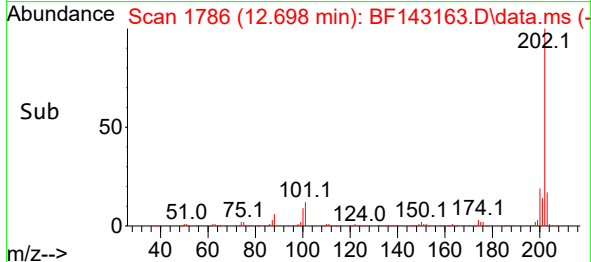
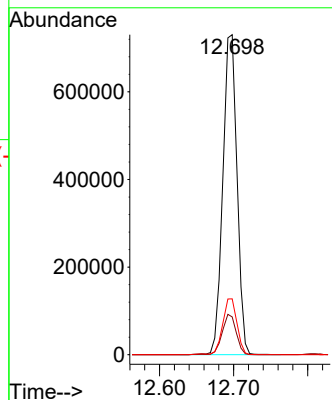
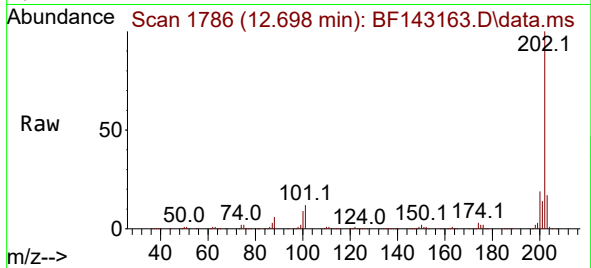




#75
Fluoranthene
Concen: 44.975 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

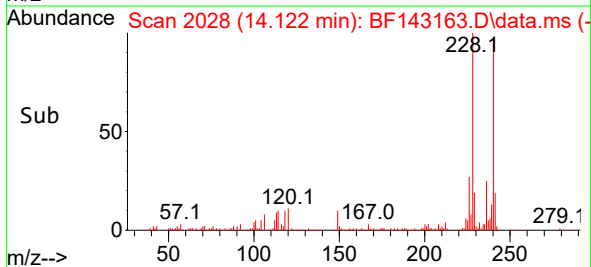
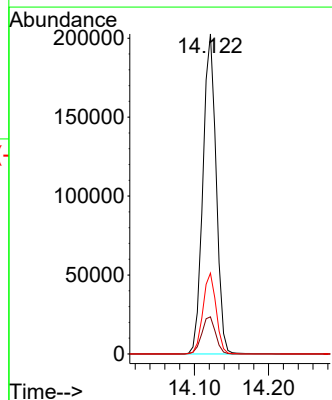
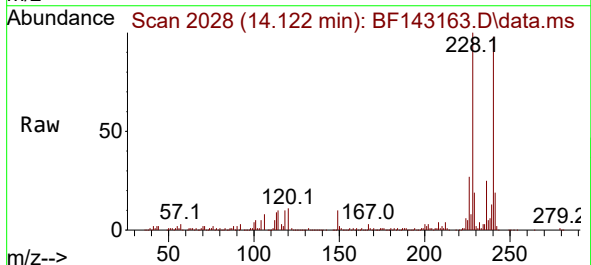
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

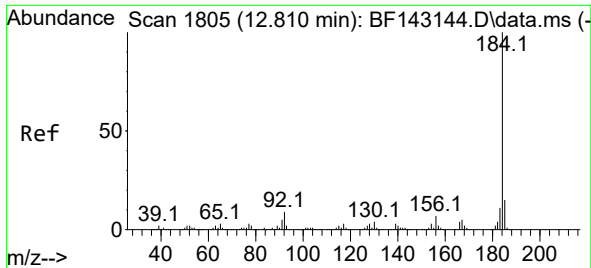
Tgt Ion:202 Resp: 973043
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:240 Resp: 252328
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.2 20.2 30.4

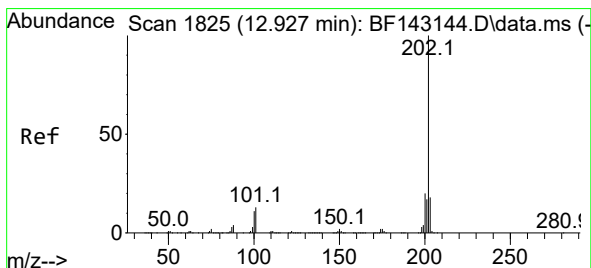
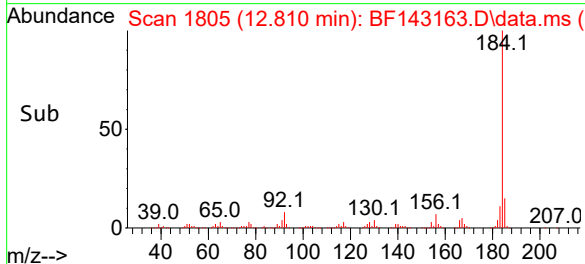
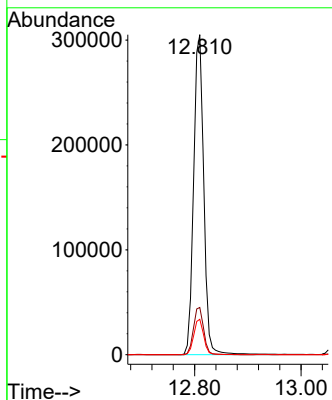
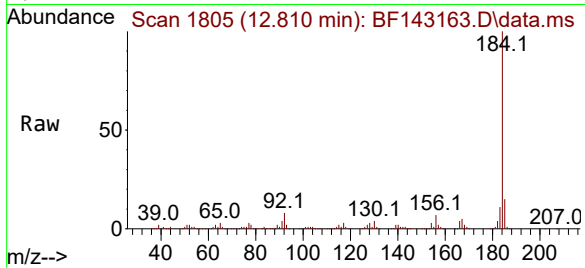




#77
Benzidine
Concen: 41.518 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

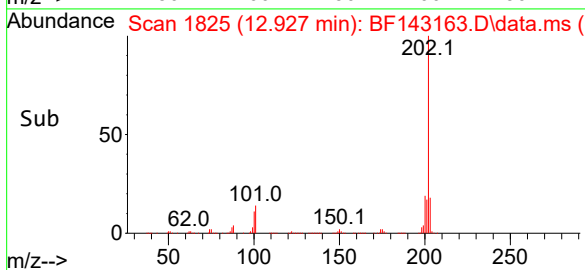
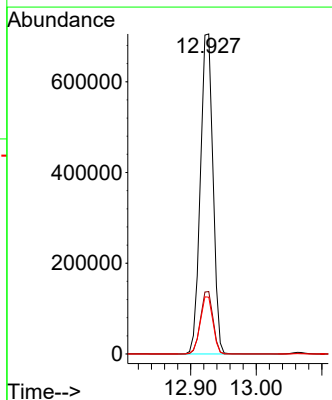
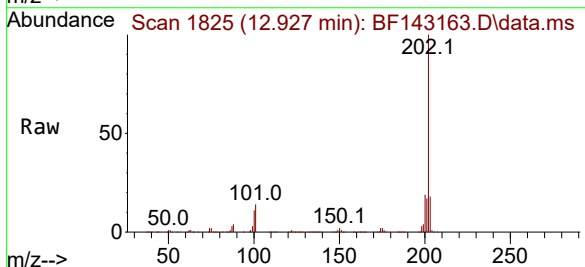
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

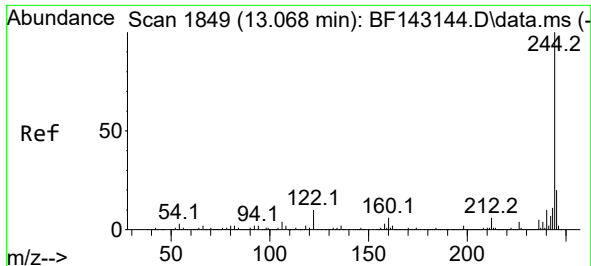
Tgt Ion:184 Resp: 403621
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 43.938 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:202 Resp: 946188
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 17.8 14.2 21.2

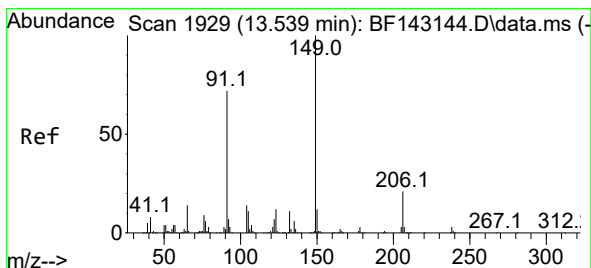
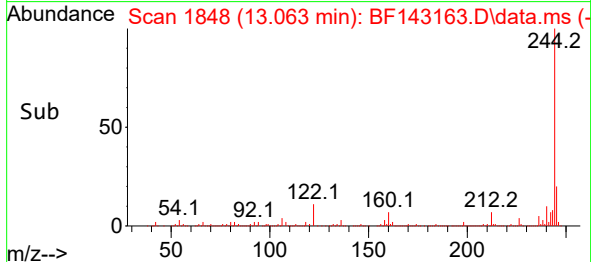
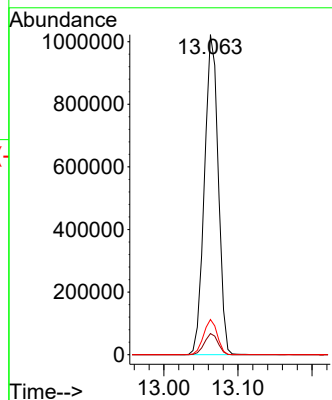
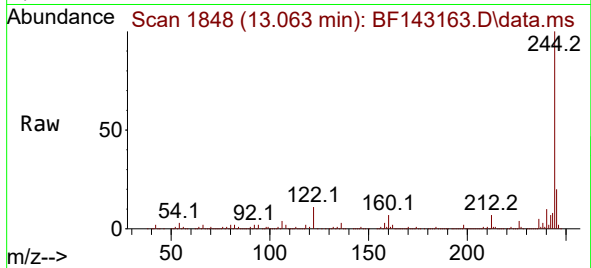




#79
 Terphenyl-d14
 Concen: 78.016 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

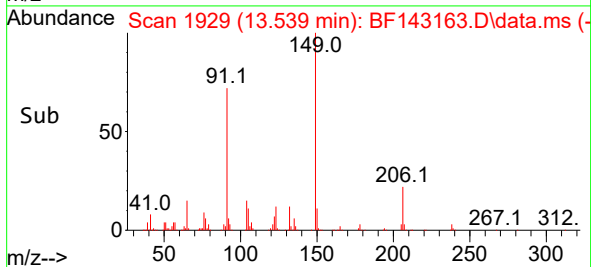
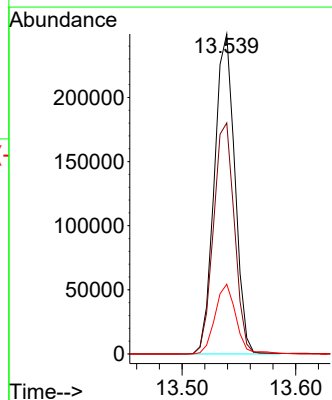
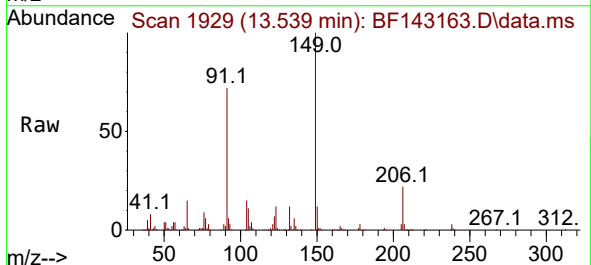
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BSD

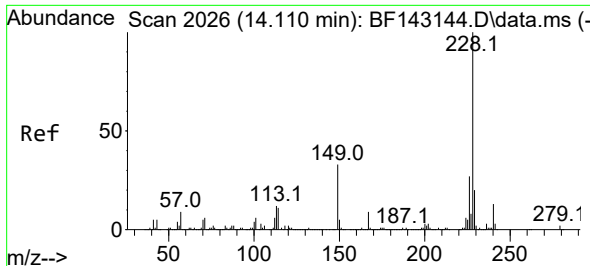
Tgt Ion:244 Resp: 1322859
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 11.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.354 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

Tgt Ion:149 Resp: 312264
 Ion Ratio Lower Upper
 149 100
 91 72.2 57.9 86.9
 206 21.8 17.0 25.4

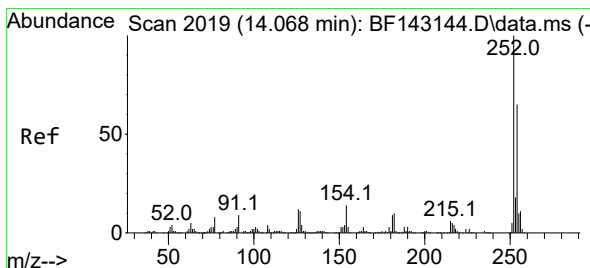
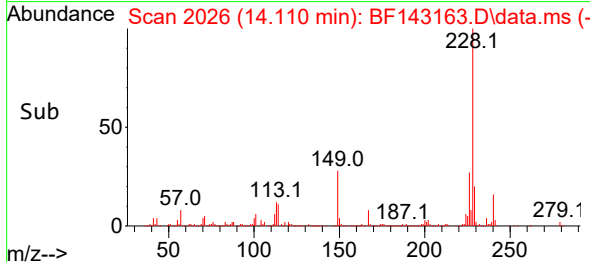
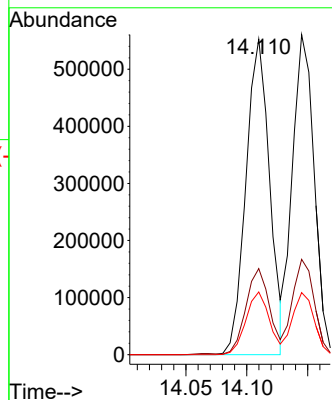
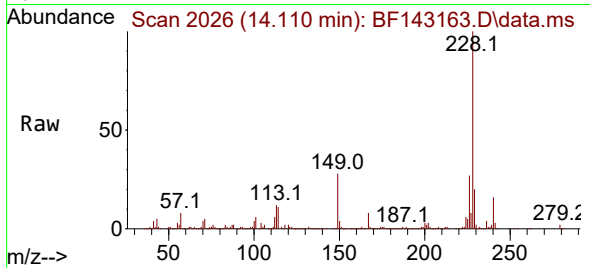




#81
Benzo(a)anthracene
Concen: 44.352 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

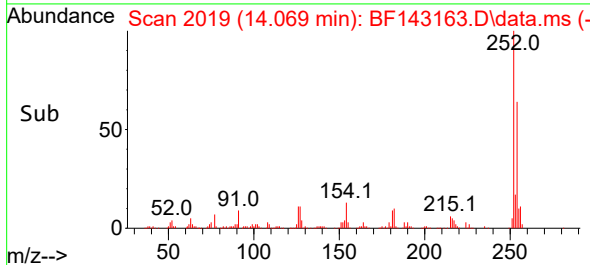
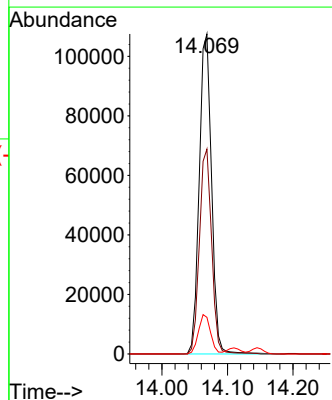
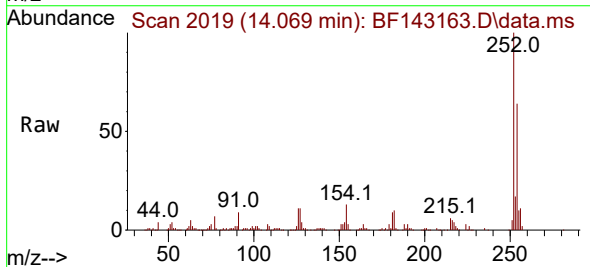
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

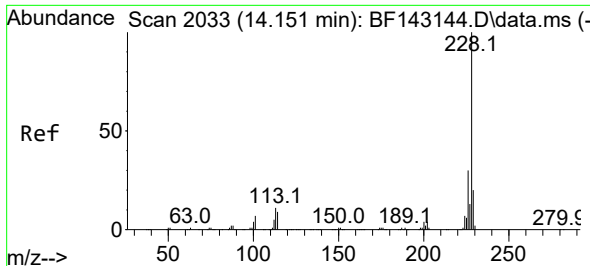
Tgt Ion:228 Resp: 749253
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 24.957 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:252 Resp: 140515
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 11.5 9.4 14.0

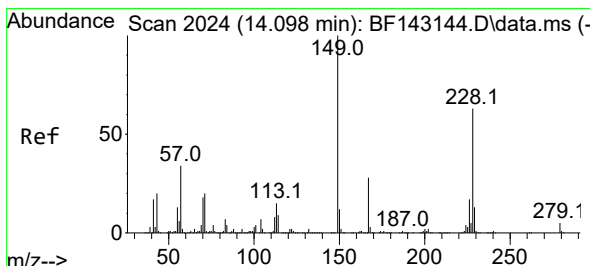
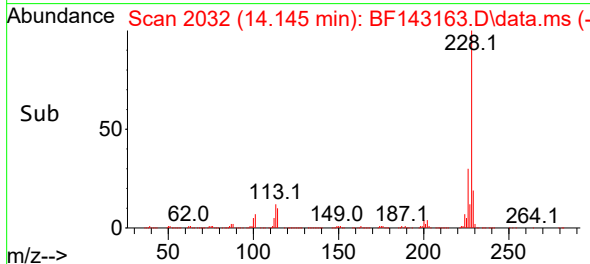
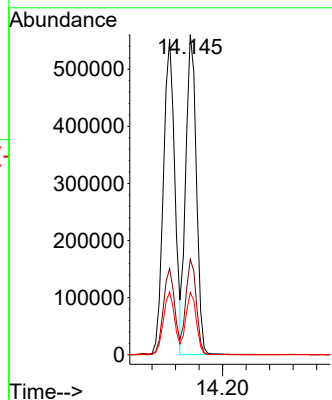
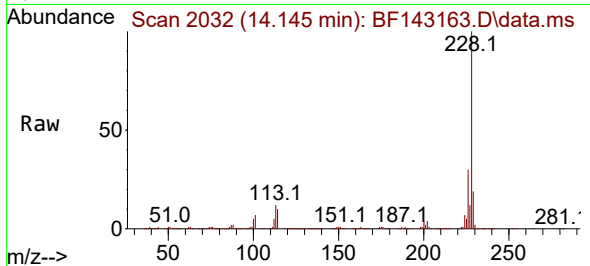




#83
Chrysene
Concen: 46.049 ng
RT: 14.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

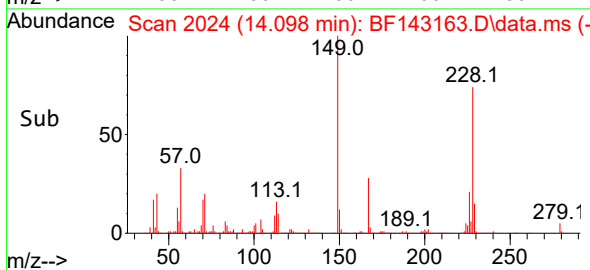
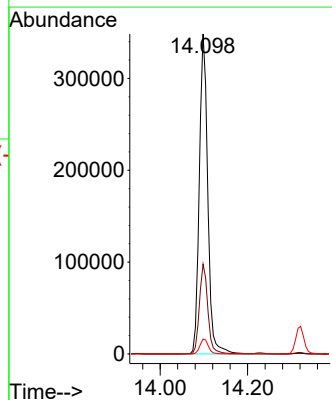
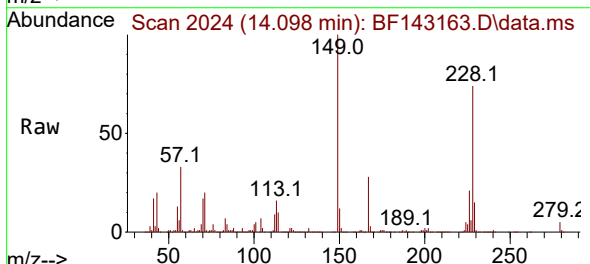
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

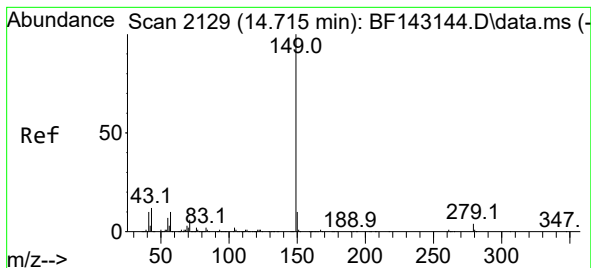
Tgt Ion:228 Resp: 699428
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.4 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.015 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:149 Resp: 469258
Ion Ratio Lower Upper
149 100
167 28.0 22.3 33.5
279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.761 ng

RT: 14.716 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

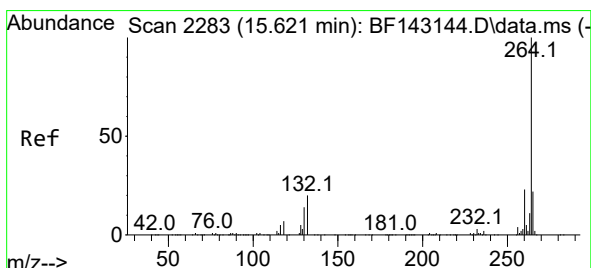
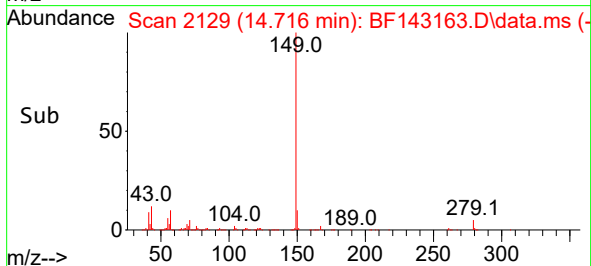
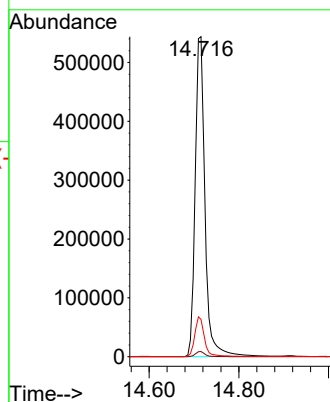
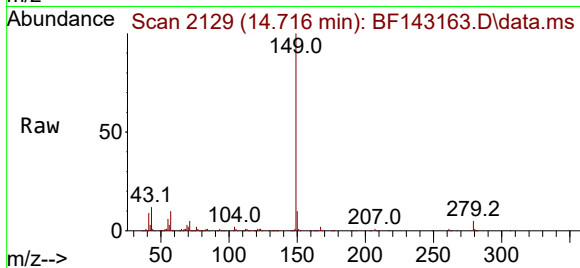
Tgt Ion:149 Resp: 827899

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.2 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: BF143163.D

Acq: 18 Jul 2025 13:22

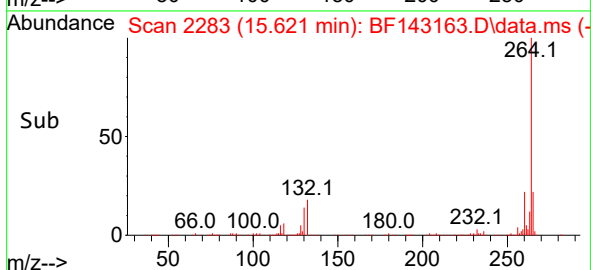
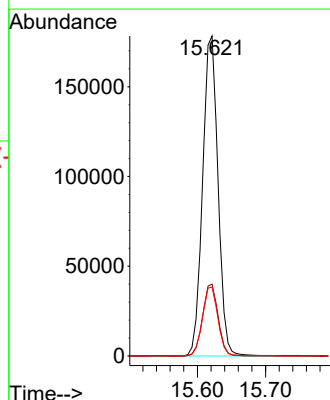
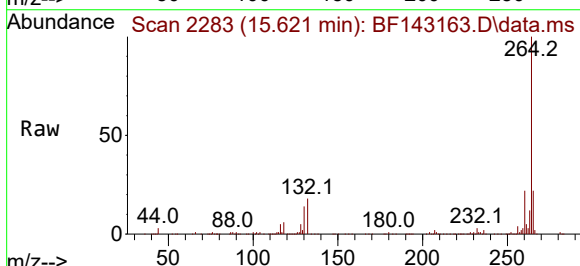
Tgt Ion:264 Resp: 280075

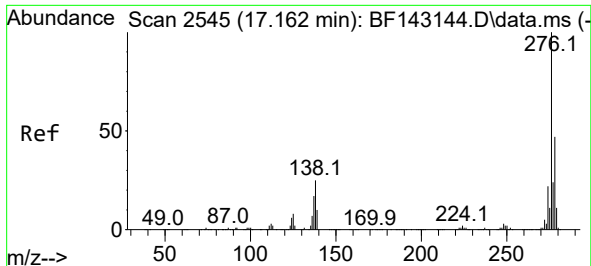
Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 21.5 17.4 26.2

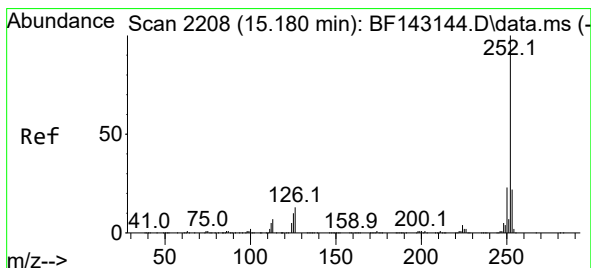
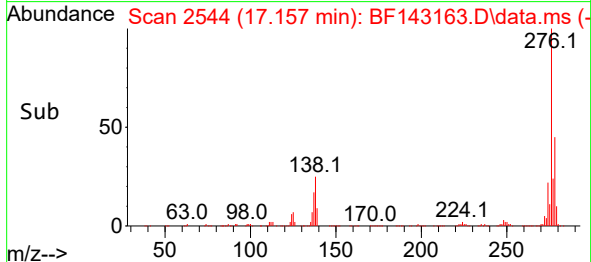
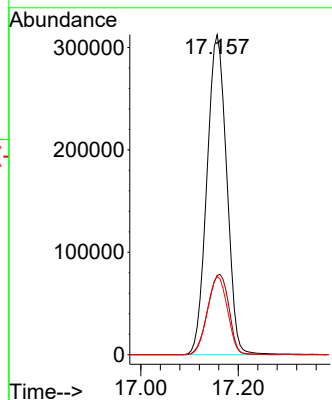
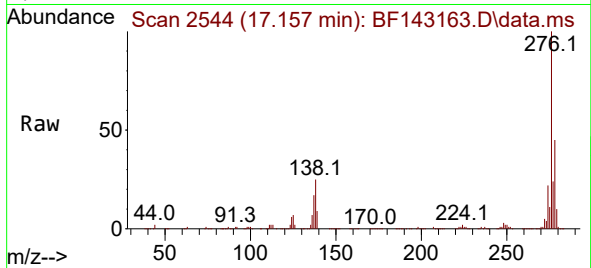




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.416 ng
 RT: 17.157 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

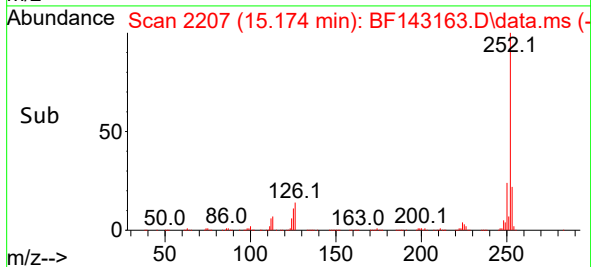
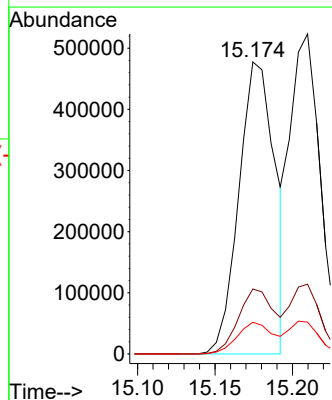
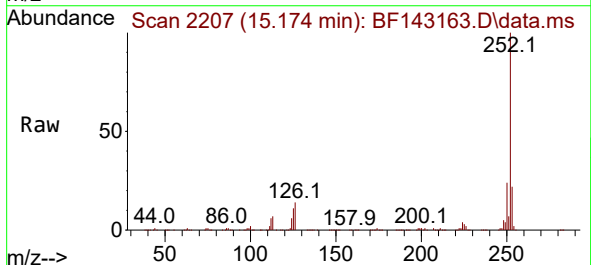
Instrument :
 BNA_F
 ClientSampleId :
 PB168904BSD

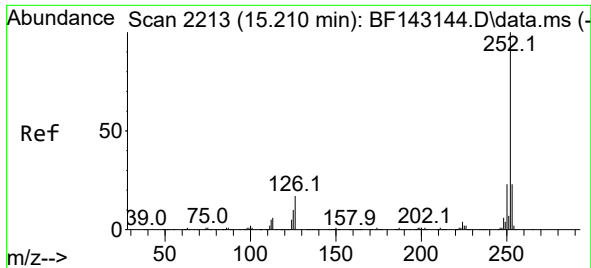
Tgt Ion:276 Resp: 877169
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.6
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.293 ng
 RT: 15.174 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF143163.D
 Acq: 18 Jul 2025 13:22

Tgt Ion:252 Resp: 774966
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.9 8.0 12.0

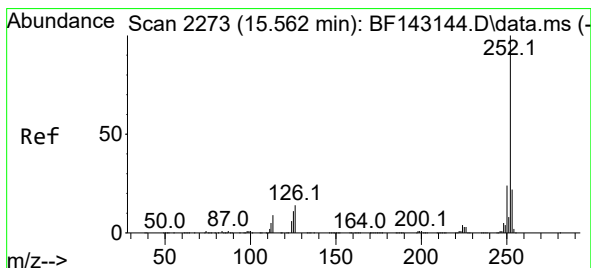
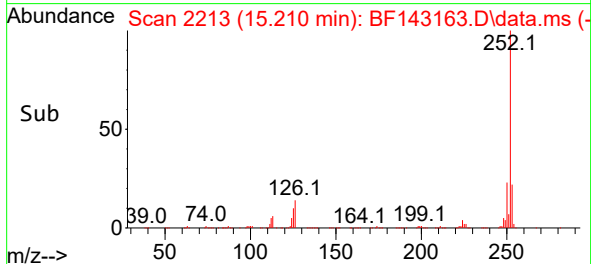
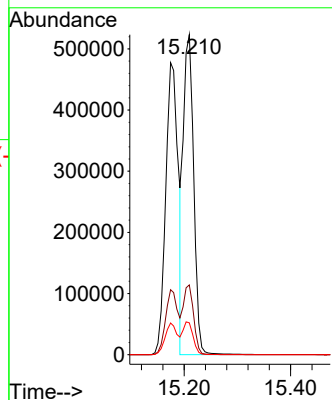
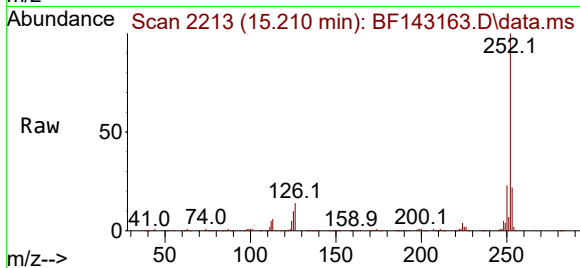




#89
Benzo(k)fluoranthene
Concen: 46.352 ng
RT: 15.210 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

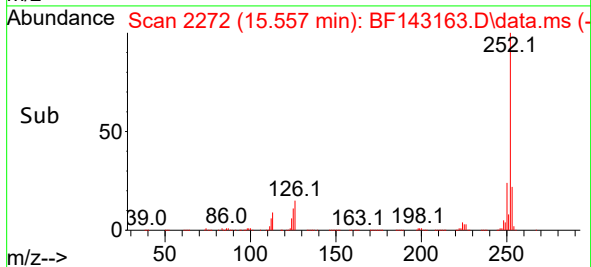
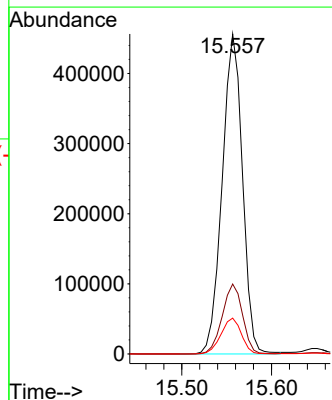
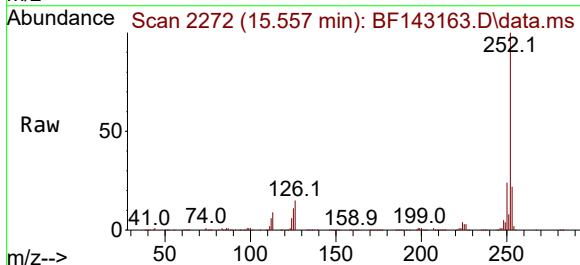
Instrument :
BNA_F
ClientSampleId :
PB168904BSD

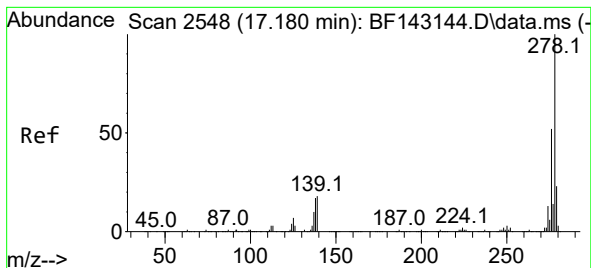
Tgt Ion:252 Resp: 707707
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 45.449 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143163.D
Acq: 18 Jul 2025 13:22

Tgt Ion:252 Resp: 716468
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 44.536 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Instrument :

BNA_F

ClientSampleId :

PB168904BSD

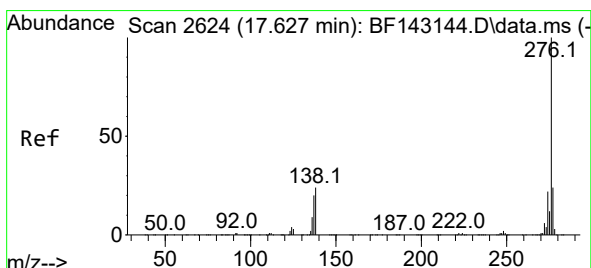
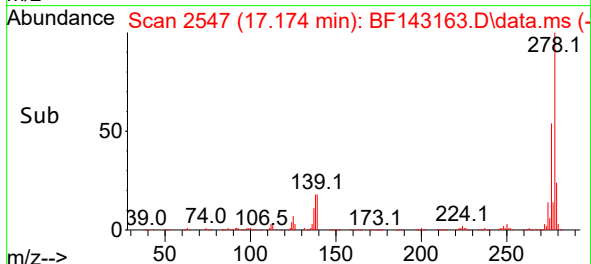
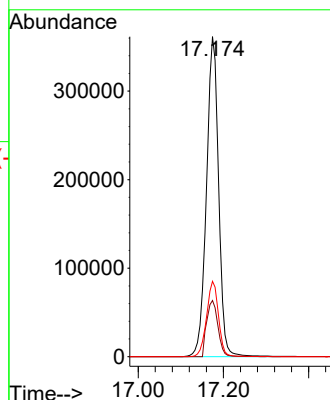
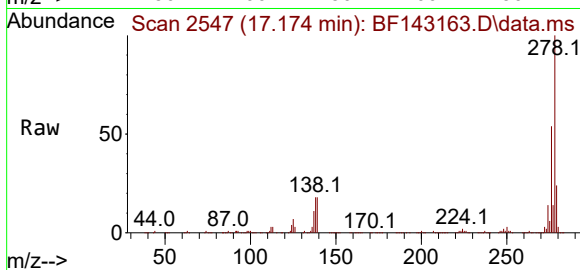
Tgt Ion:278 Resp: 715895

Ion Ratio Lower Upper

278 100

139 17.6 14.1 21.1

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.525 ng

RT: 17.621 min Scan# 2623

Delta R.T. -0.006 min

Lab File: BF143163.D

Acq: 18 Jul 2025 13:22

Tgt Ion:276 Resp: 692338

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 23.7 18.9 28.3

