

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143227.D
 Acq On : 24 Jul 2025 11:57
 Operator : RC/JU
 Sample : PB168983BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168983BS

Quant Time: Jul 24 12:43:35 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	118928	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	454070	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	233308	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	382635	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235441	20.000	ng	0.00
86) Perylene-d12	15.621	264	270750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	829255	110.341	ng	0.02
7) Phenol-d6	6.593	99	1039628	109.903	ng	0.00
23) Nitrobenzene-d5	7.522	82	705891	77.492	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	289067	119.935	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1306148	76.565	ng	0.00
79) Terphenyl-d14	13.063	244	1187870	75.079	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	123030	34.597	ng	98
3) Pyridine	3.640	79	343132	37.176	ng	98
4) n-Nitrosodimethylamine	3.587	42	200760	42.128	ng	98
6) Aniline	6.622	93	388627	29.478	ng	96
8) 2-Chlorophenol	6.751	128	339459	43.091	ng	97
9) Benzaldehyde	6.510	77	223491	31.508	ng	99
10) Phenol	6.604	94	436467	42.354	ng	94
11) bis(2-Chloroethyl)ether	6.693	93	328948	41.690	ng	99
12) 1,3-Dichlorobenzene	6.904	146	363863	42.519	ng	99
13) 1,4-Dichlorobenzene	6.981	146	370897	43.037	ng	99
14) 1,2-Dichlorobenzene	7.134	146	358905	43.786	ng	98
15) Benzyl Alcohol	7.098	79	315360	43.662	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608431	41.569	ng	99
17) 2-Methylphenol	7.210	107	286341	43.230	ng	98
18) Hexachloroethane	7.475	117	132586	44.441	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	253111	41.706	ng	100
20) 3+4-Methylphenols	7.357	107	340436	42.362	ng	# 85
22) Acetophenone	7.363	105	462863	43.056	ng	95
24) Nitrobenzene	7.540	77	380553	44.810	ng	99
25) Isophorone	7.775	82	694391	43.181	ng	100
26) 2-Nitrophenol	7.857	139	185650	50.369	ng	98
27) 2,4-Dimethylphenol	7.892	122	319797	42.565	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	409567	42.479	ng	98
29) 2,4-Dichlorophenol	8.098	162	278875	44.014	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	303327	44.313	ng	99
31) Naphthalene	8.263	128	979294	43.792	ng	100
32) Benzoic acid	7.998	122	210526	49.556	ng	99
33) 4-Chloroaniline	8.304	127	101760	11.144	ng	99
34) Hexachlorobutadiene	8.387	225	190144	45.473	ng	99
35) Caprolactam	8.669	113	66513	34.739	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	308262	44.762	ng	100
37) 2-Methylnaphthalene	8.957	142	597076	43.877	ng	100
38) 1-Methylnaphthalene	9.057	142	620464	44.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	296491	44.017	ng	98
41) Hexachlorocyclopentadiene	9.116	237	407999	93.090	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	207510	44.513	ng	99

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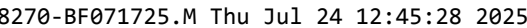
Instrument :
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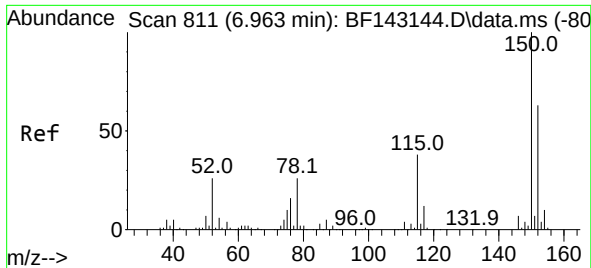
Quant Time: Jul 24 12:43:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	214331	45.962	ng	98
46) 1,1'-Biphenyl	9.416	154	816107	44.835	ng	99
47) 2-Chloronaphthalene	9.445	162	596622	44.297	ng	99
48) 2-Nitroaniline	9.534	65	199467	47.225	ng	98
49) Acenaphthylene	9.863	152	1006432	44.589	ng	100
50) Dimethylphthalate	9.716	163	696812	45.820	ng	99
51) 2,6-Dinitrotoluene	9.775	165	151768	49.057	ng	98
52) Acenaphthene	10.033	154	640438	48.006	ng	99
53) 3-Nitroaniline	9.939	138	91490	25.283	ng	97
54) 2,4-Dinitrophenol	10.045	184	155357	108.235	ng	# 1
55) Dibenzofuran	10.204	168	870479	43.949	ng	99
56) 4-Nitrophenol	10.098	139	255673	94.619	ng	100
57) 2,4-Dinitrotoluene	10.181	165	204486	52.684	ng	94
58) Fluorene	10.545	166	656116	44.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	167088	43.256	ng	100
60) Diethylphthalate	10.416	149	702025	46.704	ng	99
61) 4-Chlorophenyl-phenylether	10.539	204	334920	45.247	ng	99
62) 4-Nitroaniline	10.557	138	149287	48.137	ng	99
63) Azobenzene	10.698	77	690470	44.074	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	104899	51.811	ng	98
66) n-Nitrosodiphenylamine	10.651	169	592170	43.950	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	203371	44.599	ng	99
68) Hexachlorobenzene	11.098	284	214202	44.942	ng	99
69) Atrazine	11.175	200	184737	49.733	ng	99
70) Pentachlorophenol	11.286	266	183509	65.471	ng	99
71) Phenanthrene	11.510	178	912890	44.933	ng	100
72) Anthracene	11.563	178	924957	44.639	ng	100
73) Carbazole	11.710	167	820057	45.324	ng	99
74) Di-n-butylphthalate	12.039	149	1004485	49.065	ng	100
75) Fluoranthene	12.698	202	890477	47.752	ng	99
77) Benzidine	12.810	184	357835	39.449	ng	99
78) Pyrene	12.927	202	877671	43.679	ng	99
80) Butylbenzylphthalate	13.539	149	349214	56.755	ng	98
81) Benzo(a)anthracene	14.110	228	712109	45.177	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	110645	21.061	ng	100
83) Chrysene	14.151	228	672510	47.453	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	480670	51.612	ng	98
85) Di-n-octyl phthalate	14.710	149	836921	49.577	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	887527	46.488	ng	98
88) Benzo(b)fluoranthene	15.180	252	800706	48.409	ng	99
89) Benzo(k)fluoranthene	15.210	252	643075	43.569	ng	100
90) Benzo(a)pyrene	15.563	252	716707	47.030	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	714891	46.006	ng	99
92) Benzo(g,h,i)perylene	17.633	276	711130	47.309	ng	99

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

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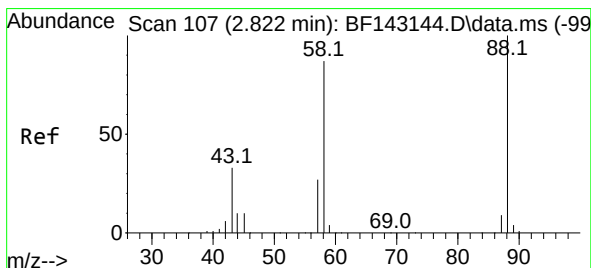
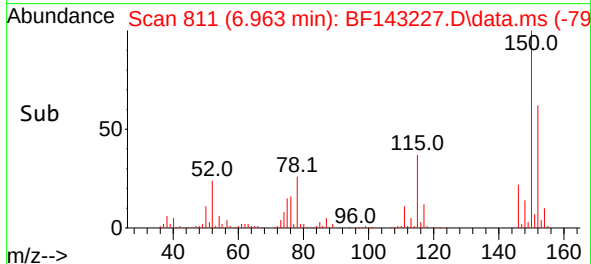
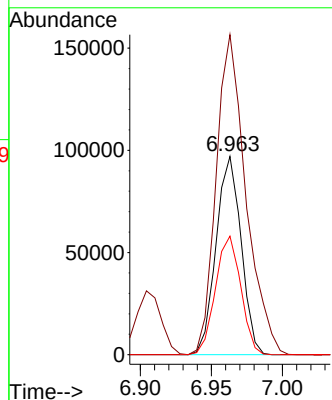
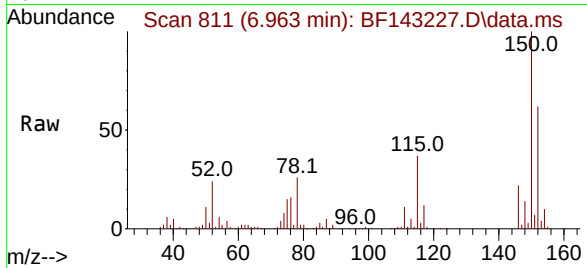




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

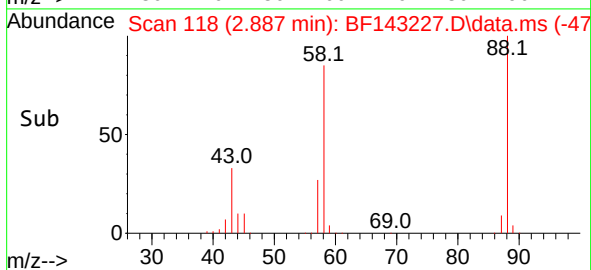
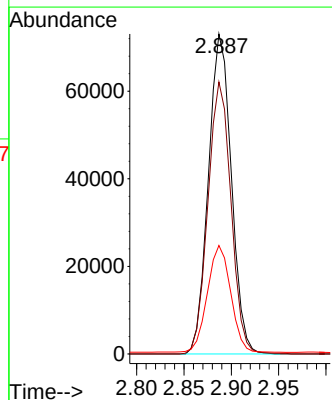
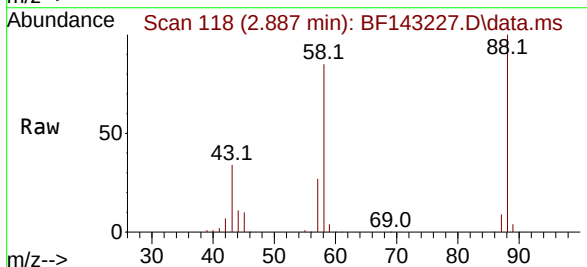
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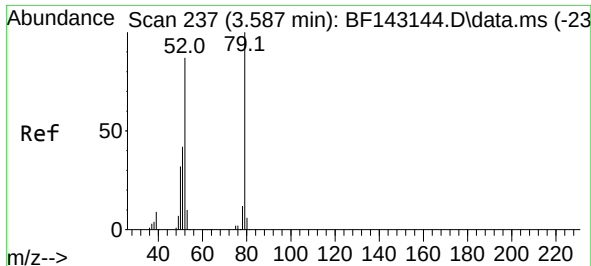
Tgt Ion:152 Resp: 118928
 Ion Ratio Lower Upper
 152 100
 150 161.4 128.2 192.4
 115 59.8 47.9 71.9



#2
 1,4-Dioxane
 Concen: 34.597 ng
 RT: 2.887 min Scan# 118
 Delta R.T. 0.065 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

Tgt Ion: 88 Resp: 123030
 Ion Ratio Lower Upper
 88 100
 58 85.5 70.2 105.2
 43 34.1 27.1 40.7

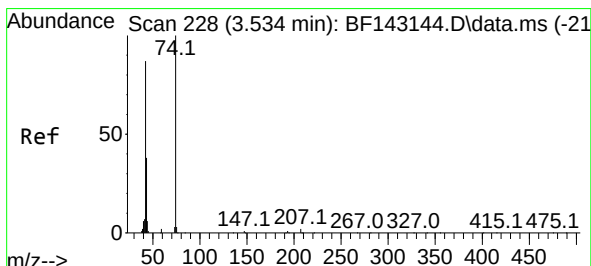
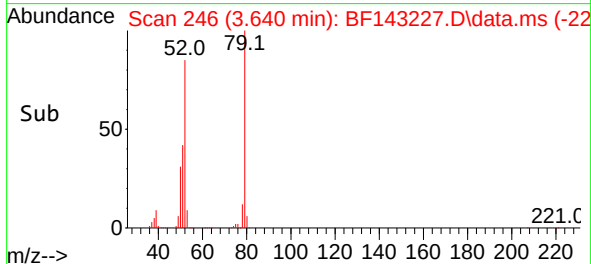
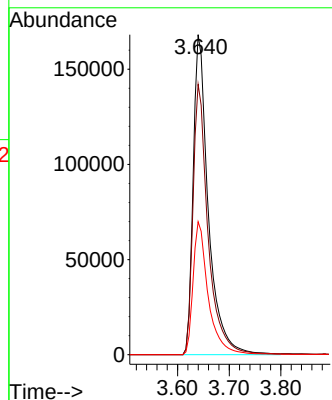
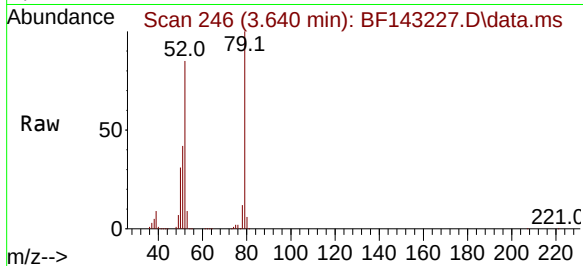




#3
Pyridine
Concen: 37.176 ng
RT: 3.640 min Scan# 24
Delta R.T. 0.053 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

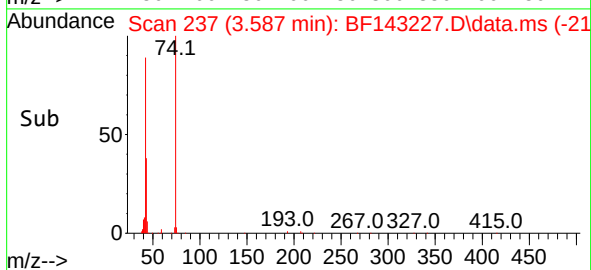
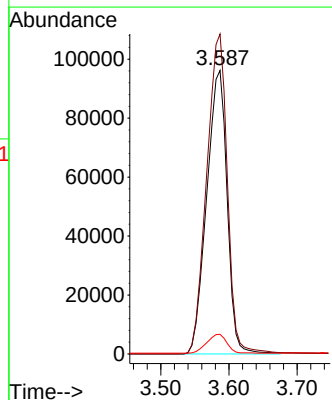
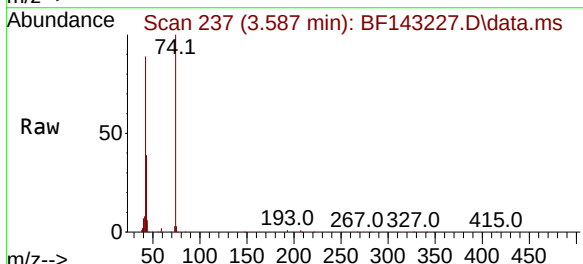
Instrument :
BNA_F
ClientSampleId :
PB168983BS

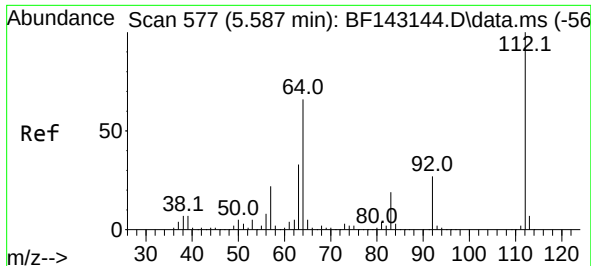
Tgt Ion: 79 Resp: 343132
Ion Ratio Lower Upper
79 100
52 84.5 69.4 104.2
51 41.5 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 42.128 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.053 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 42 Resp: 200760
Ion Ratio Lower Upper
42 100
74 112.8 91.7 137.5
44 6.9 5.6 8.4

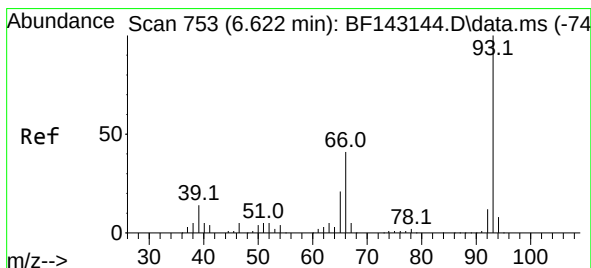
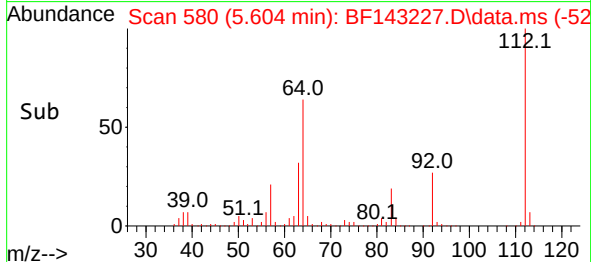
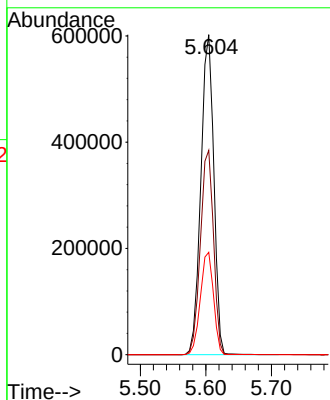
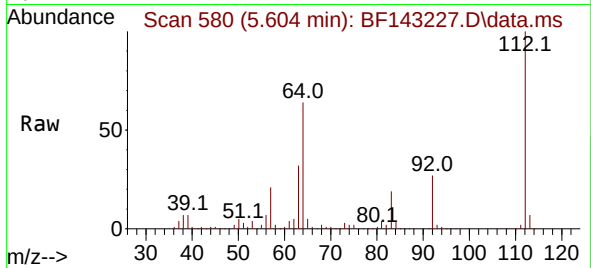




#5
2-Fluorophenol
Concen: 110.341 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

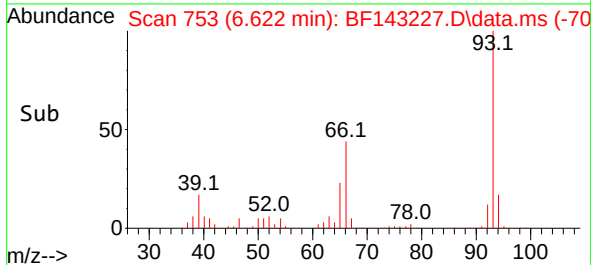
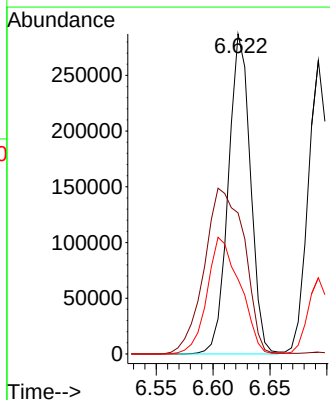
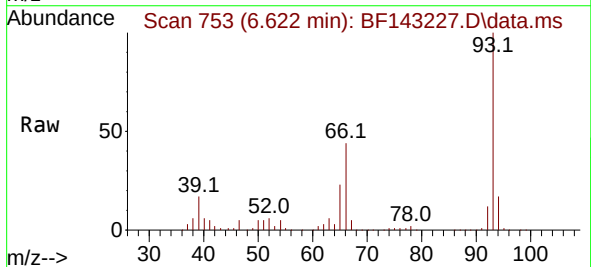
Instrument :
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ClientSampleId :
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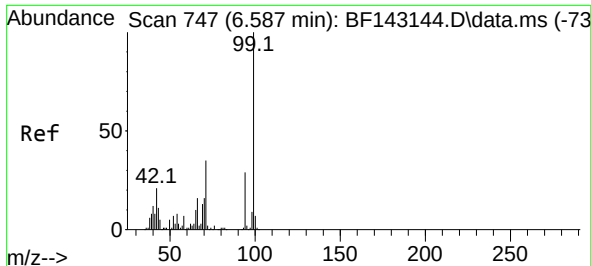
Tgt Ion:112 Resp: 829255
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.0 26.6 40.0



#6
Aniline
Concen: 29.478 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 93 Resp: 388627
Ion Ratio Lower Upper
93 100
66 44.1 33.2 49.8
65 23.4 16.9 25.3



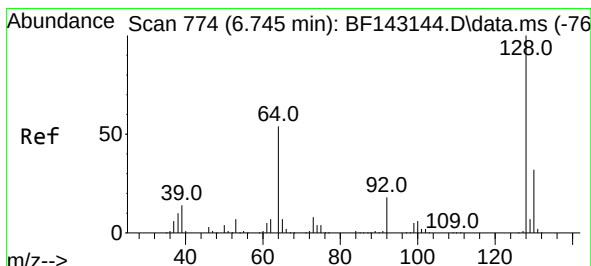
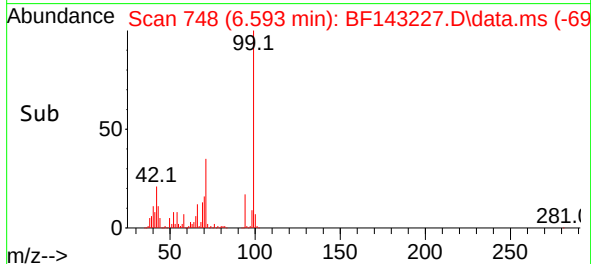
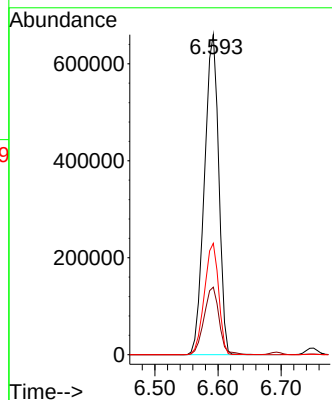
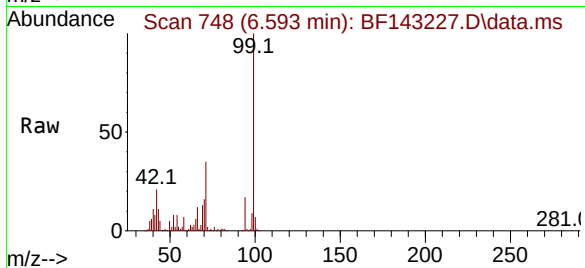


#7
Phenol-d6
Concen: 109.903 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Tgt Ion: 99 Resp: 1039628

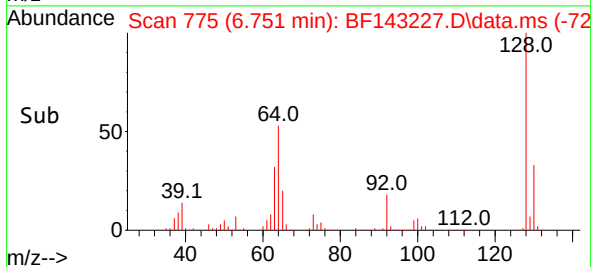
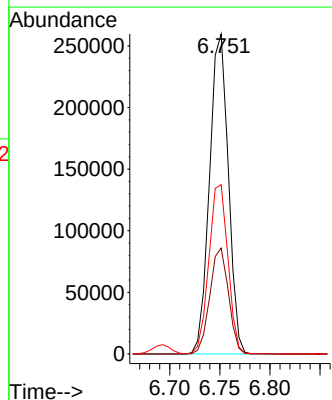
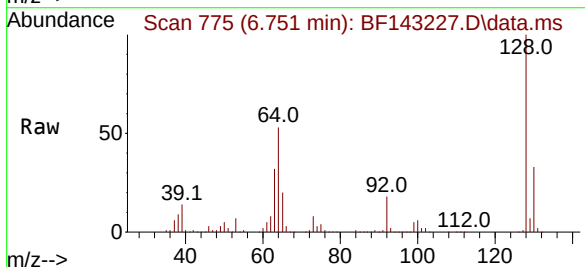
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	34.8	27.7	41.5

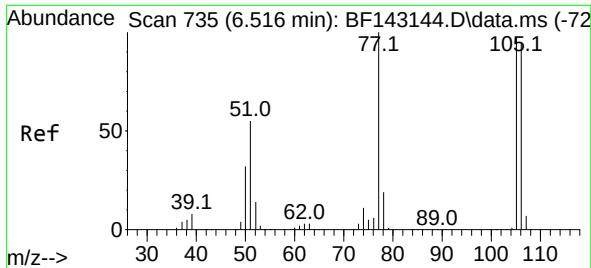


#8
2-Chlorophenol
Concen: 43.091 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:128 Resp: 339459

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	52.9	35.9	75.9

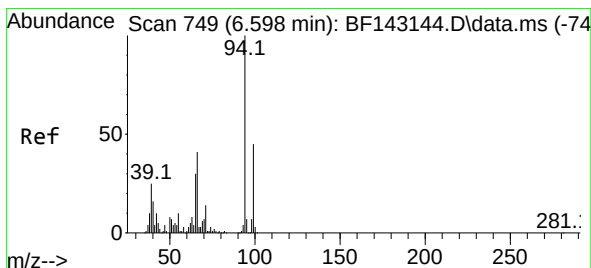
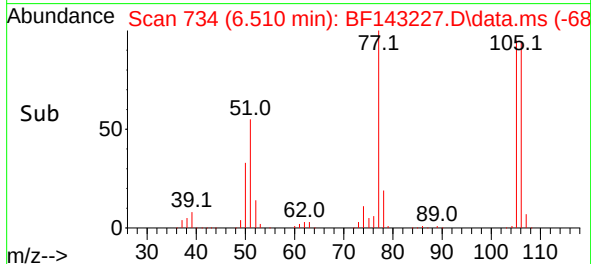
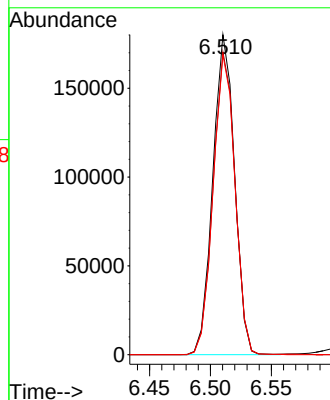
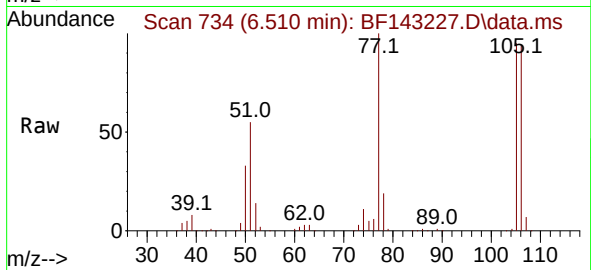




#9
Benzaldehyde
Concen: 31.508 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

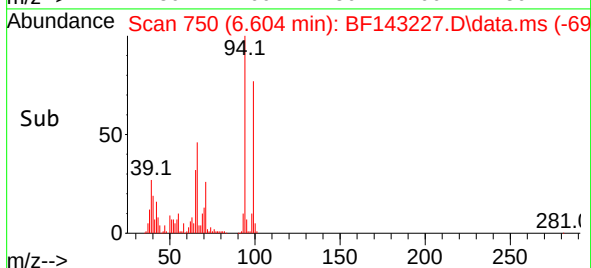
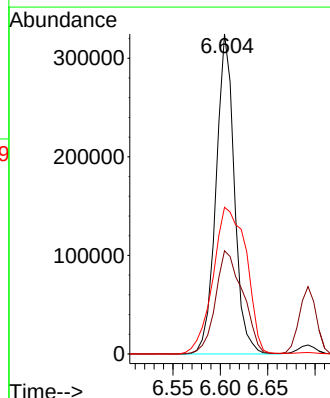
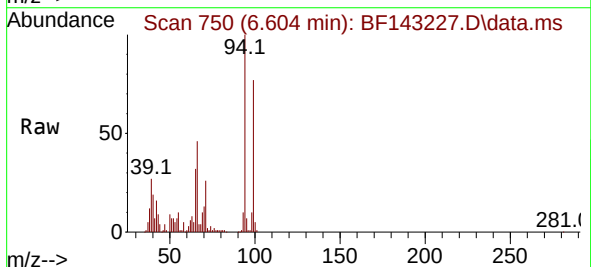
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BNA_F
ClientSampleId :
PB168983BS

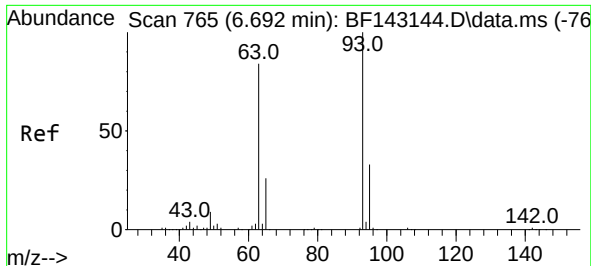
Tgt Ion: 77 Resp: 223491
Ion Ratio Lower Upper
77 100
105 94.6 76.8 116.8
106 93.7 74.4 114.4



#10
Phenol
Concen: 42.354 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 94 Resp: 436467
Ion Ratio Lower Upper
94 100
65 32.2 10.0 50.0
66 45.8 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 41.690 ng

RT: 6.693 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

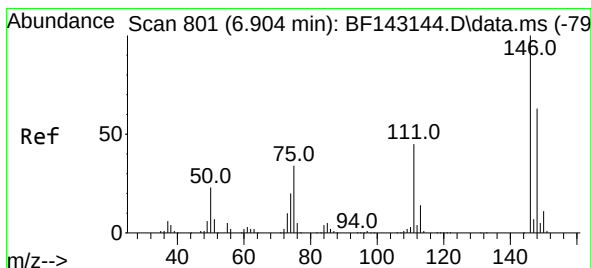
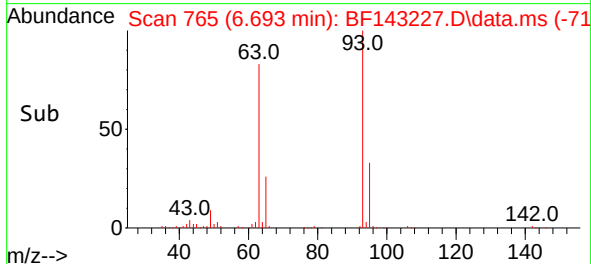
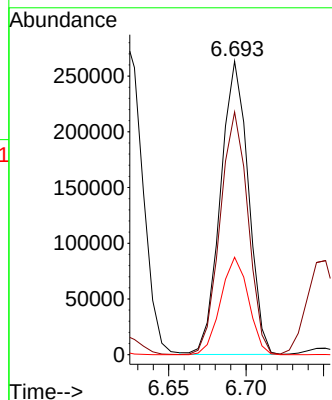
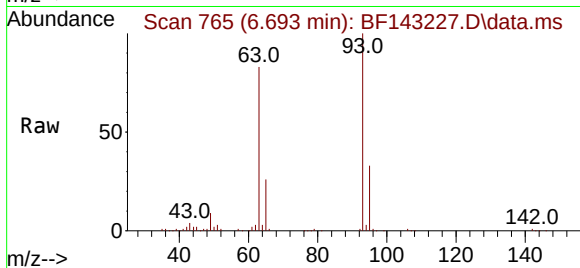
Tgt Ion: 93 Resp: 328948

Ion Ratio Lower Upper

93 100

63 82.7 63.4 103.4

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.519 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

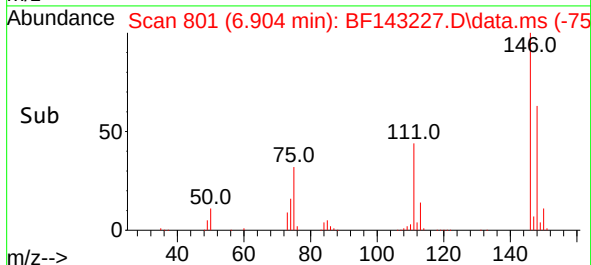
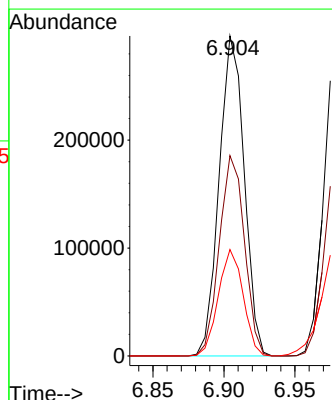
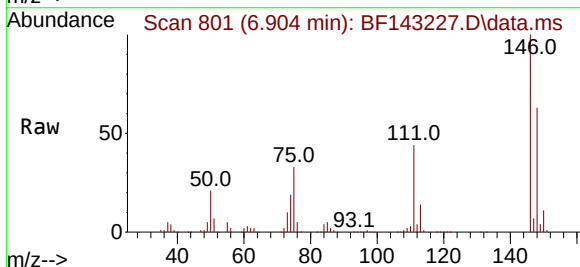
Tgt Ion:146 Resp: 363863

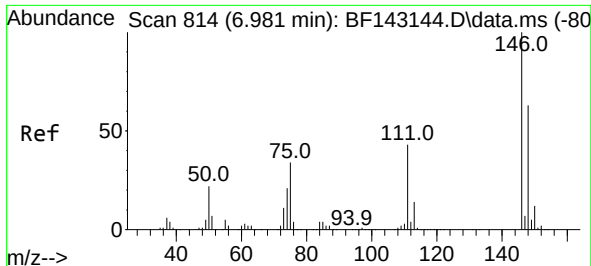
Ion Ratio Lower Upper

146 100

148 62.6 50.6 76.0

75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.037 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

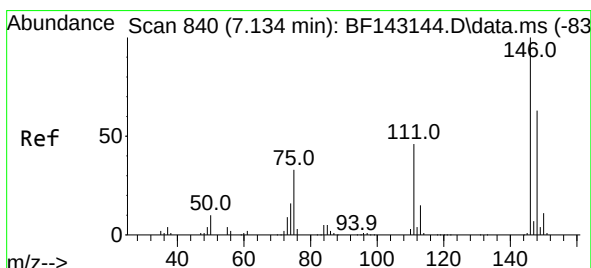
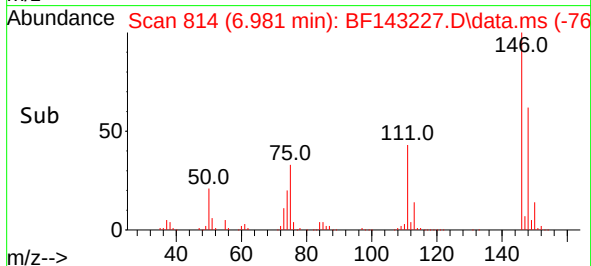
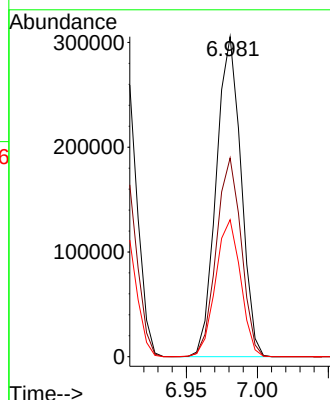
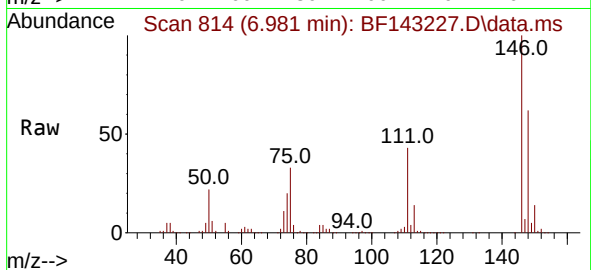
Tgt Ion:146 Resp: 370897

Ion Ratio Lower Upper

146 100

148 62.1 50.3 75.5

111 42.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 43.786 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

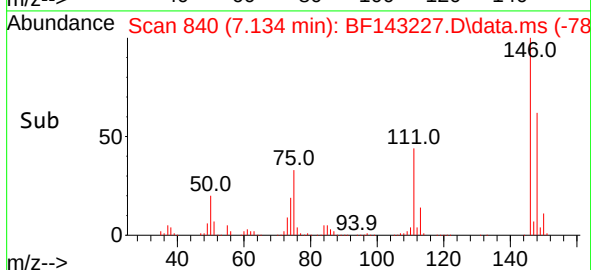
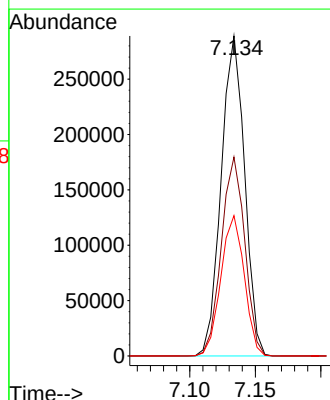
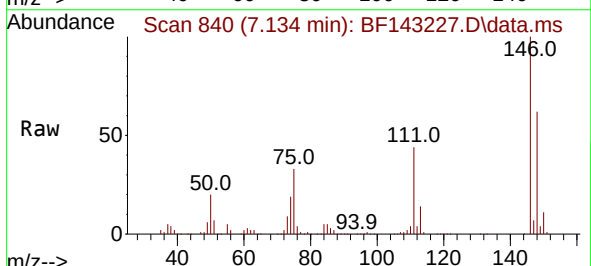
Tgt Ion:146 Resp: 358905

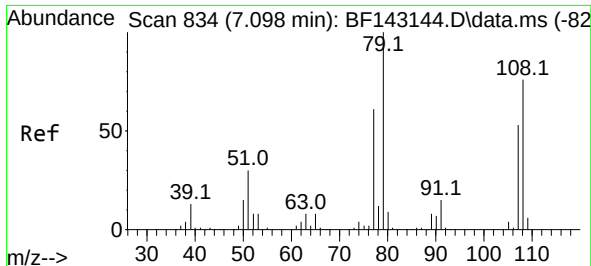
Ion Ratio Lower Upper

146 100

148 62.1 50.7 76.1

111 43.9 36.6 54.8

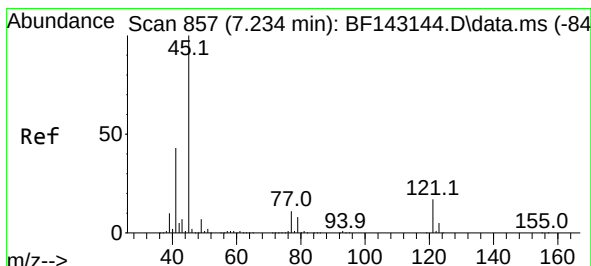
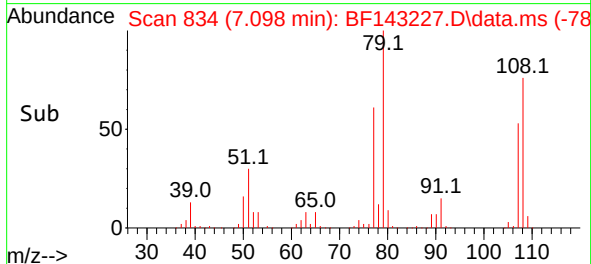
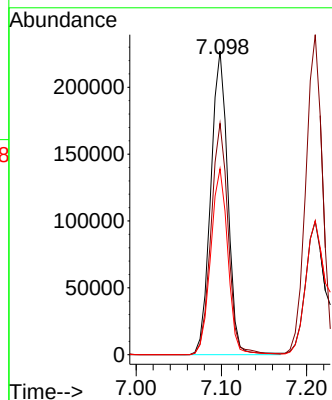
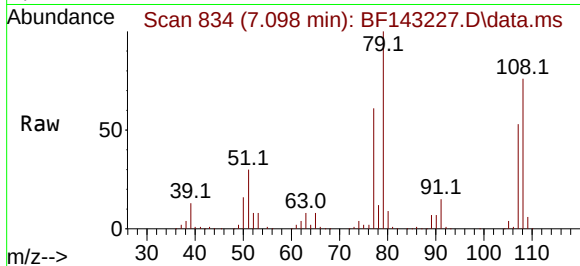




#15
Benzyl Alcohol
Concen: 43.662 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

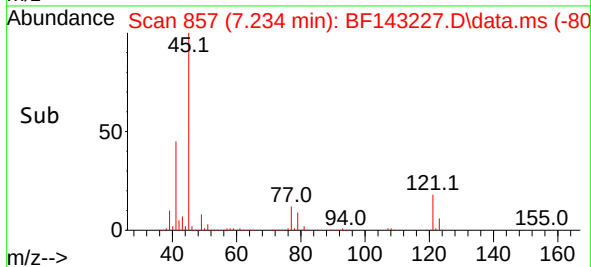
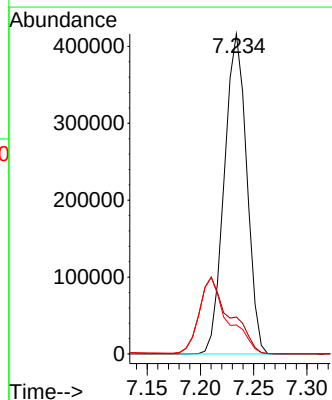
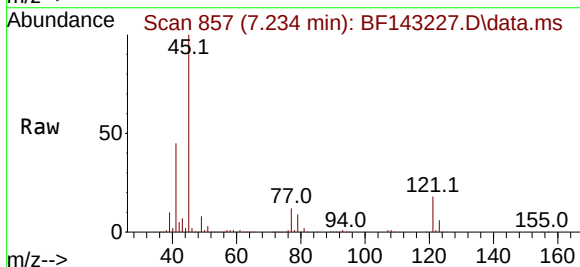
Instrument :
BNA_F
ClientSampleId :
PB168983BS

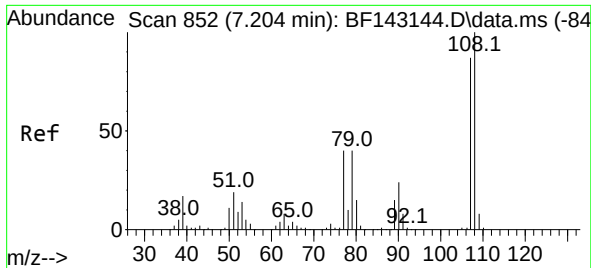
Tgt Ion: 79 Resp: 315360
Ion Ratio Lower Upper
79 100
108 76.3 61.1 91.7
77 61.3 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.569 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 45 Resp: 608431
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 9.1 0.0 28.5

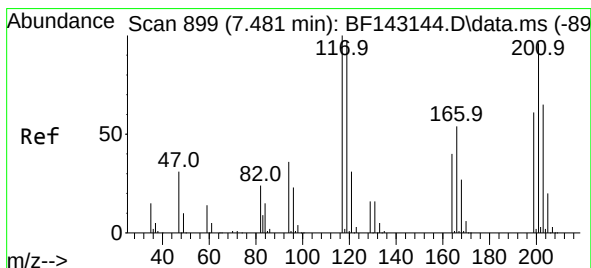
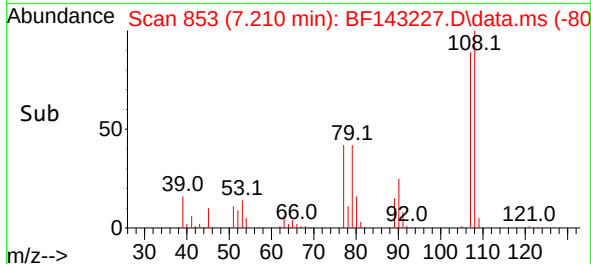
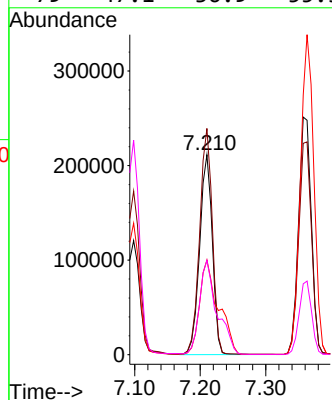
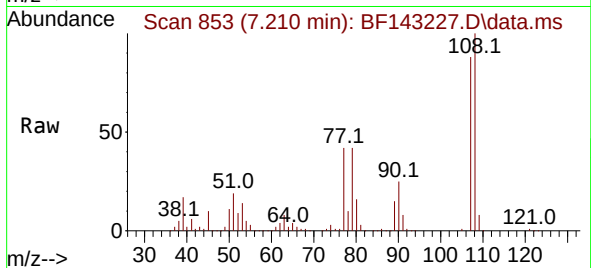




#17
2-Methylphenol
Concen: 43.230 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

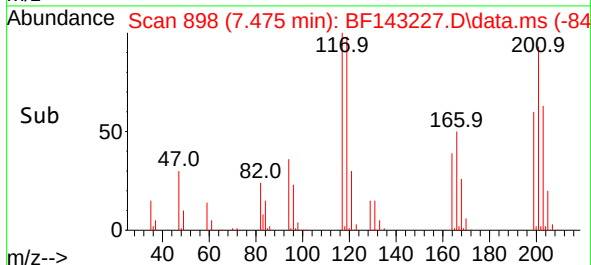
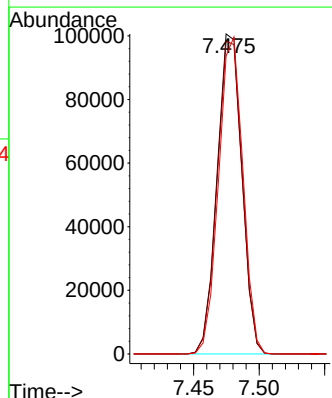
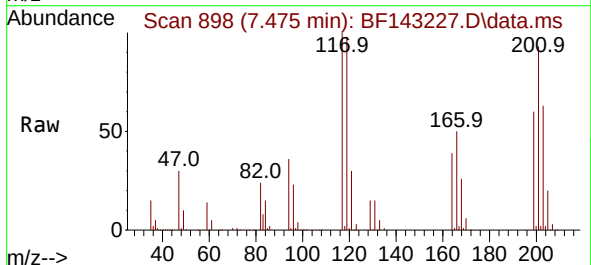
Instrument :
BNA_F
ClientSampleId :
PB168983BS

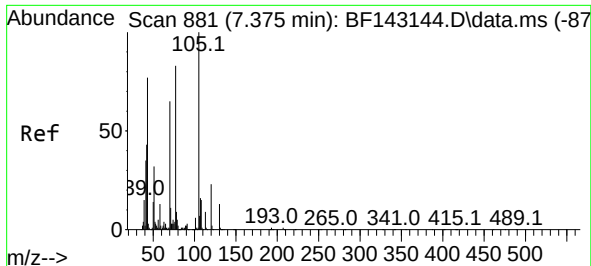
Tgt Ion:	107	Resp:	286341
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.8	137.6
77	47.3	37.0	55.6
79	47.1	36.9	55.3



#18
Hexachloroethane
Concen: 44.441 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:	117	Resp:	132586
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.8	116.8
201	93.2	77.0	115.4

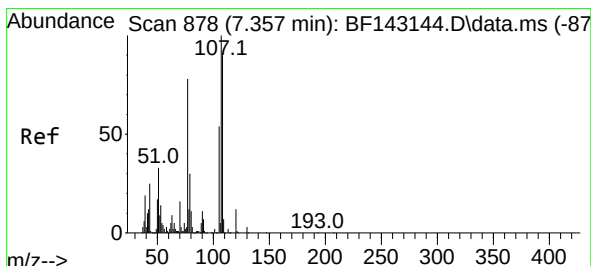
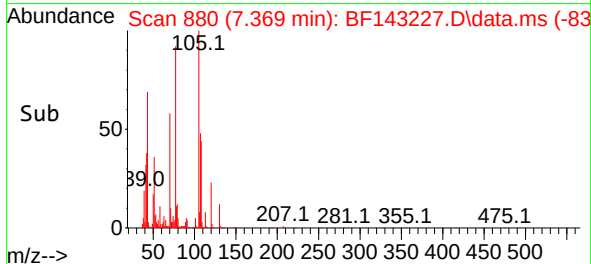
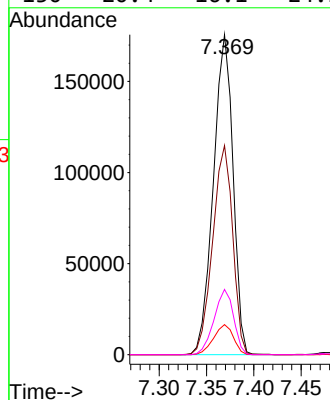
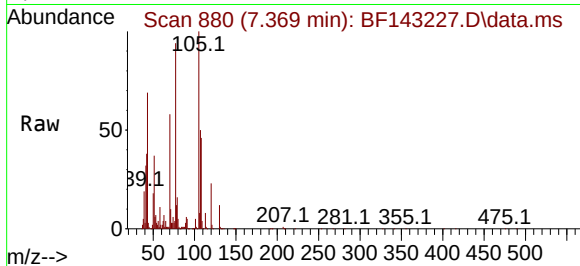




#19
n-Nitroso-di-n-propylamine
Concen: 41.706 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

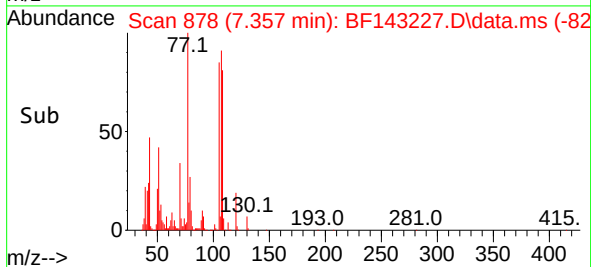
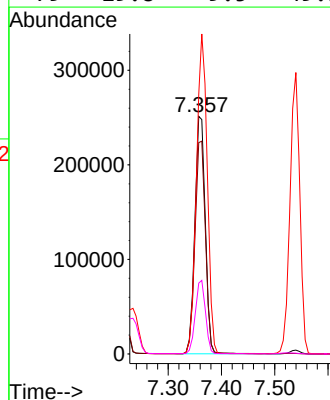
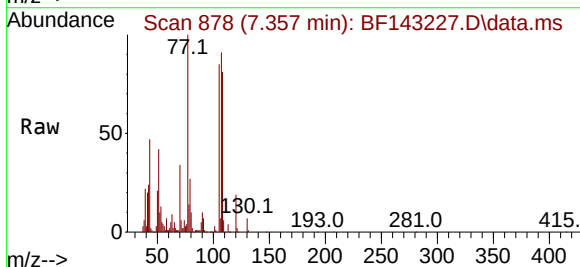
Instrument :
BNA_F
ClientSampleId :
PB168983BS

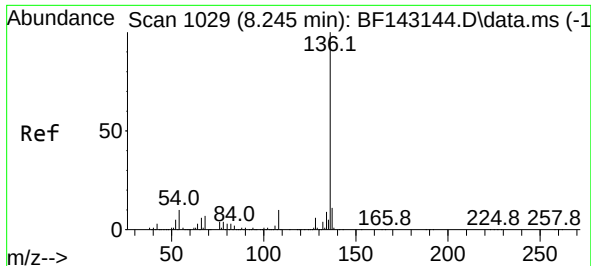
Tgt Ion:	70	Resp:	253111
Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.5	78.7
101	9.4	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.362 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:	107	Resp:	340436
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.0	110.0
77	109.3	57.8	97.8#
79	29.8	9.5	49.5

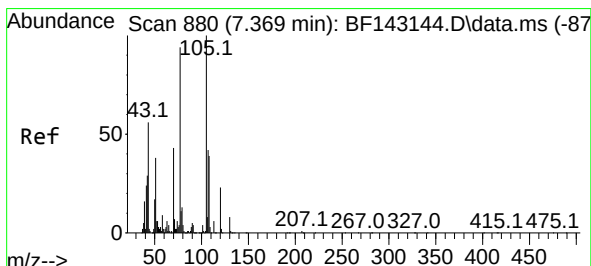
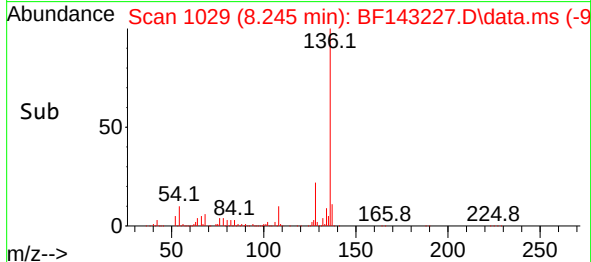
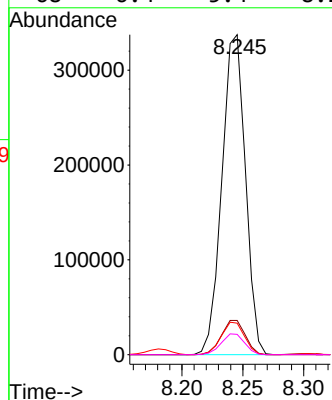
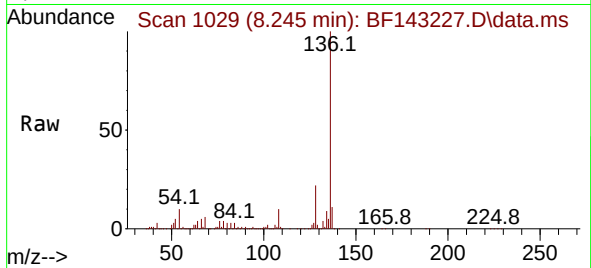




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

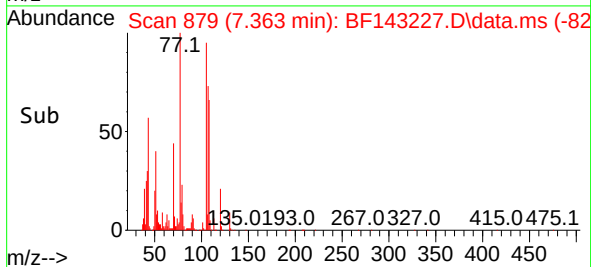
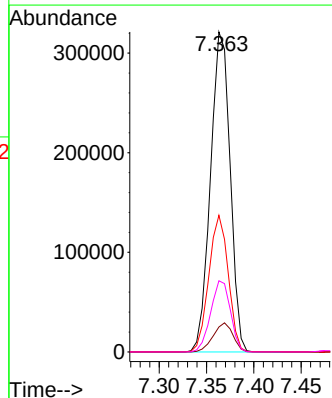
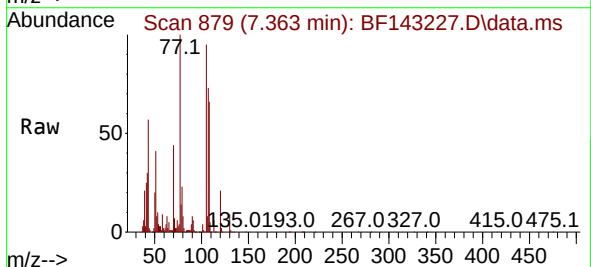
Instrument :
BNA_F
ClientSampleId :
PB168983BS

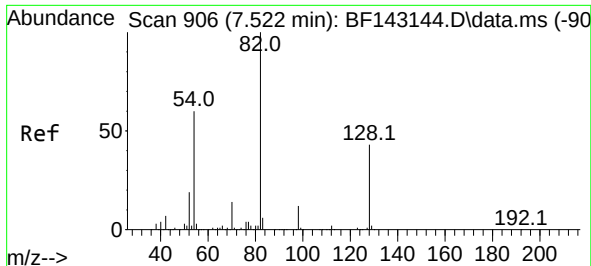
Tgt Ion:	136	Resp:	454070
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	9.8	8.2	12.2
68	6.4	5.4	8.2



#22
Acetophenone
Concen: 43.056 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:	105	Resp:	462863
Ion Ratio	Lower	Upper	
105	100		
71	7.8	5.8	8.6
51	42.7	30.2	45.2
120	22.3	18.2	27.4





#23

Nitrobenzene-d5

Concen: 77.492 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

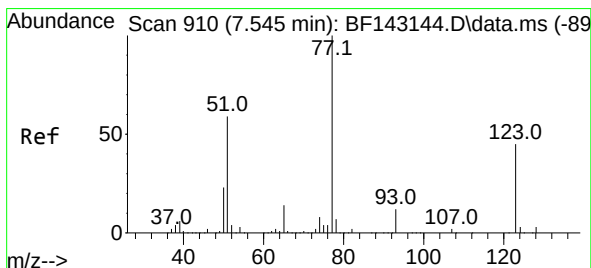
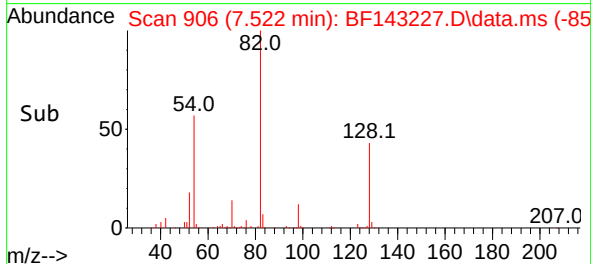
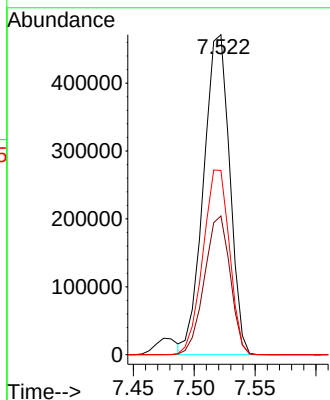
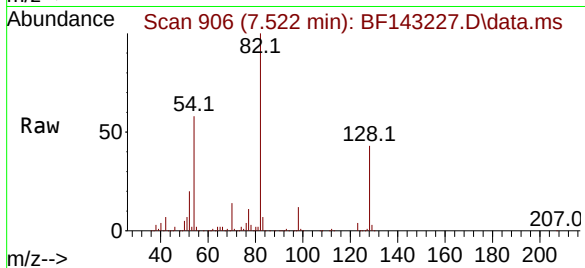
Tgt Ion: 82 Resp: 705891

Ion Ratio Lower Upper

82 100

128 43.4 33.6 50.4

54 57.6 47.1 70.7



#24

Nitrobenzene

Concen: 44.810 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

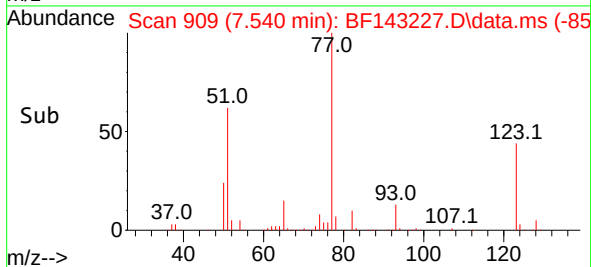
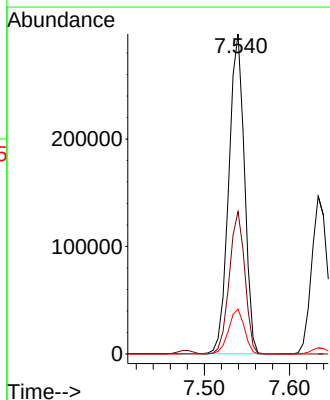
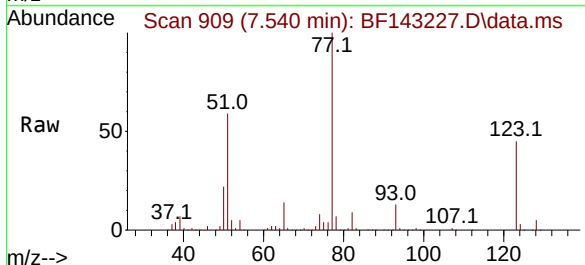
Tgt Ion: 77 Resp: 380553

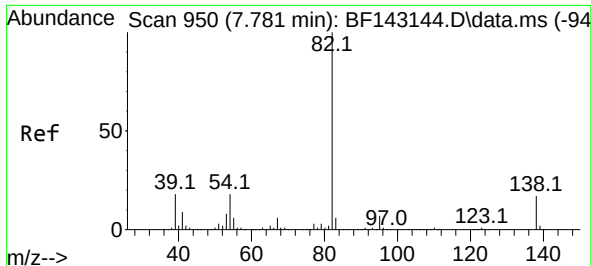
Ion Ratio Lower Upper

77 100

123 44.5 36.1 54.1

65 14.1 11.4 17.2

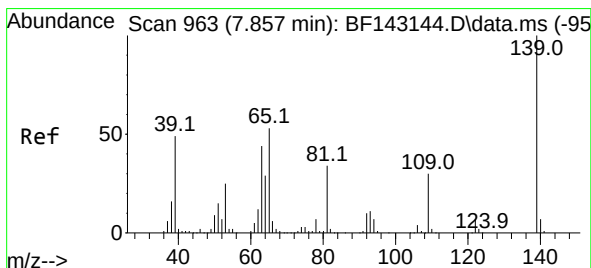
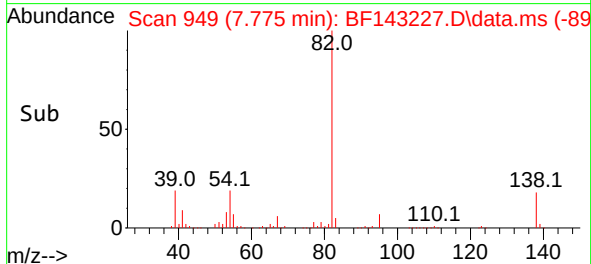
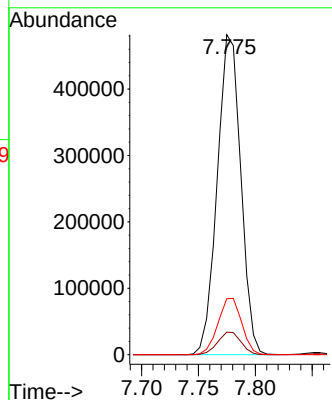
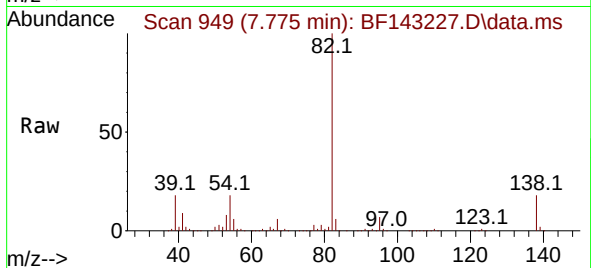




#25
Isophorone
Concen: 43.181 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

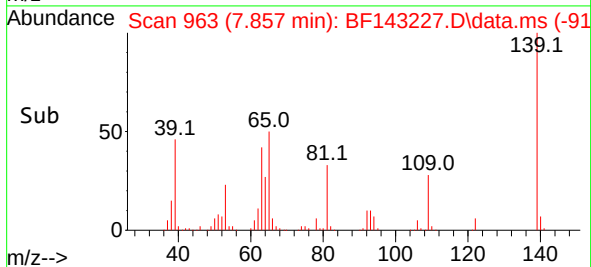
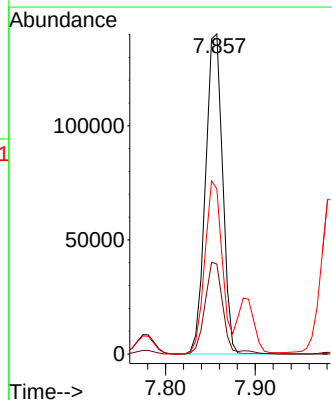
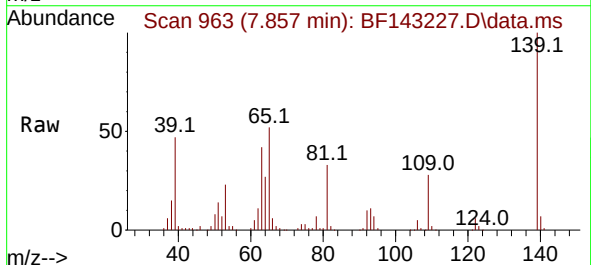
Instrument :
BNA_F
ClientSampleId :
PB168983BS

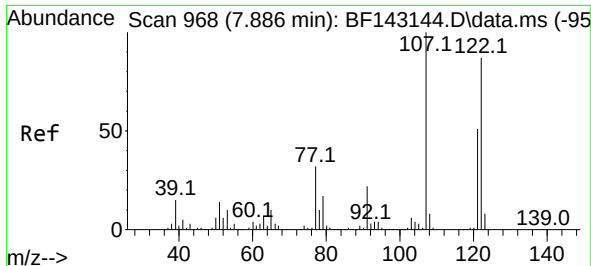
Tgt Ion: 82 Resp: 694391
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 13.8 20.8



#26
2-Nitrophenol
Concen: 50.369 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:139 Resp: 185650
Ion Ratio Lower Upper
139 100
109 28.1 23.6 35.4
65 51.6 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 42.565 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

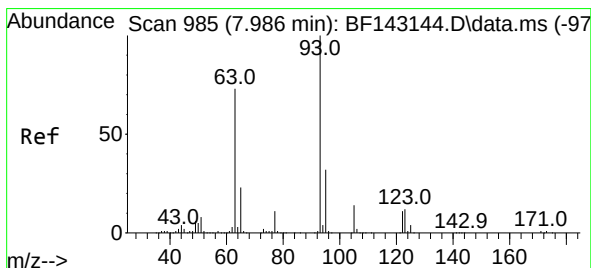
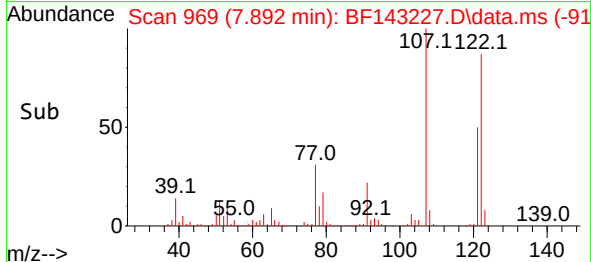
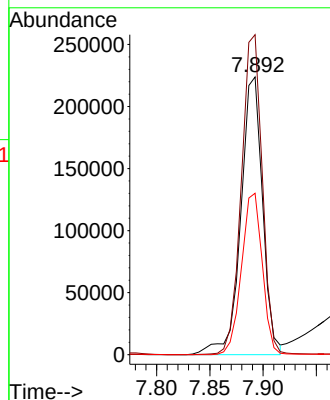
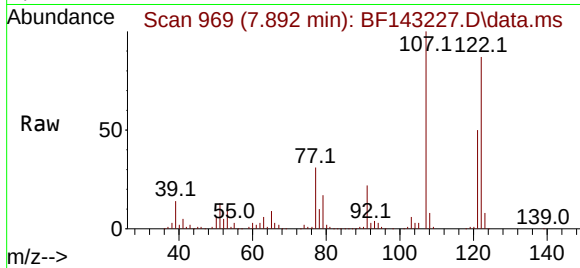
Tgt Ion:122 Resp: 319797

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.6

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.479 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

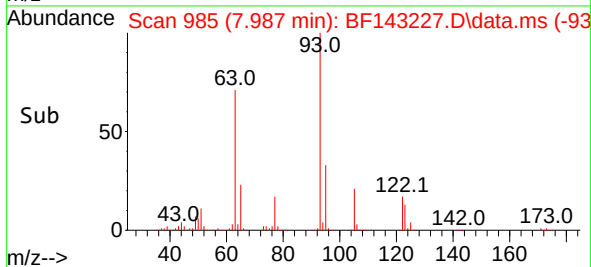
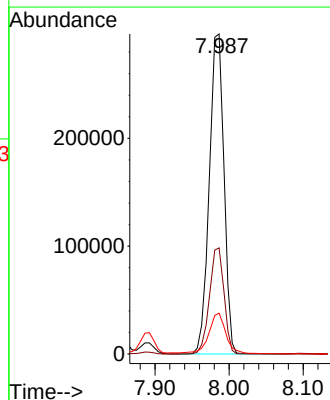
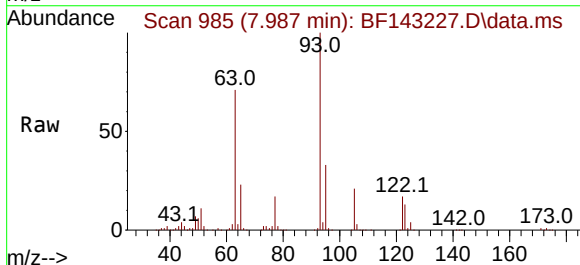
Tgt Ion: 93 Resp: 409567

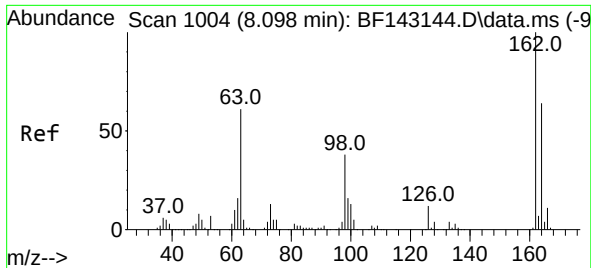
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.014 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143227.D

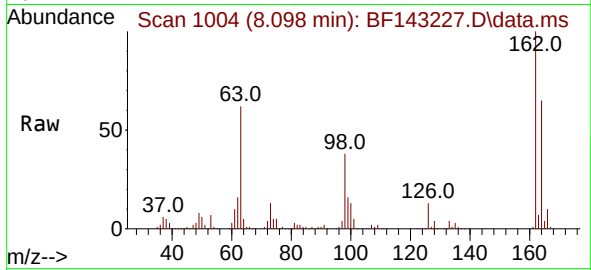
Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS



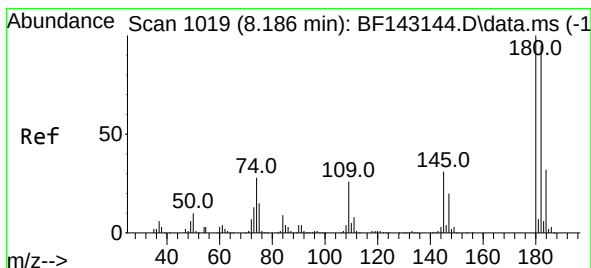
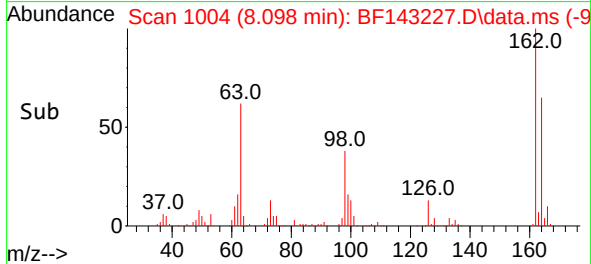
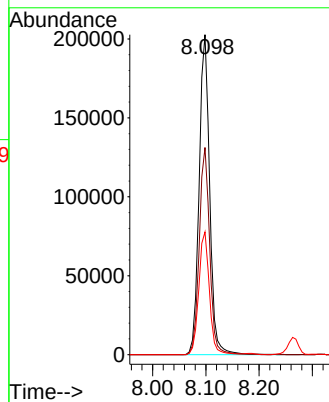
Tgt Ion:162 Resp: 278875

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 38.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 44.313 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

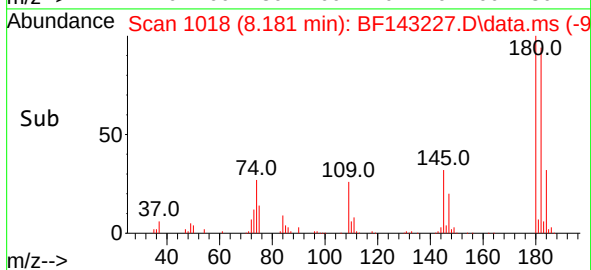
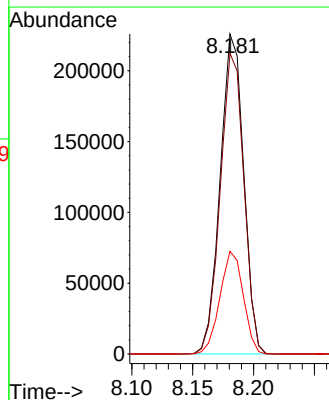
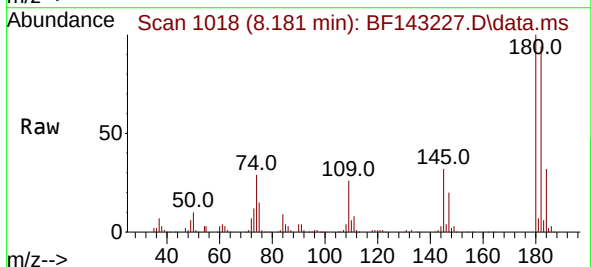
Tgt Ion:180 Resp: 303327

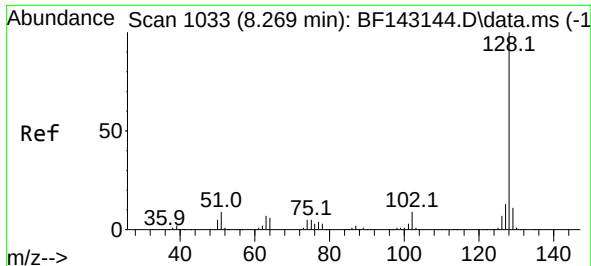
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

145 32.1 25.0 37.6

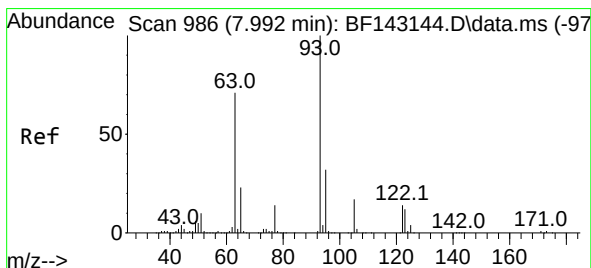
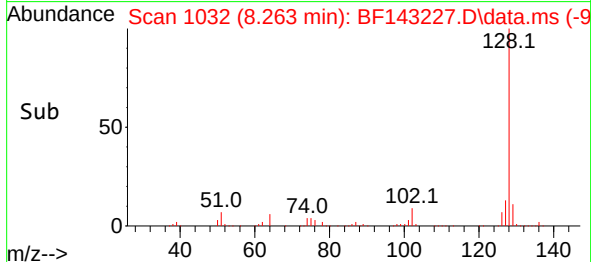
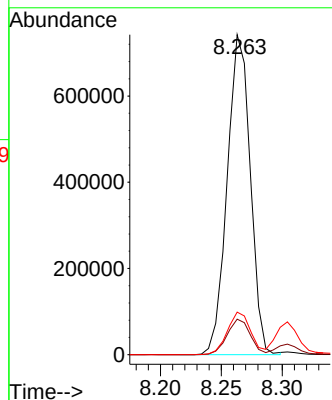
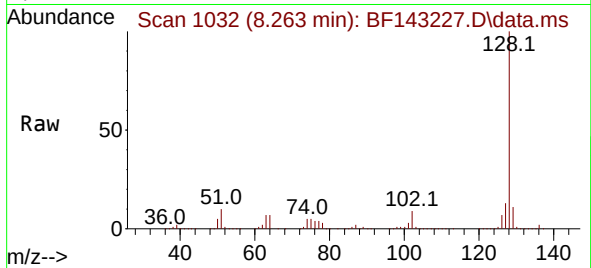




#31
Naphthalene
Concen: 43.792 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

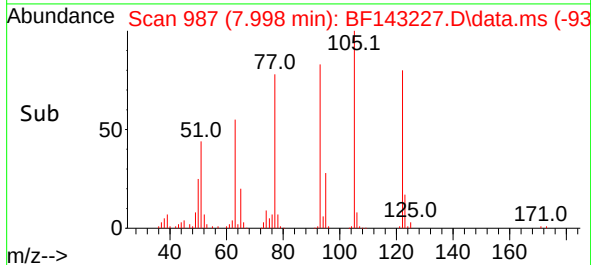
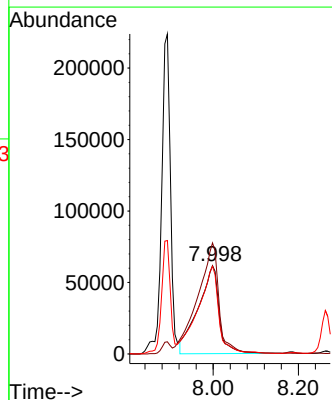
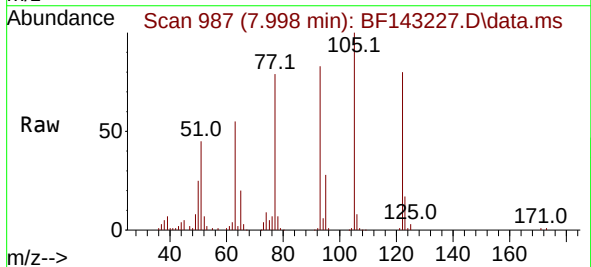
Instrument :
BNA_F
ClientSampleId :
PB168983BS

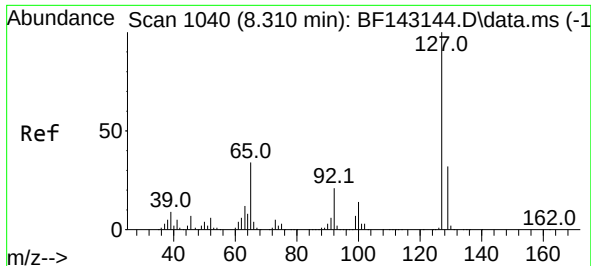
Tgt Ion:128 Resp: 979294
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 49.556 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:122 Resp: 210526
Ion Ratio Lower Upper
122 100
105 125.7 104.8 144.8
77 99.5 77.6 117.6

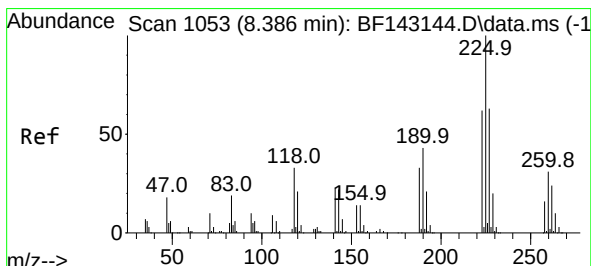
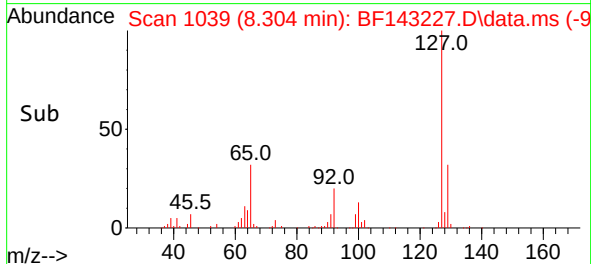
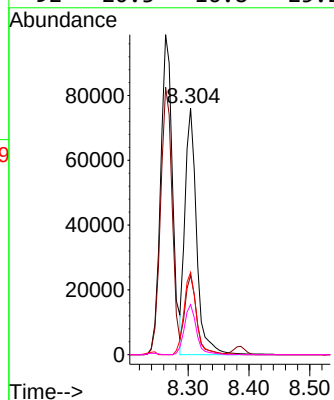
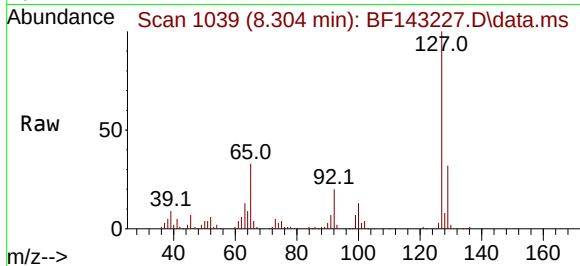




#33
4-Chloroaniline
Concen: 11.144 ng
RT: 8.304 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

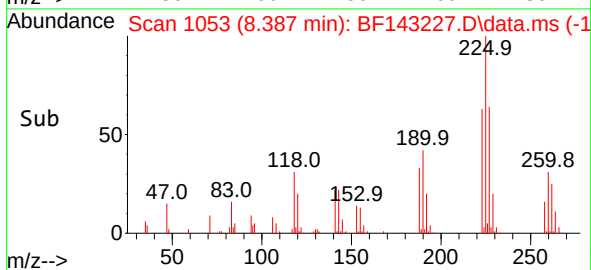
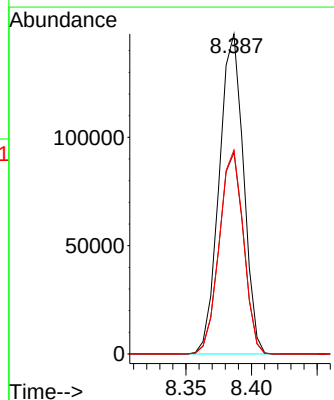
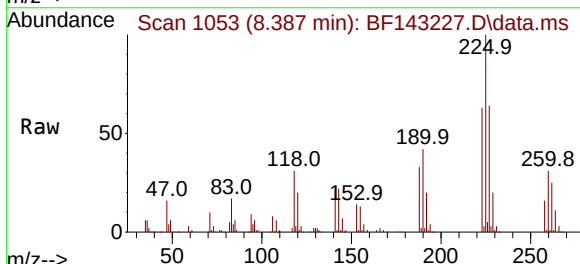
Instrument :
BNA_F
ClientSampleId :
PB168983BS

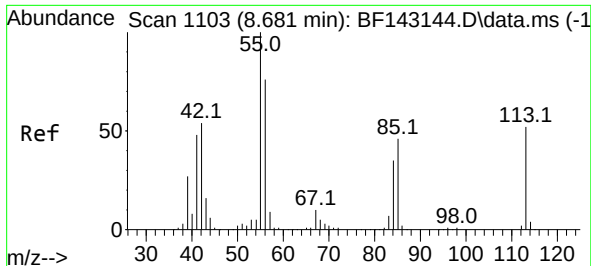
Tgt Ion:127	Resp: 101760
Ion Ratio	Lower Upper
127 100	
129 32.2	26.0 39.0
65 33.4	27.4 41.2
92 20.3	16.8 25.2



#34
Hexachlorobutadiene
Concen: 45.473 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:225	Resp: 190144
Ion Ratio	Lower Upper
225 100	
223 63.0	49.8 74.6
227 63.7	50.2 75.4

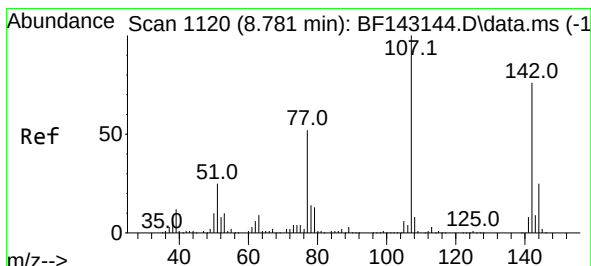
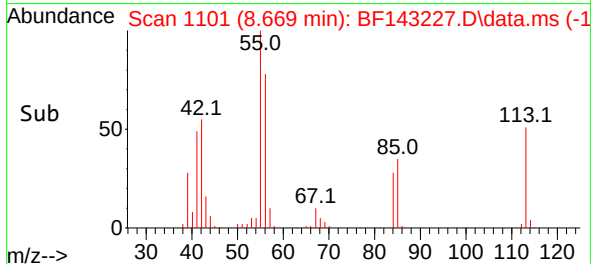
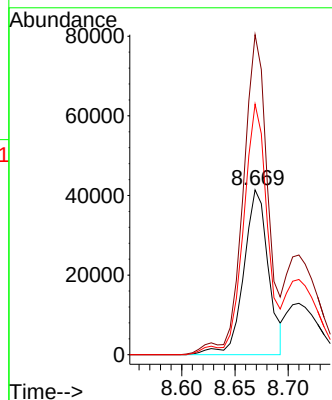
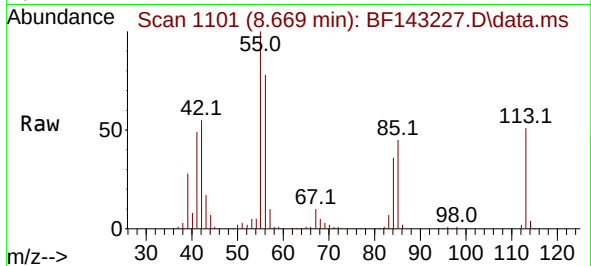




#35
 Caprolactam
 Concen: 34.739 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

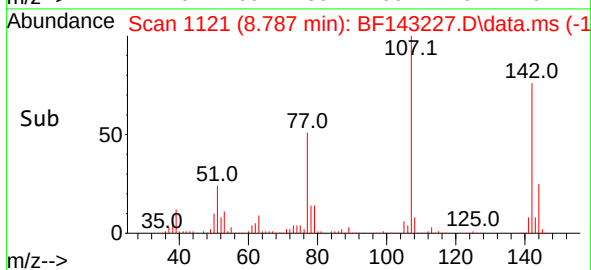
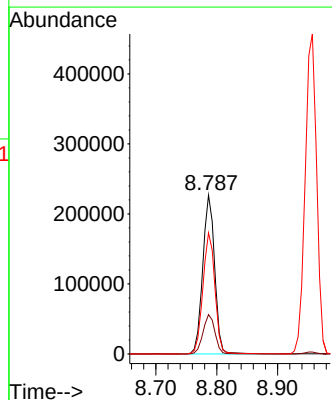
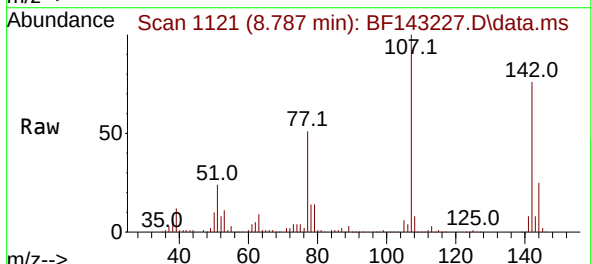
Instrument :
 BNA_F
 ClientSampleId :
 PB168983BS

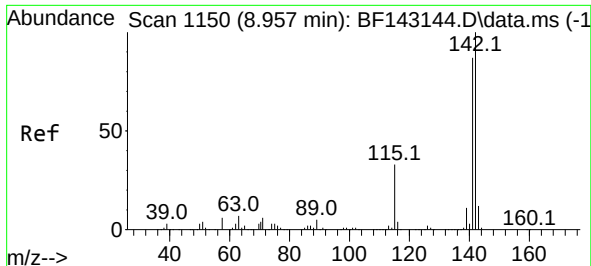
Tgt Ion:113 Resp: 66513
 Ion Ratio Lower Upper
 113 100
 55 194.2 174.0 214.0
 56 152.1 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.762 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

Tgt Ion:107 Resp: 308262
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 76.2 60.6 90.8

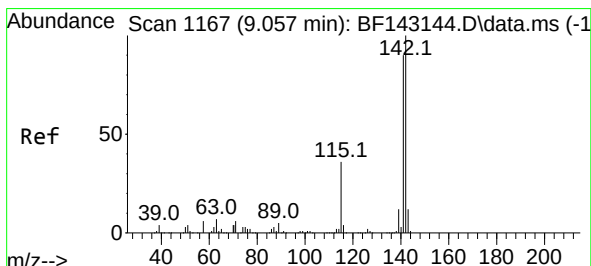
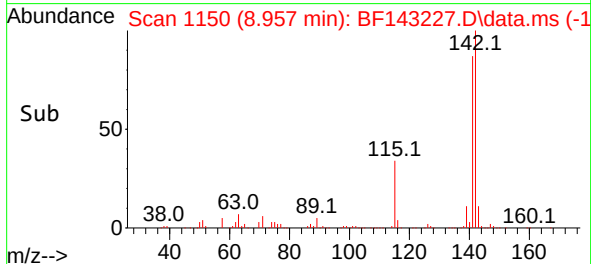
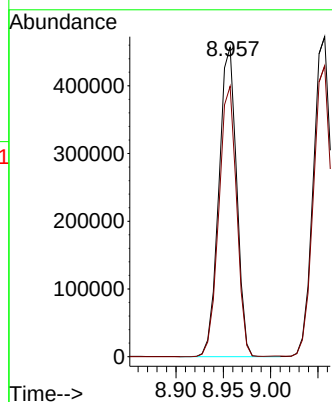
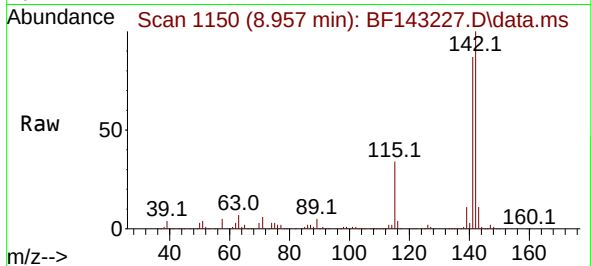




#37
2-Methylnaphthalene
Concen: 43.877 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

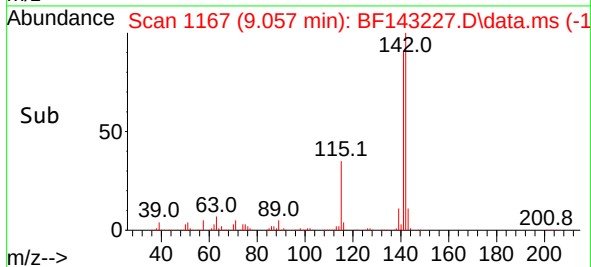
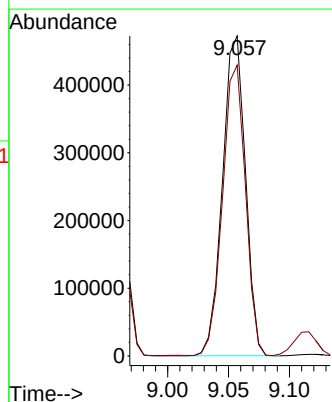
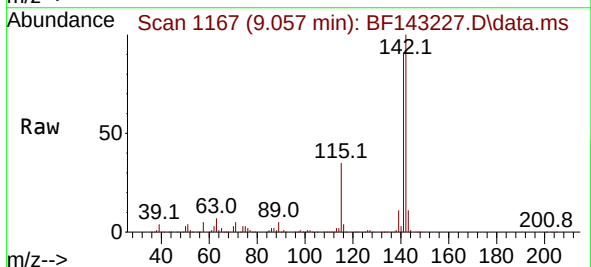
Instrument :
BNA_F
ClientSampleId :
PB168983BS

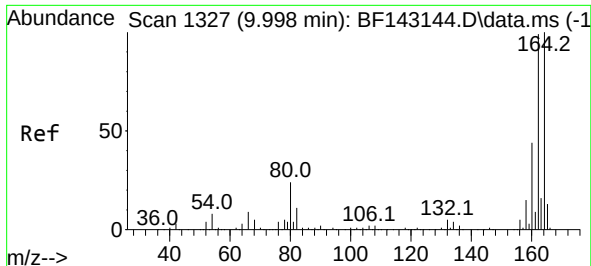
Tgt Ion:142 Resp: 597076
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 44.279 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:142 Resp: 620464
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5

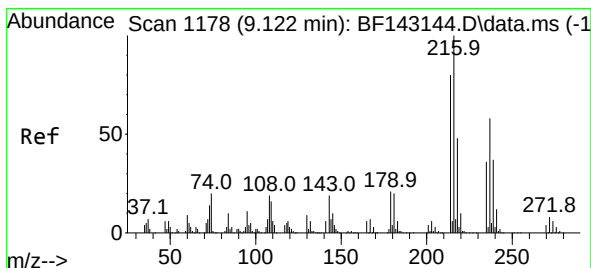
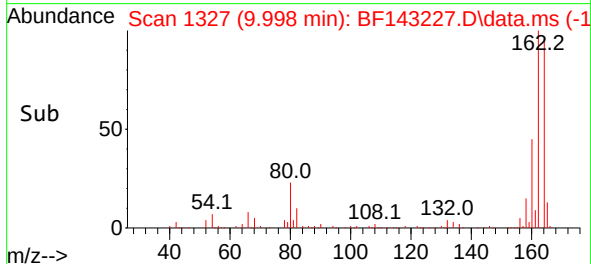
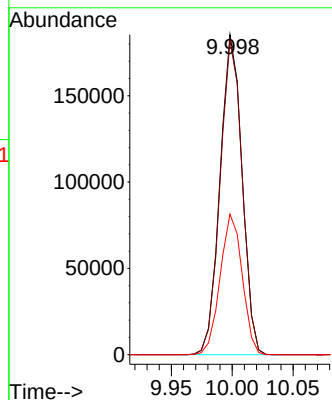
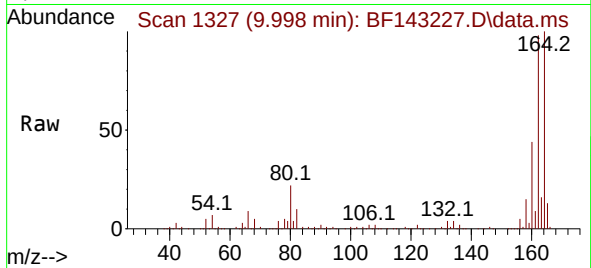




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

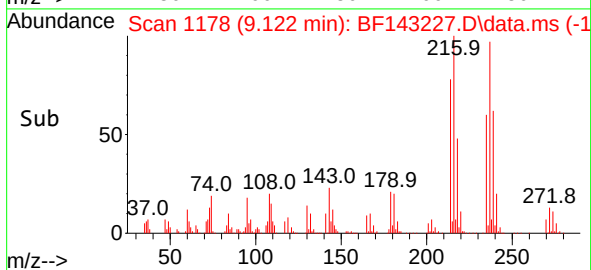
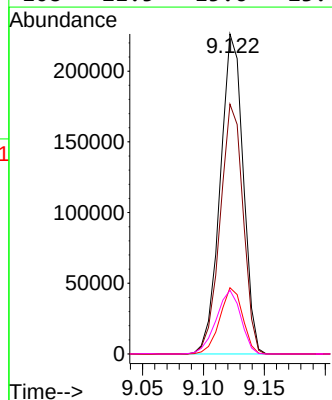
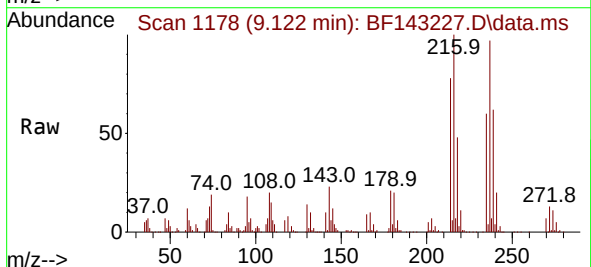
Instrument :
BNA_F
ClientSampleId :
PB168983BS

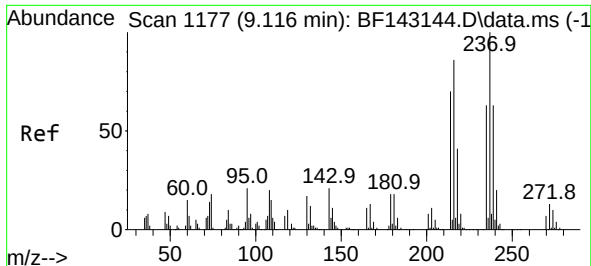
Tgt Ion:164 Resp: 233308
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 43.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.017 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:216 Resp: 296491
Ion Ratio Lower Upper
216 100
214 78.1 63.8 95.8
179 20.5 16.4 24.6
108 21.5 15.6 23.4

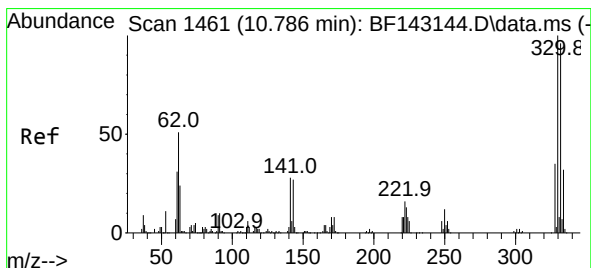
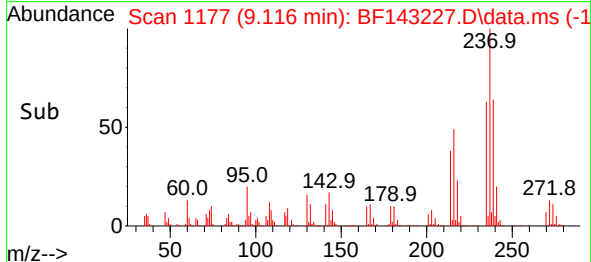
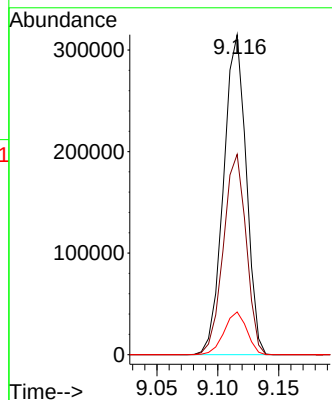
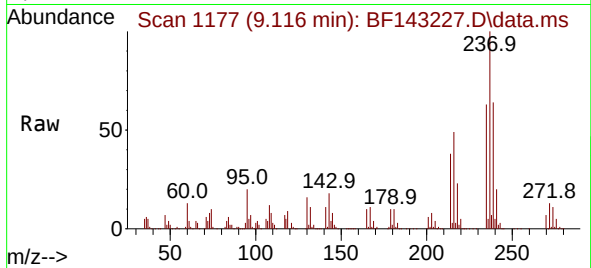




#41
Hexachlorocyclopentadiene
Concen: 93.090 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

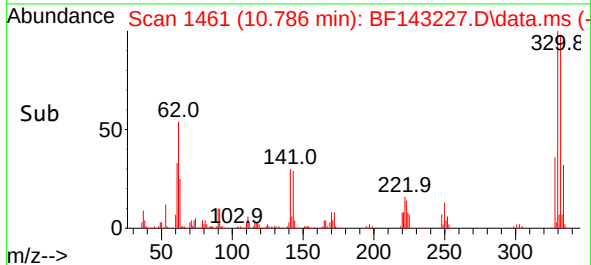
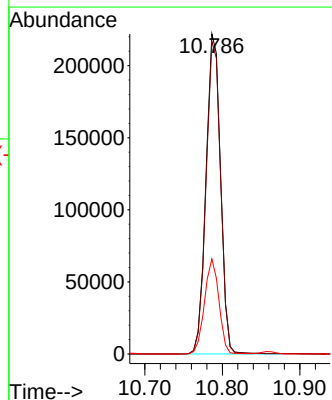
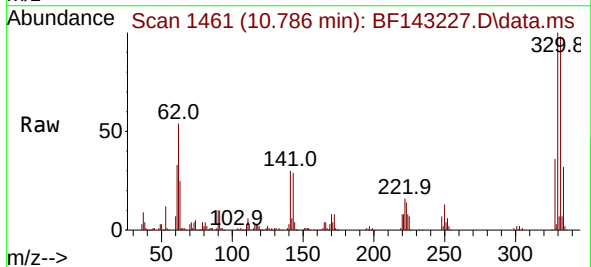
Instrument :
BNA_F
ClientSampleId :
PB168983BS

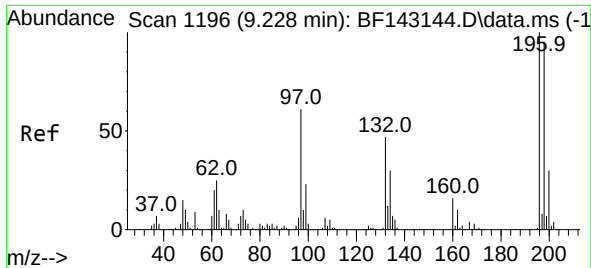
Tgt Ion:237 Resp: 407999
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 119.935 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:330 Resp: 289067
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 29.3 23.3 34.9

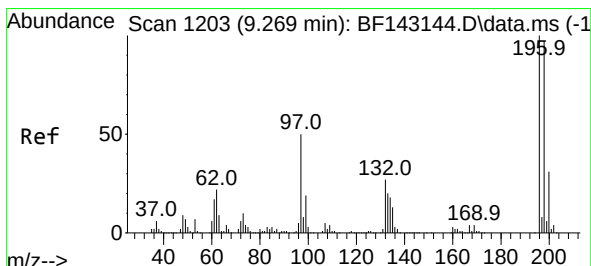
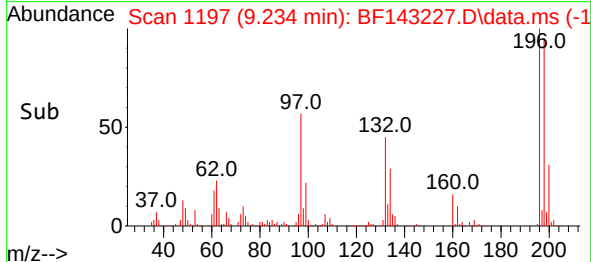
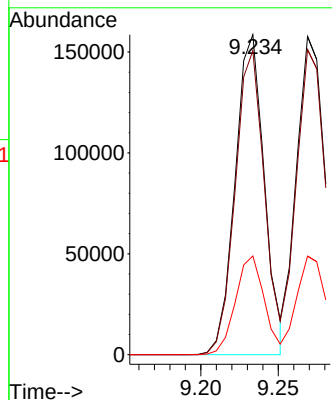
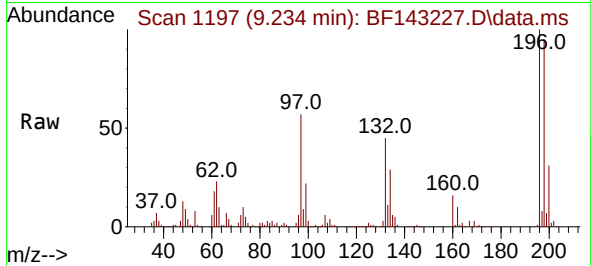




#43
2,4,6-Trichlorophenol
Concen: 44.513 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

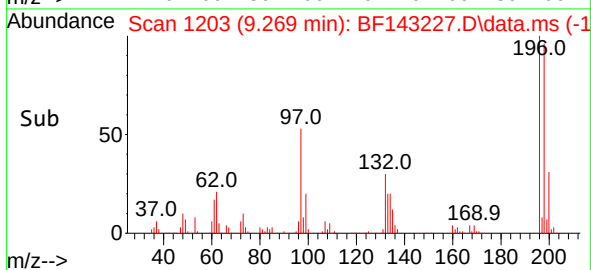
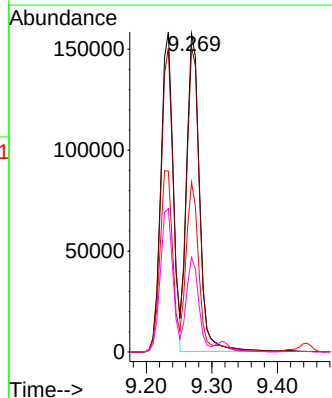
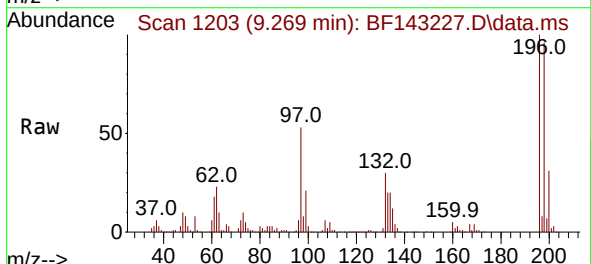
Instrument :
BNA_F
ClientSampleId :
PB168983BS

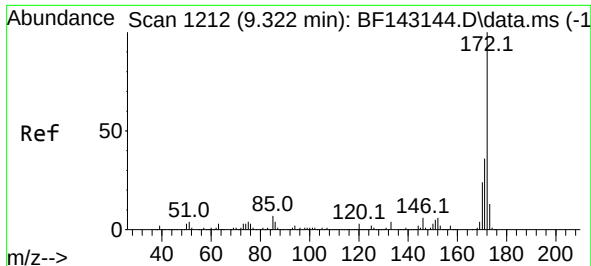
Tgt Ion:196 Resp: 207510
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 30.8 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 45.962 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:196 Resp: 214331
Ion Ratio Lower Upper
196 100
198 95.9 77.3 115.9
97 53.4 40.3 60.5
132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.565 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

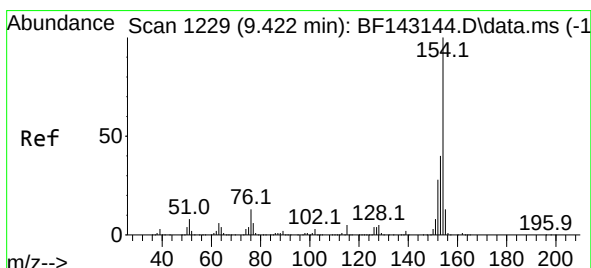
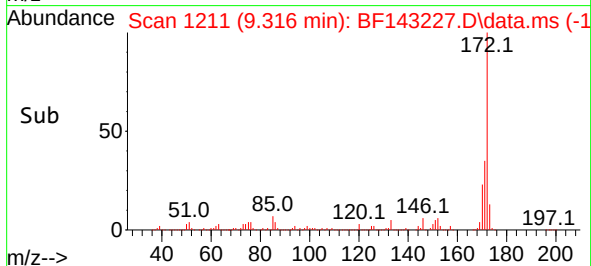
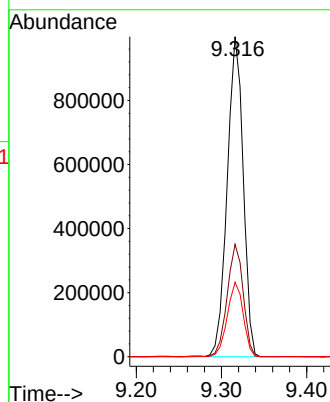
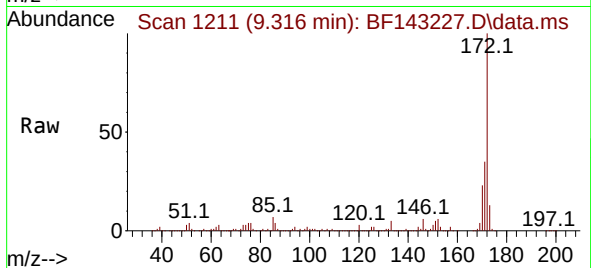
Tgt Ion:172 Resp: 1306148

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.835 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

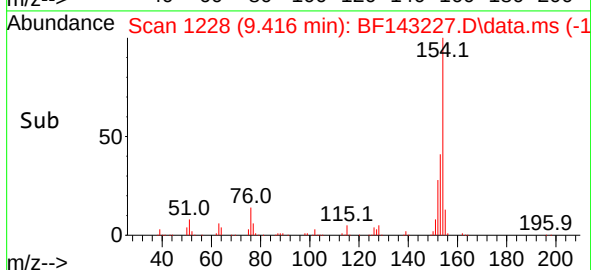
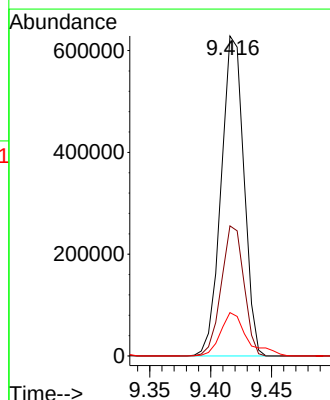
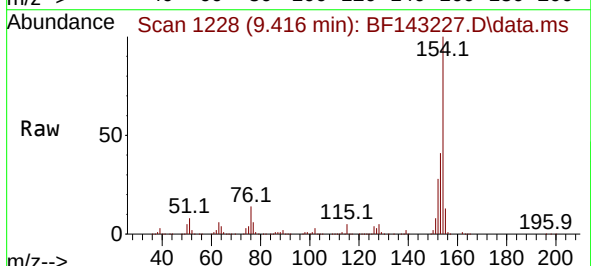
Tgt Ion:154 Resp: 816107

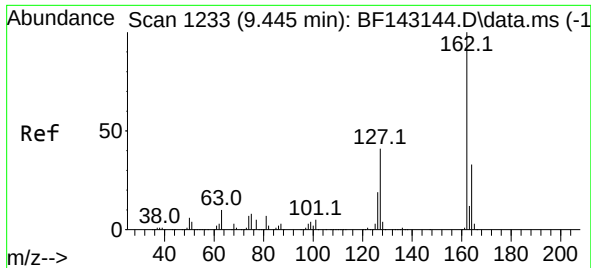
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.6 0.0 33.3

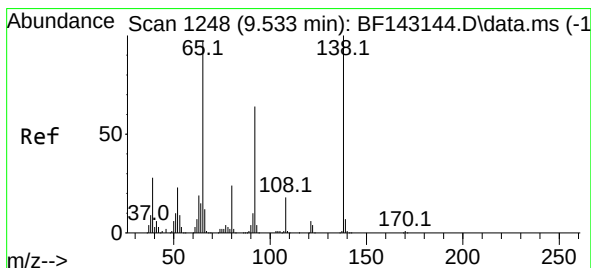
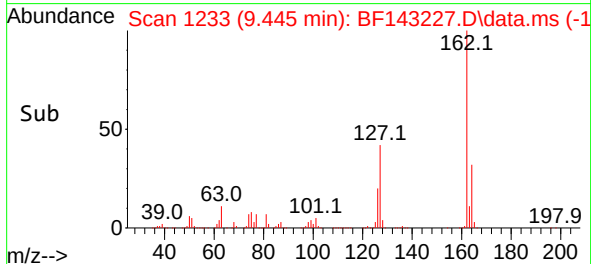
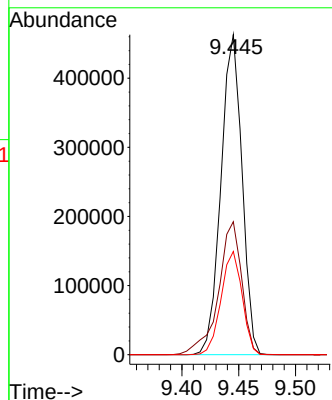
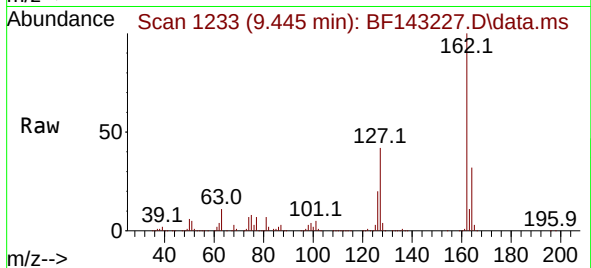




#47
2-Chloronaphthalene
Concen: 44.297 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

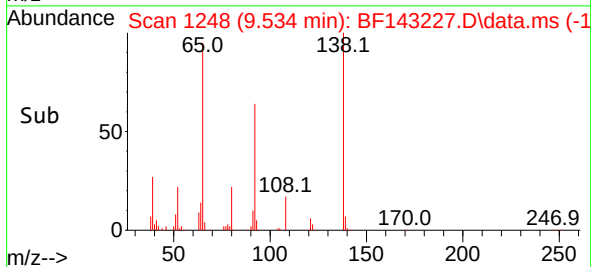
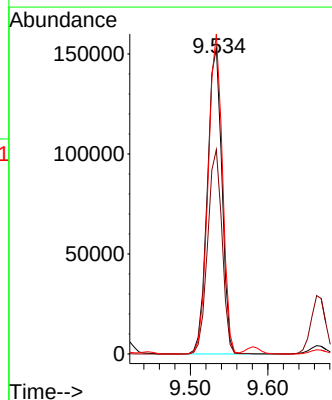
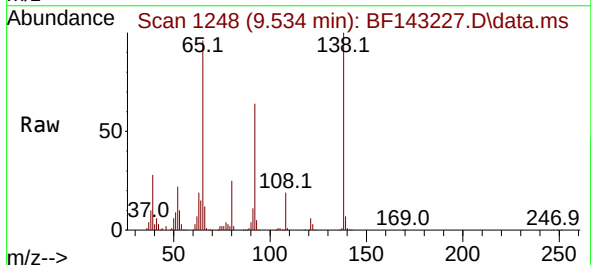
Instrument :
BNA_F
ClientSampleId :
PB168983BS

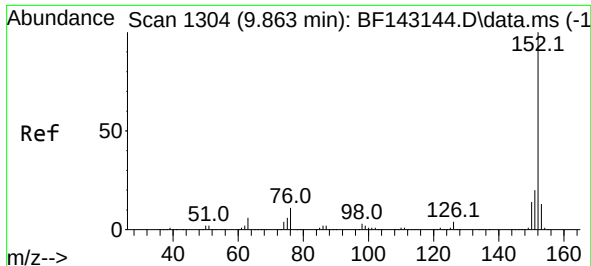
Tgt Ion:162 Resp: 596622
Ion Ratio Lower Upper
162 100
127 41.6 33.4 50.2
164 32.3 26.2 39.2



#48
2-Nitroaniline
Concen: 47.225 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion: 65 Resp: 199467
Ion Ratio Lower Upper
65 100
92 66.8 52.4 78.6
138 104.6 82.3 123.5





#49

Acenaphthylene

Concen: 44.589 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

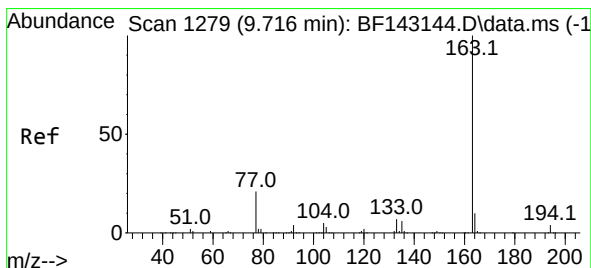
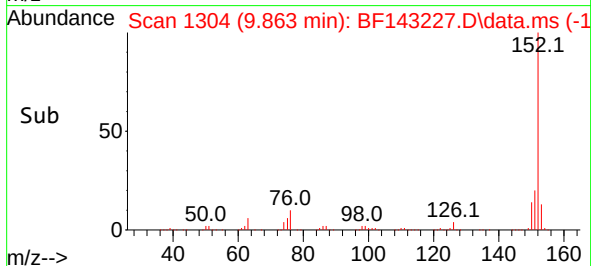
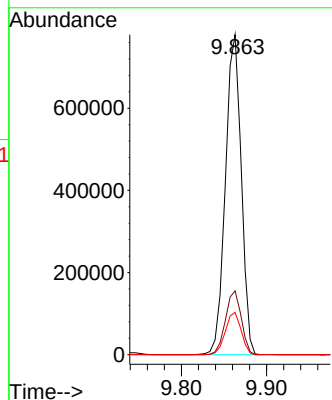
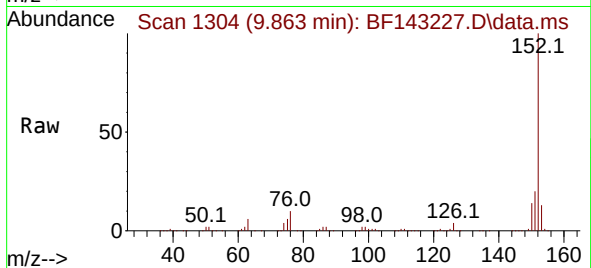
Tgt Ion:152 Resp: 1006432

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 45.820 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

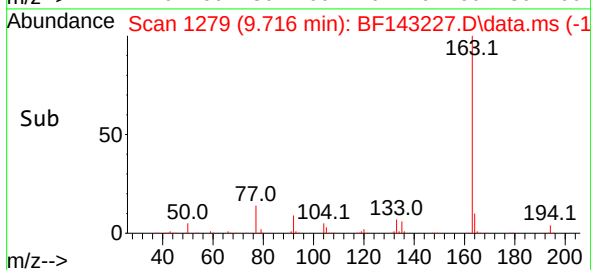
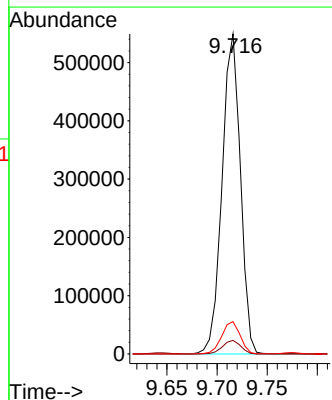
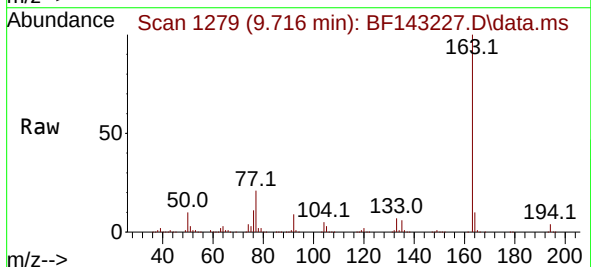
Tgt Ion:163 Resp: 696812

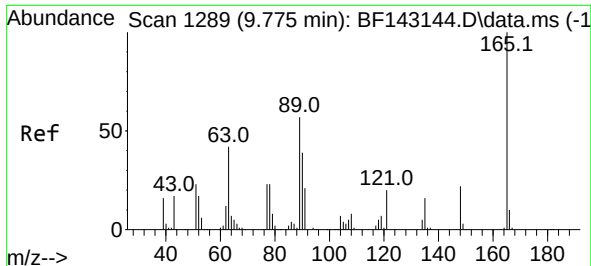
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.3 12.5

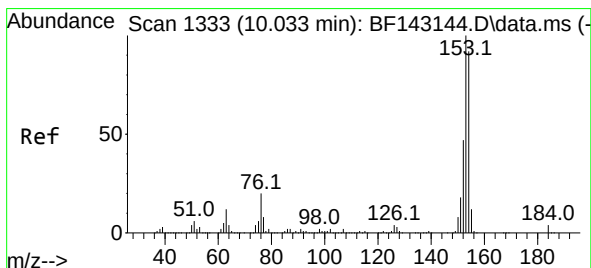
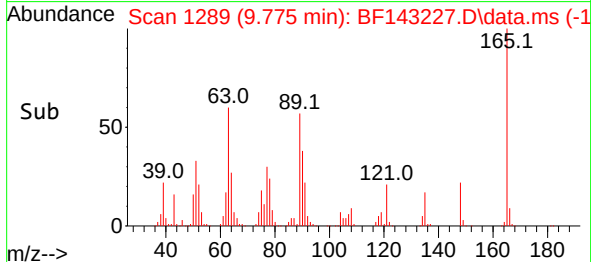
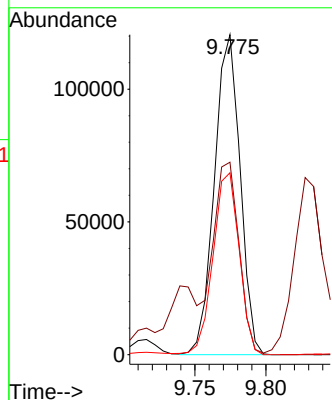
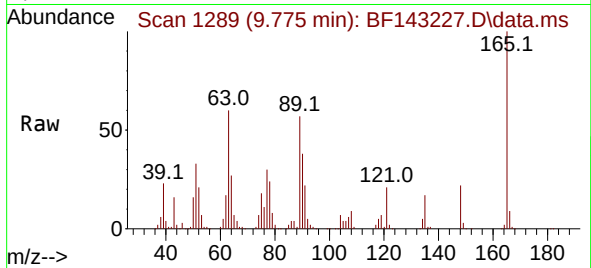




#51
2,6-Dinitrotoluene
Concen: 49.057 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

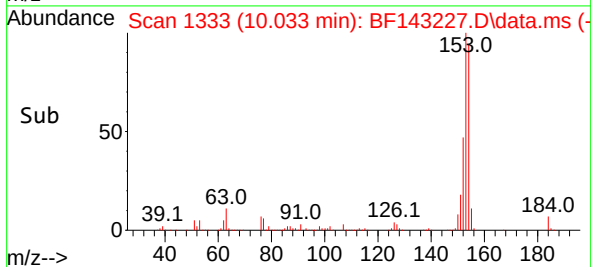
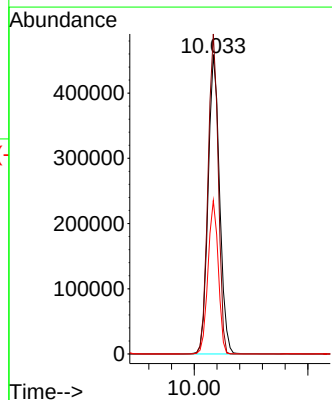
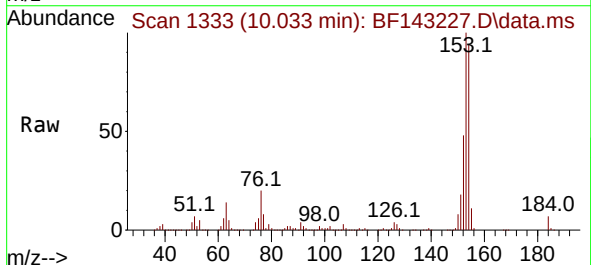
Instrument :
BNA_F
ClientSampleId :
PB168983BS

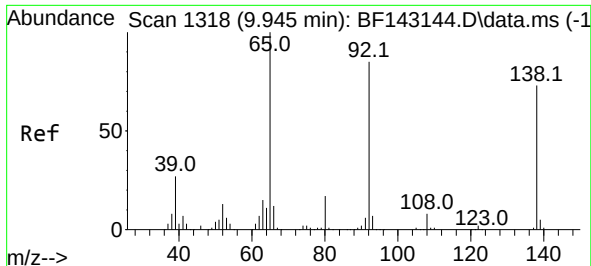
Tgt Ion:165 Resp: 151768
Ion Ratio Lower Upper
165 100
63 60.1 49.4 74.2
89 56.8 46.2 69.2



#52
Acenaphthene
Concen: 48.006 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:154 Resp: 640438
Ion Ratio Lower Upper
154 100
153 106.9 86.6 129.8
152 51.2 40.4 60.6

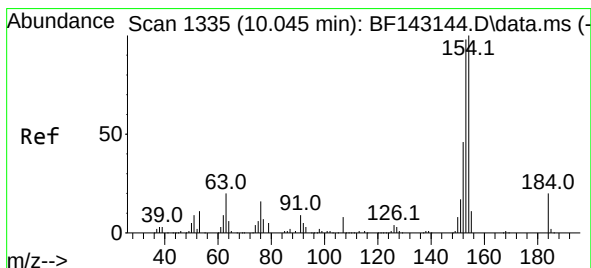
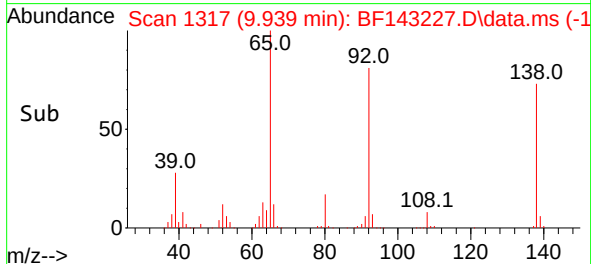
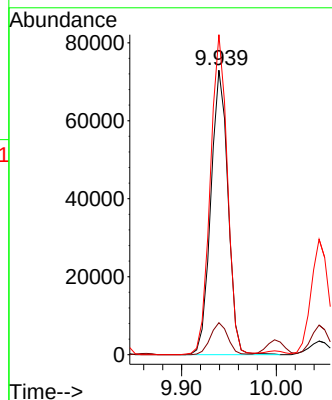
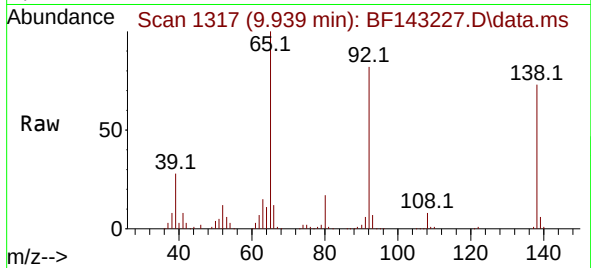




#53
3-Nitroaniline
Concen: 25.283 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

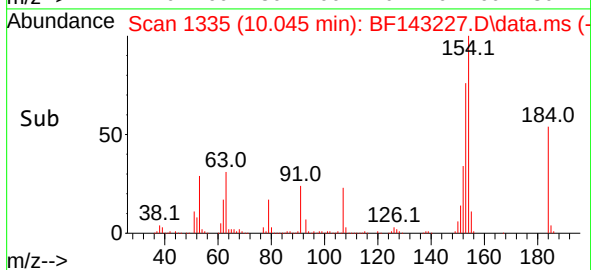
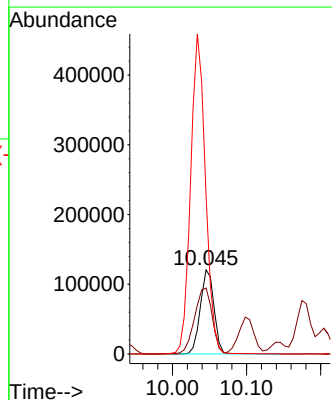
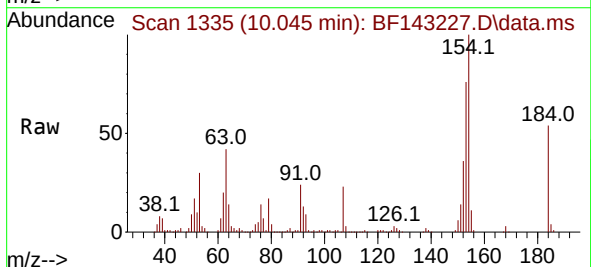
Instrument :
BNA_F
ClientSampleId :
PB168983BS

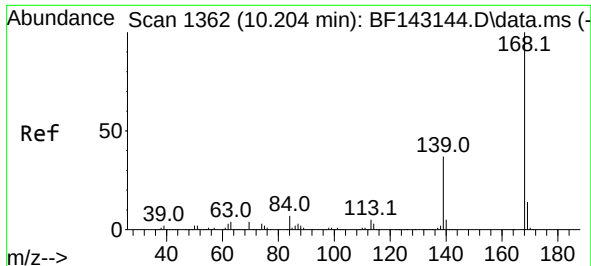
Tgt Ion:138 Resp: 91490
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 112.5 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 108.235 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:184 Resp: 155357
Ion Ratio Lower Upper
184 100
63 78.2 81.8 122.6#
154 186.4 412.2 618.4#

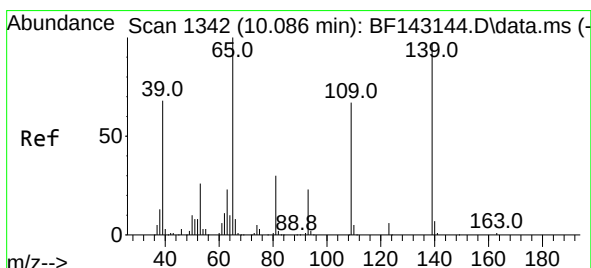
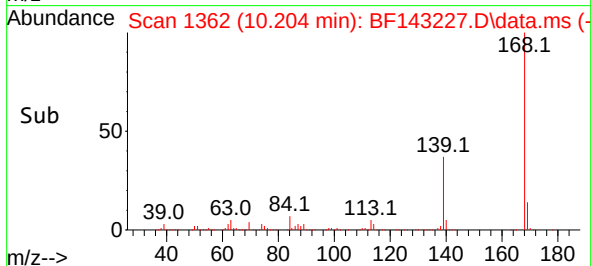
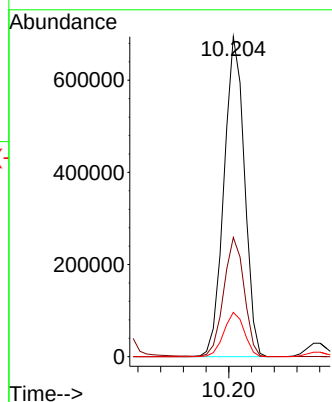
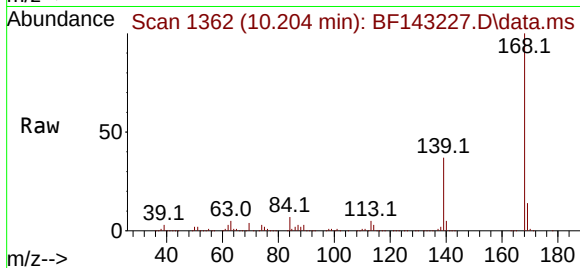




#55
Dibenzenofuran
Concen: 43.949 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

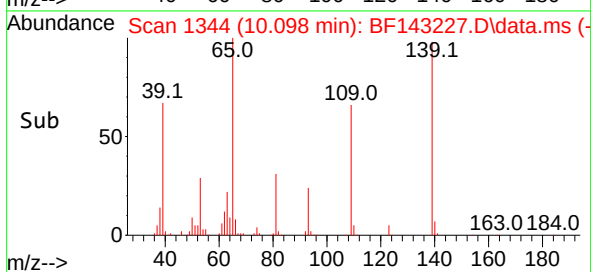
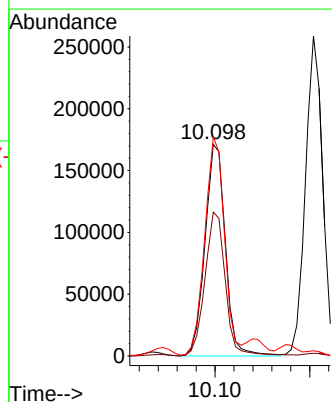
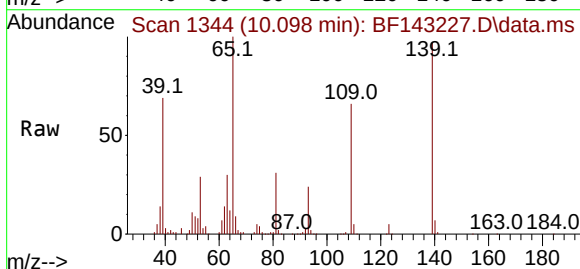
Instrument :
BNA_F
ClientSampleId :
PB168983BS

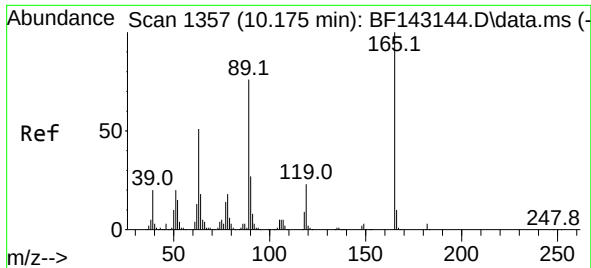
Tgt Ion:168 Resp: 870479
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 94.619 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:139 Resp: 255673
Ion Ratio Lower Upper
139 100
109 67.9 48.5 88.5
65 103.5 83.4 123.4

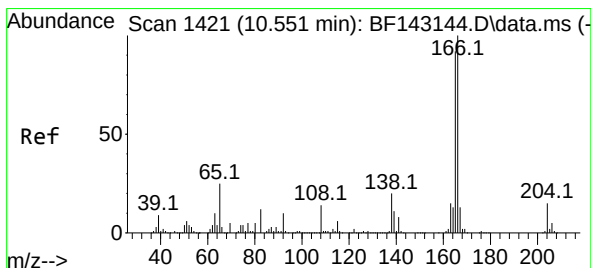
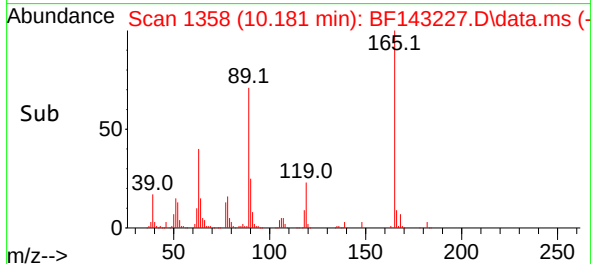
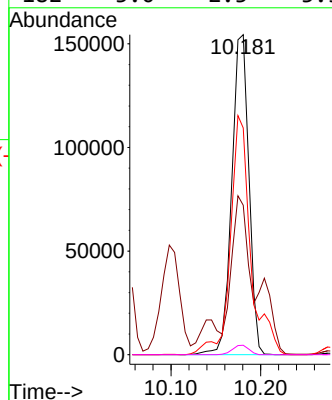
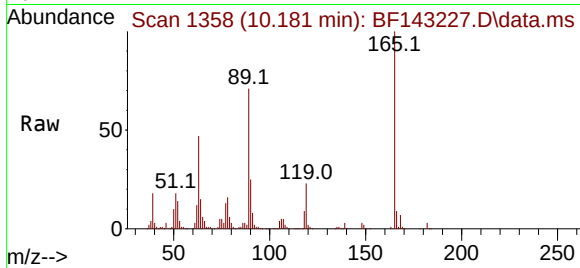




#57
2,4-Dinitrotoluene
Concen: 52.684 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

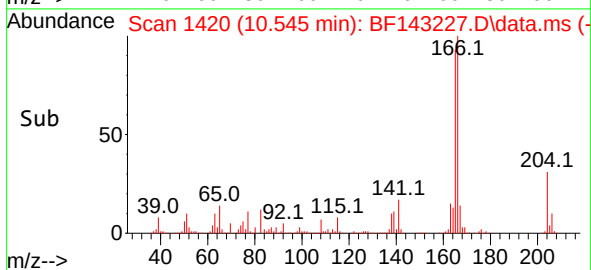
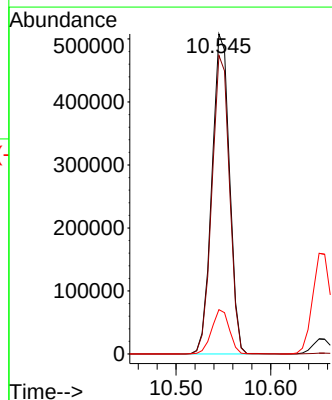
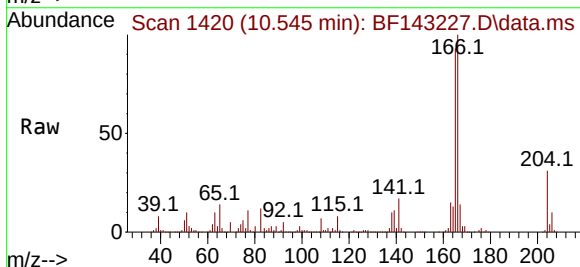
Instrument :
BNA_F
ClientSampleId :
PB168983BS

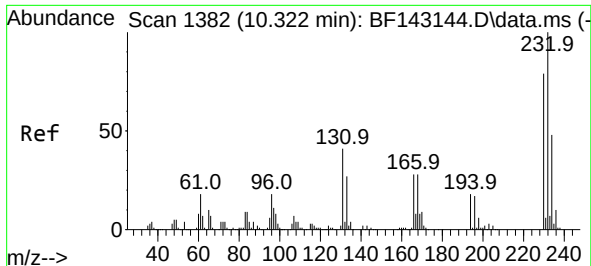
Tgt Ion:165 Resp: 204486
Ion Ratio Lower Upper
165 100
63 46.7 41.0 61.4
89 70.9 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 44.137 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

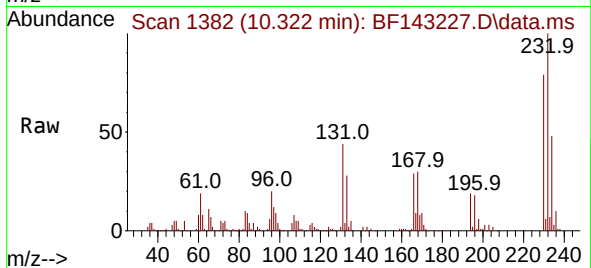
Tgt Ion:166 Resp: 656116
Ion Ratio Lower Upper
166 100
165 93.3 73.7 110.5
167 13.8 10.6 16.0



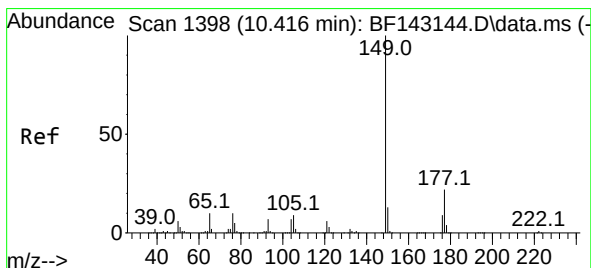
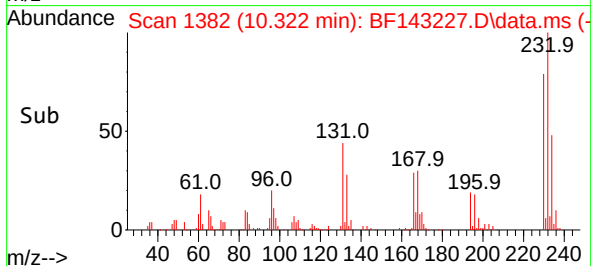
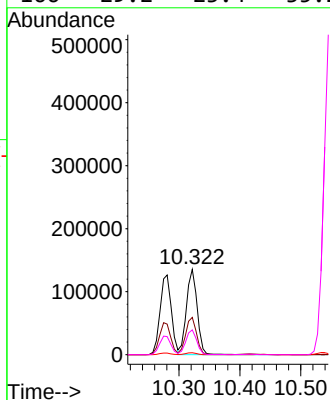


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.256 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

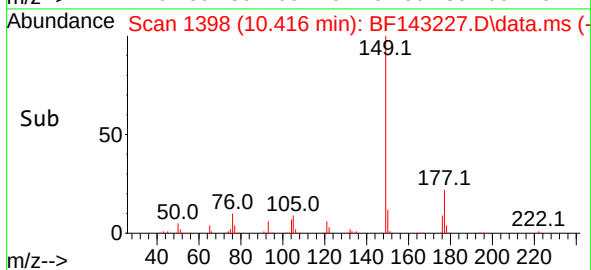
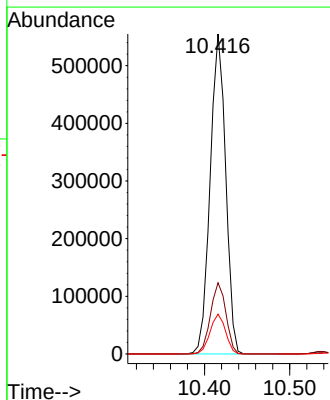
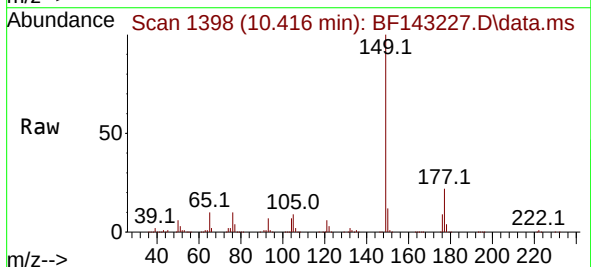


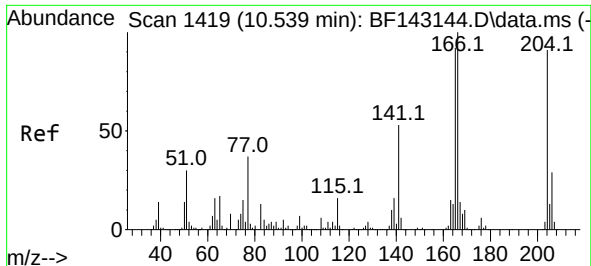
Tgt Ion:232 Resp: 167088
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.2 1.7 2.5
166 29.2 23.4 35.2



#60
Diethylphthalate
Concen: 46.704 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:149 Resp: 702025
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.4 10.2 15.2

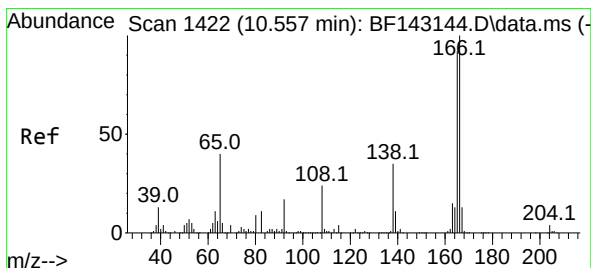
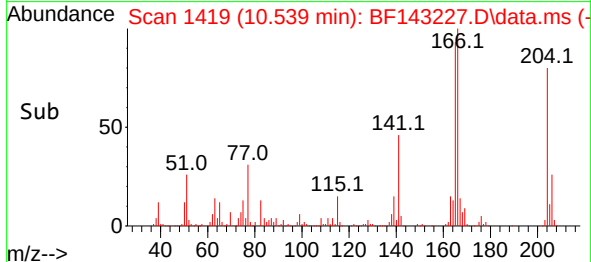
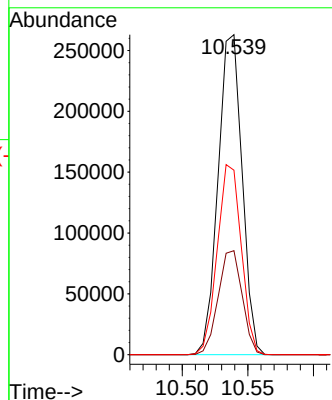
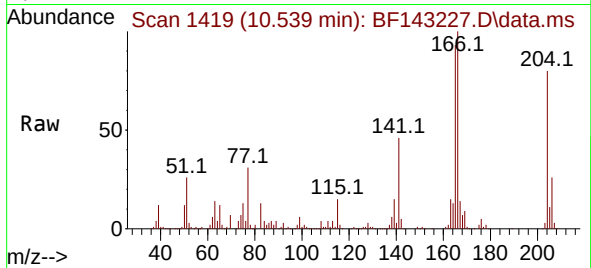




#61
4-Chlorophenyl-phenylether
Concen: 45.247 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

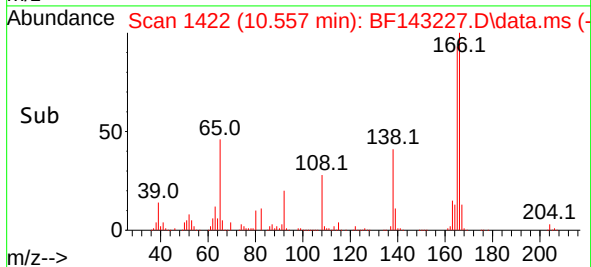
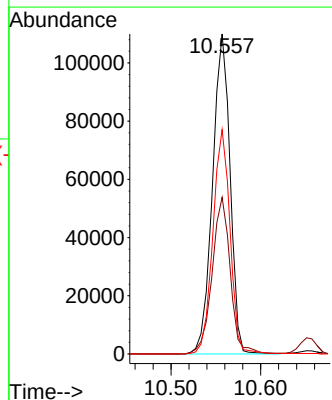
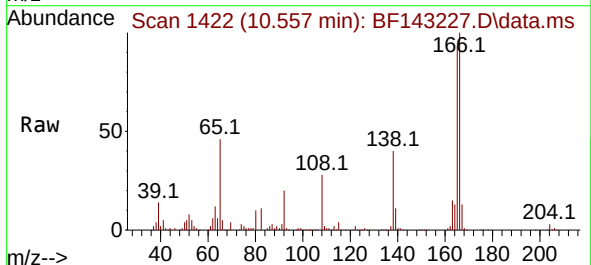
Instrument :
BNA_F
ClientSampleId :
PB168983BS

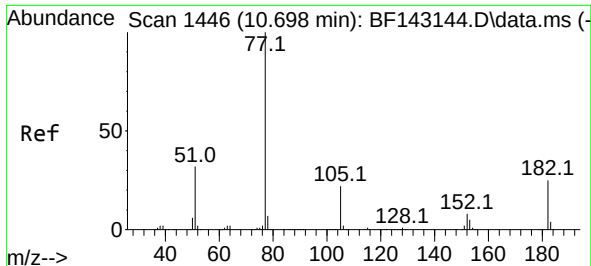
Tgt Ion:204 Resp: 334920
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 57.6 47.0 70.4



#62
4-Nitroaniline
Concen: 48.137 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:138 Resp: 149287
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 70.1 48.3 88.3

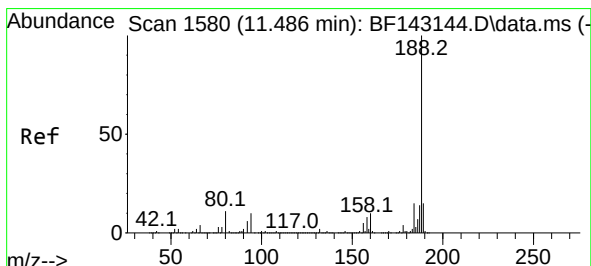
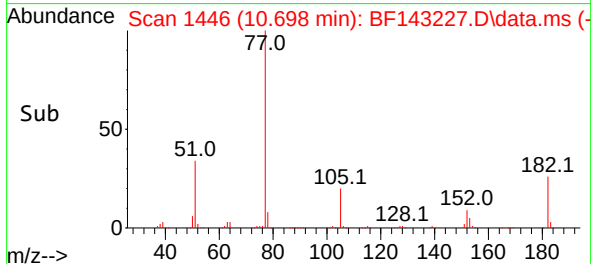
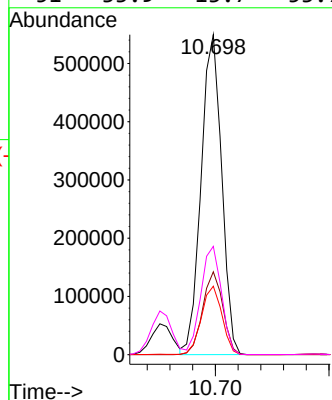
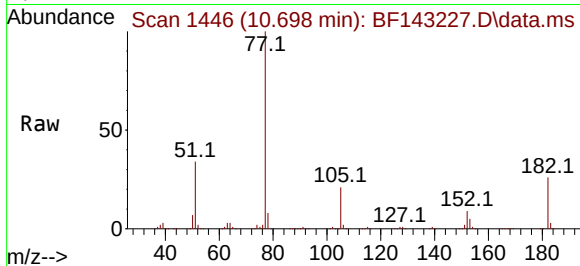




#63
Azobenzene
Concen: 44.074 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

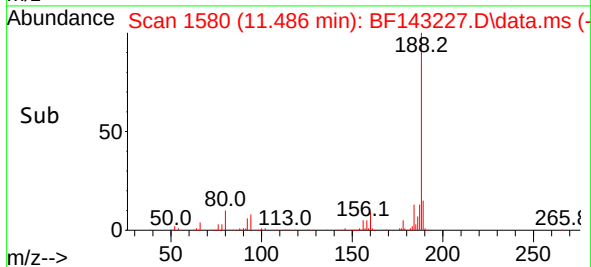
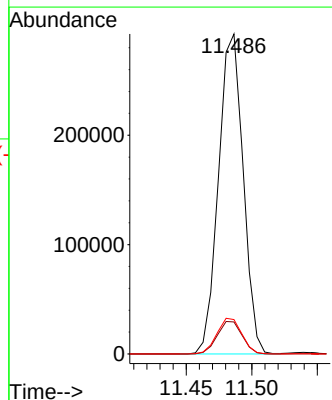
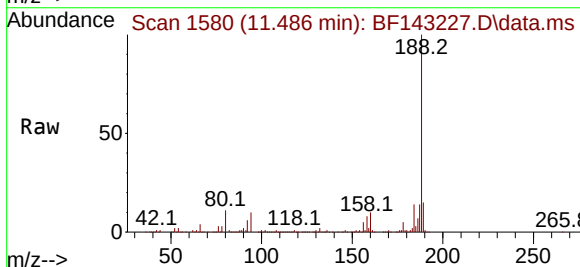
Instrument :
BNA_F
ClientSampleId :
PB168983BS

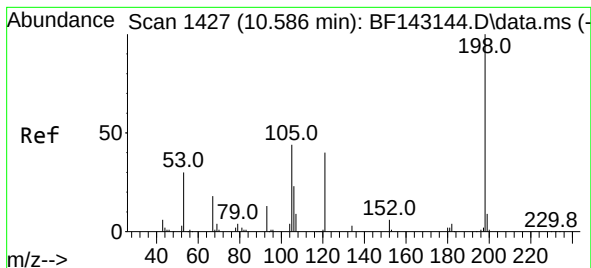
Tgt Ion: 77	Resp: 690470
Ion Ratio	Lower Upper
77 100	
182 25.9	4.6 44.6
105 21.4	1.4 41.4
51 33.9	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:188	Resp: 382635
Ion Ratio	Lower Upper
188 100	
94 10.0	8.3 12.5
80 10.8	9.0 13.6

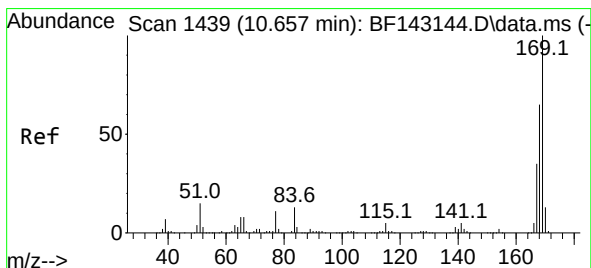
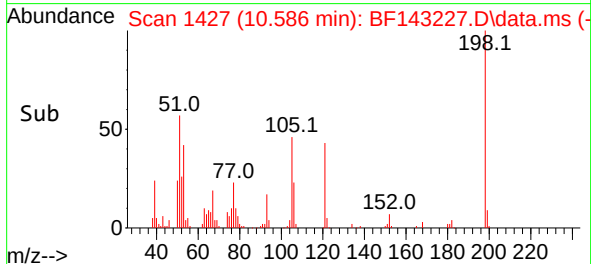
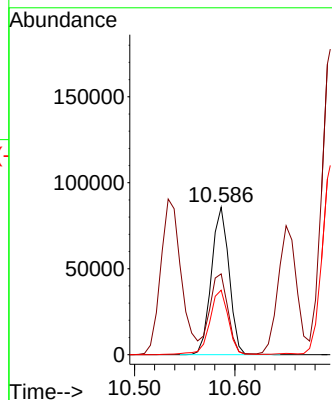
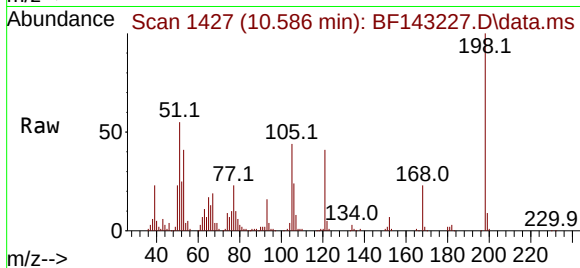




#65
4,6-Dinitro-2-methylphenol
Concen: 51.811 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

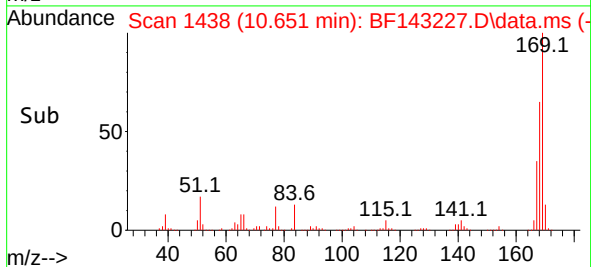
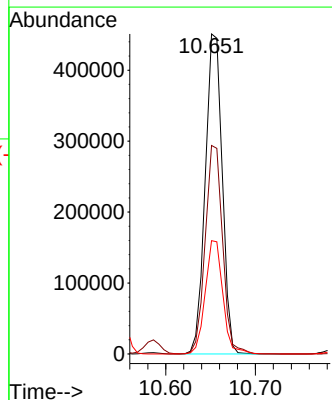
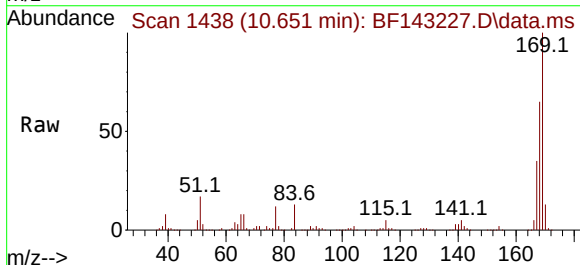
Instrument :
BNA_F
ClientSampleId :
PB168983BS

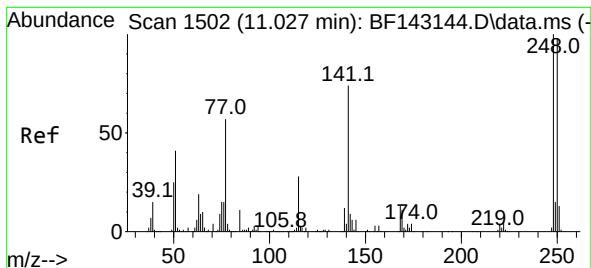
Tgt Ion:198 Resp: 104899
Ion Ratio Lower Upper
198 100
51 54.9 37.2 77.2
105 43.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.950 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:169 Resp: 592170
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.4 28.2 42.2

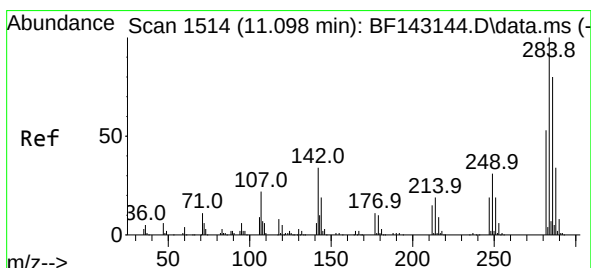
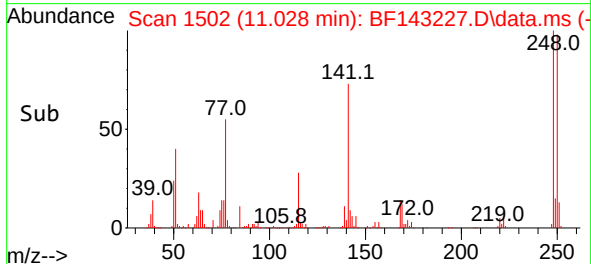
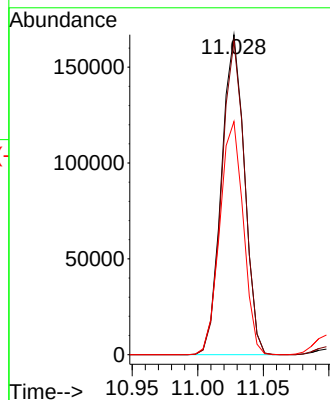
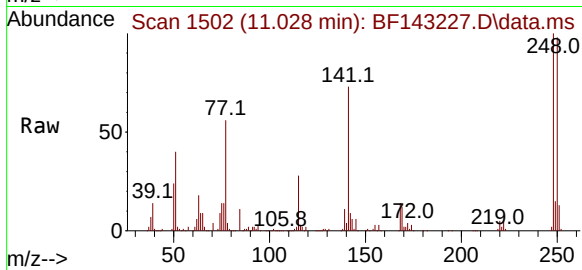




#67
4-Bromophenyl-phenylether
Concen: 44.599 ng
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

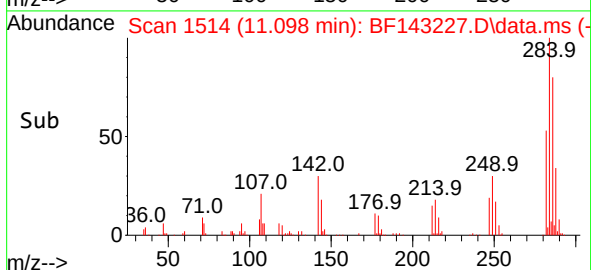
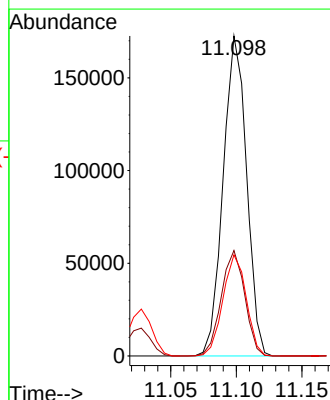
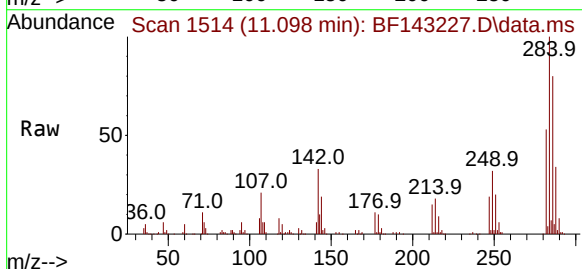
Instrument :
BNA_F
ClientSampleId :
PB168983BS

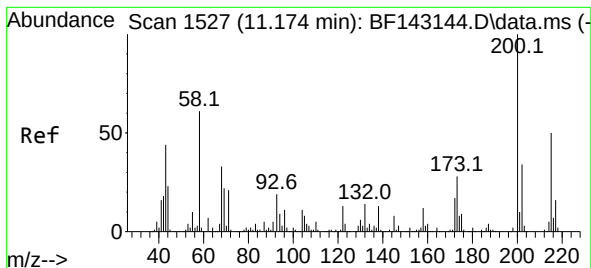
Tgt Ion:248 Resp: 203371
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 72.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.942 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:284 Resp: 214202
Ion Ratio Lower Upper
284 100
142 33.0 27.0 40.6
249 31.6 25.0 37.6





#69

Atrazine

Concen: 49.733 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

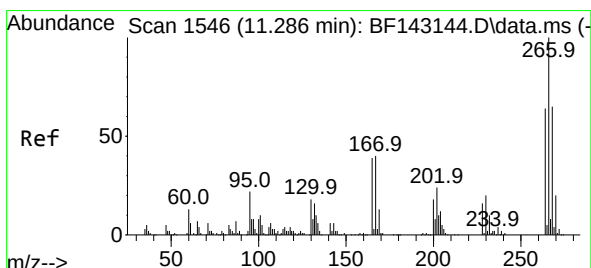
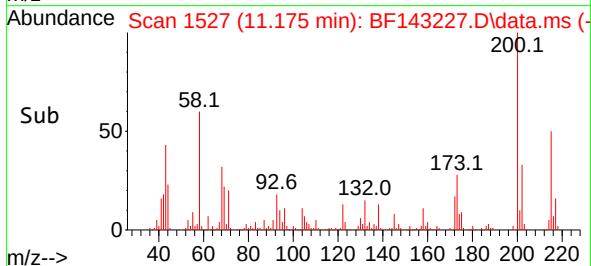
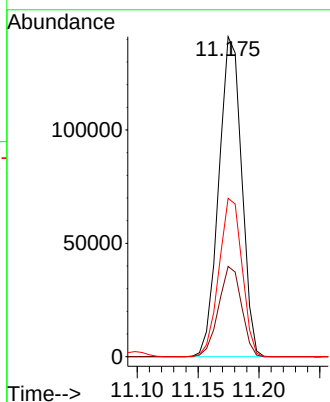
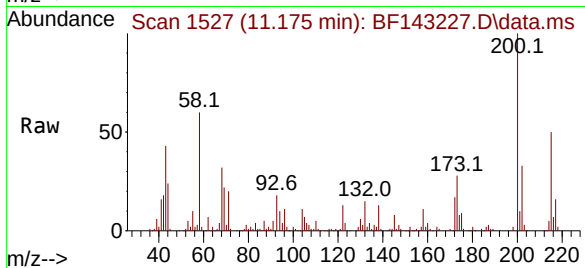
Tgt Ion:200 Resp: 184737

Ion Ratio Lower Upper

200 100

173 28.2 7.9 47.9

215 49.5 30.1 70.1



#70

Pentachlorophenol

Concen: 65.471 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

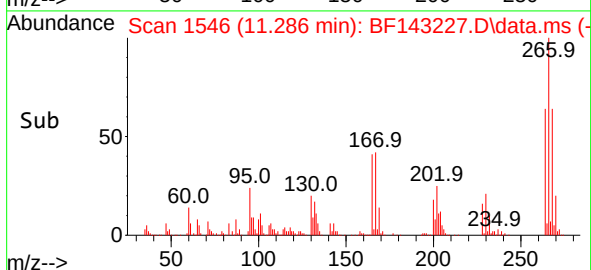
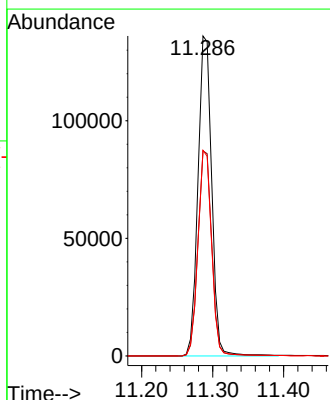
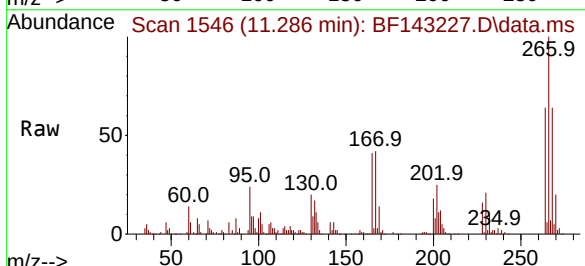
Tgt Ion:266 Resp: 183509

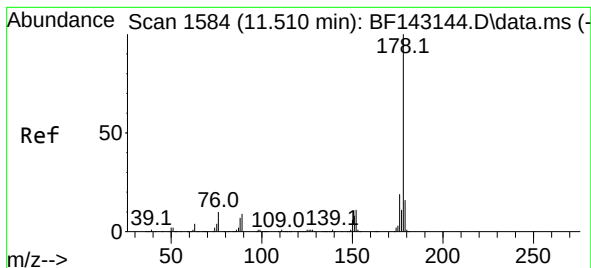
Ion Ratio Lower Upper

266 100

268 64.1 51.9 77.9

264 64.2 51.0 76.6





#71

Phenanthrene

Concen: 44.933 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

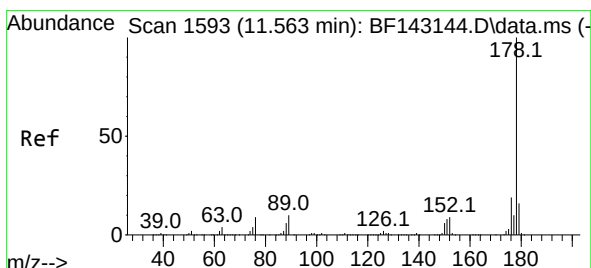
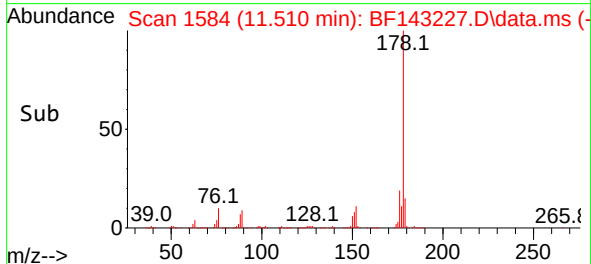
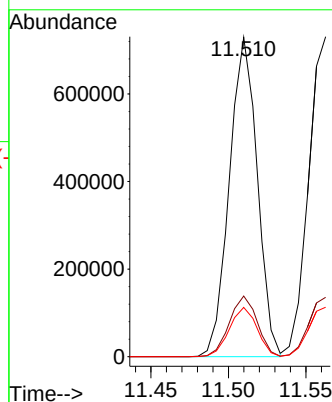
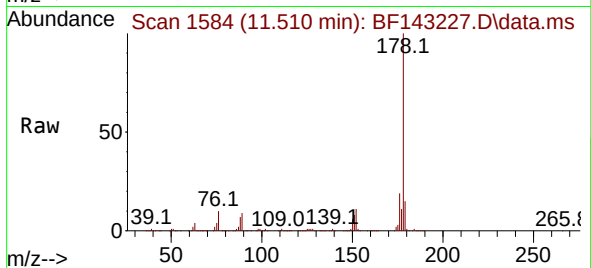
Tgt Ion:178 Resp: 912890

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 44.639 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

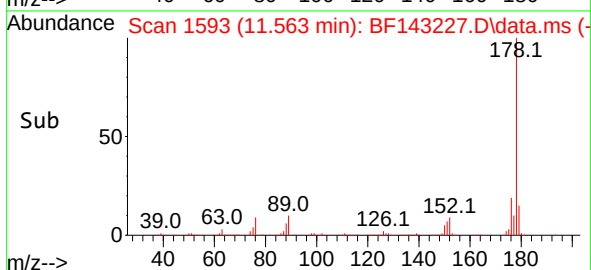
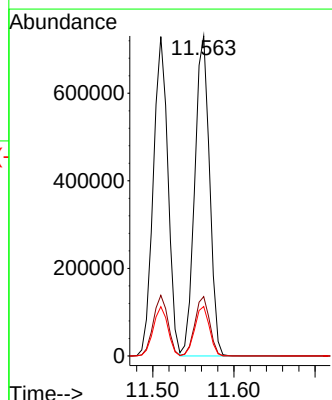
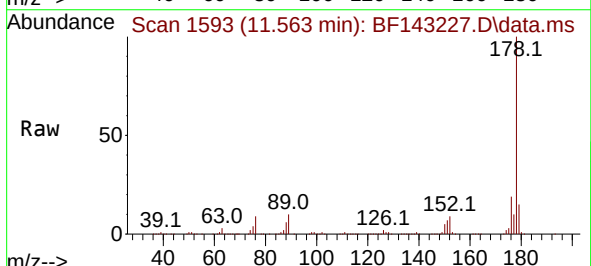
Tgt Ion:178 Resp: 924957

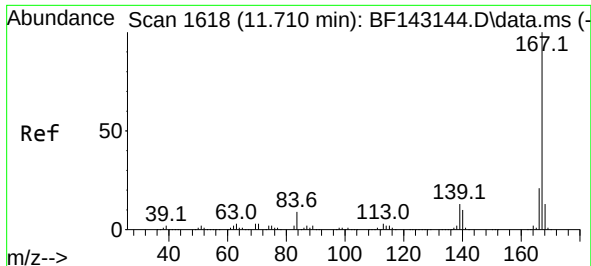
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

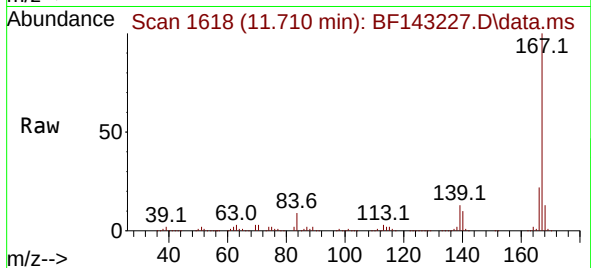
179 15.4 12.5 18.7



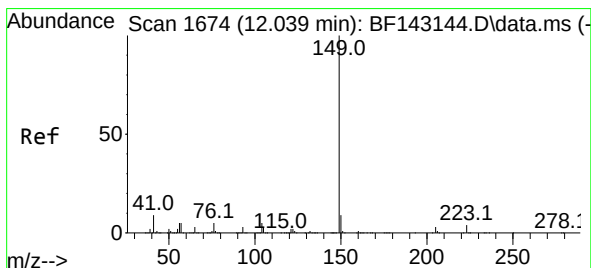
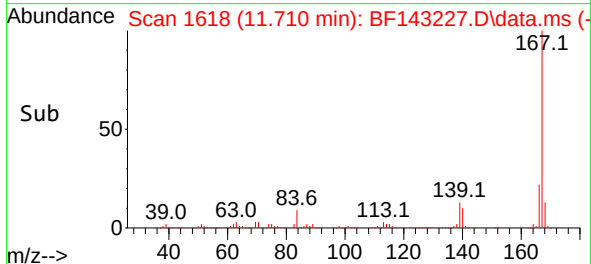
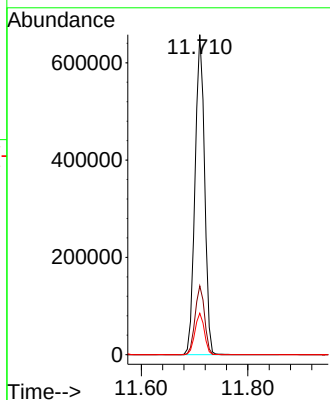


#73
 Carbazole
 Concen: 45.324 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB168983BS

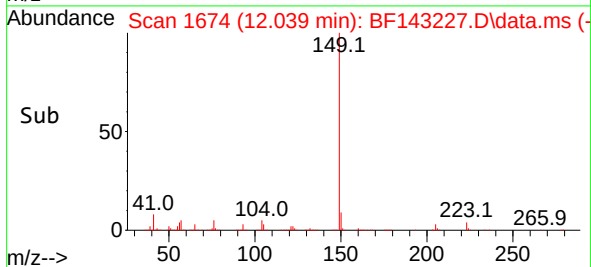
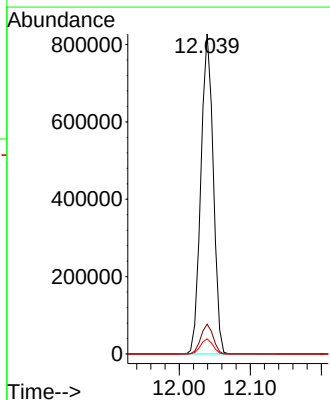
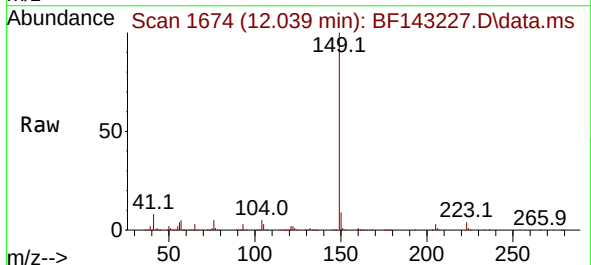


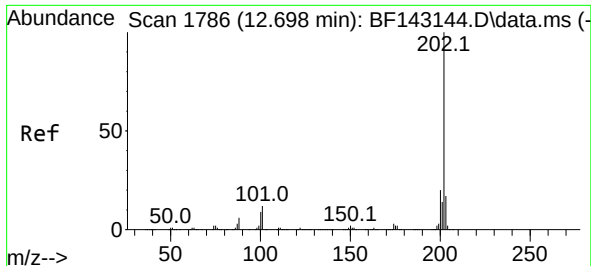
Tgt Ion:167 Resp: 820057
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.065 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143227.D
 Acq: 24 Jul 2025 11:57

Tgt Ion:149 Resp: 1004485
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8

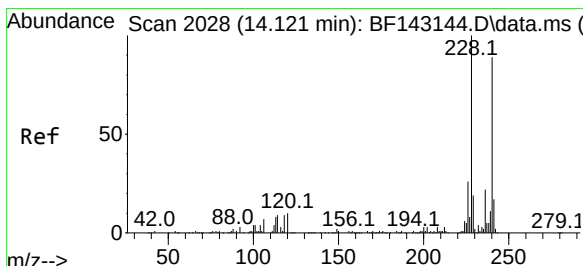
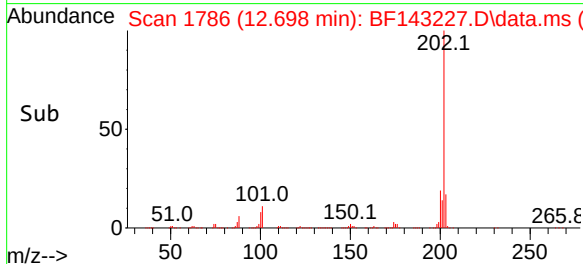
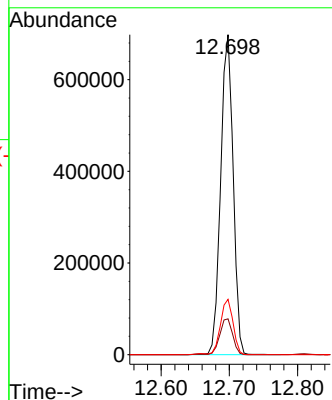
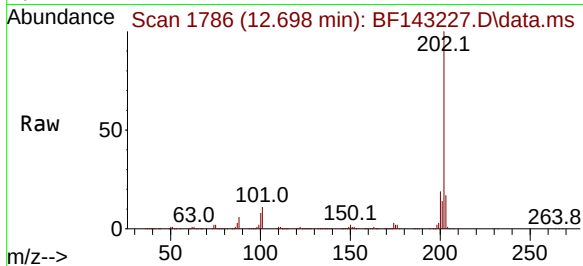




#75
Fluoranthene
Concen: 47.752 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

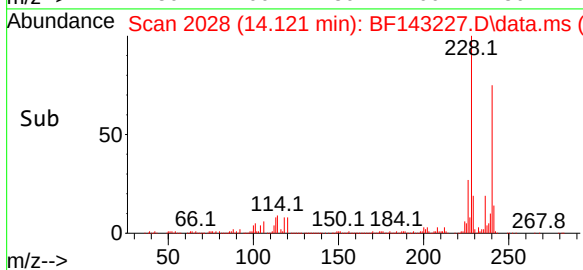
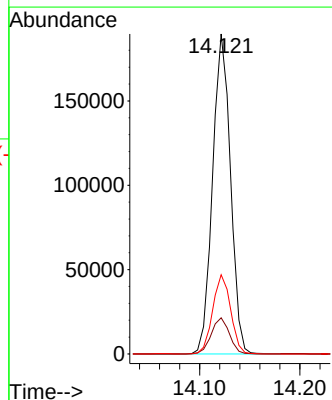
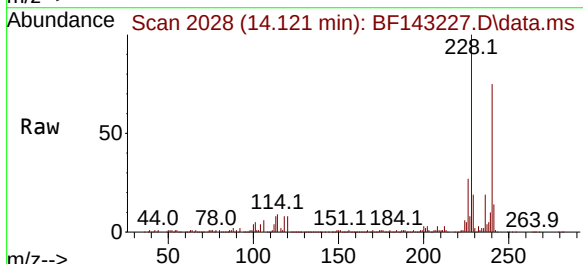
Instrument :
BNA_F
ClientSampleId :
PB168983BS

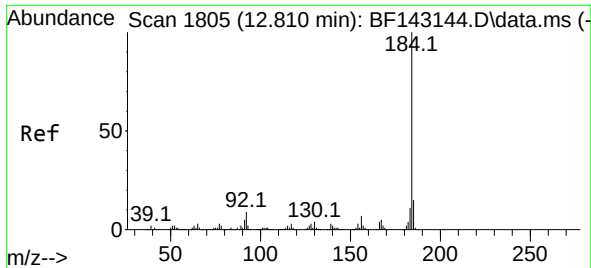
Tgt Ion:202 Resp: 890477
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:240 Resp: 235441
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.7 20.2 30.4

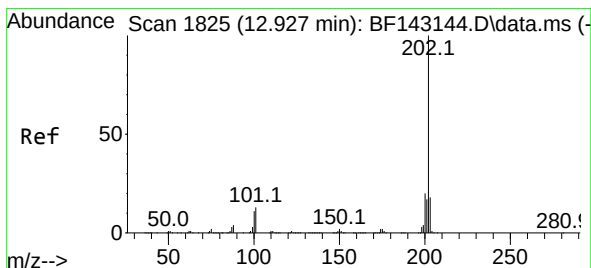
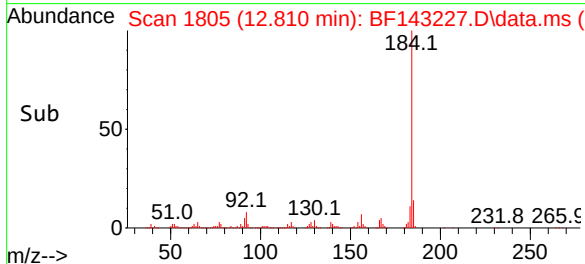
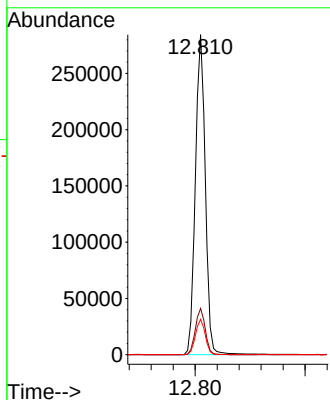
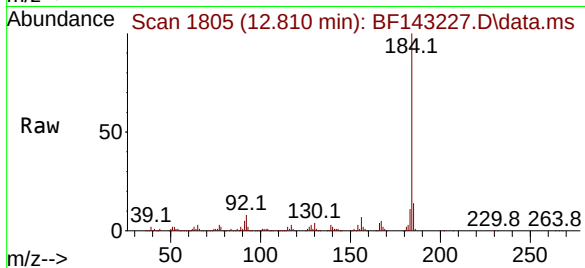




#77
Benzidine
Concen: 39.449 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

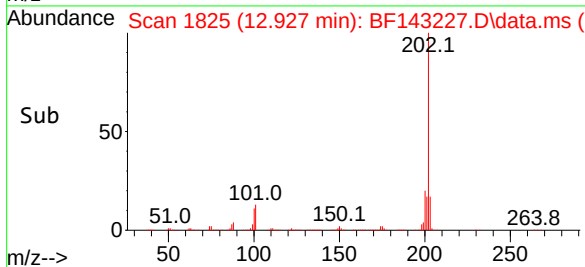
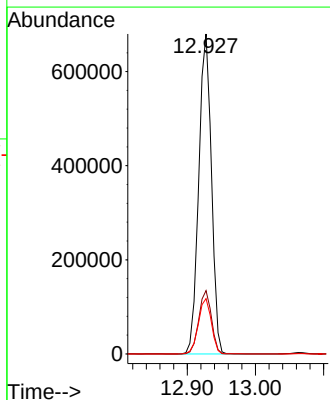
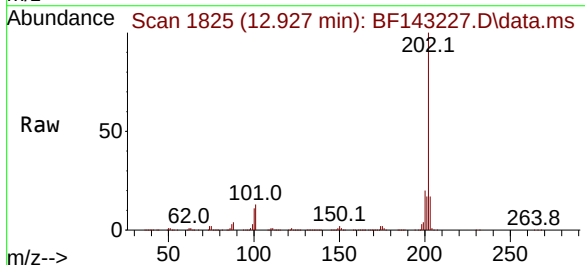
Instrument :
BNA_F
ClientSampleId :
PB168983BS

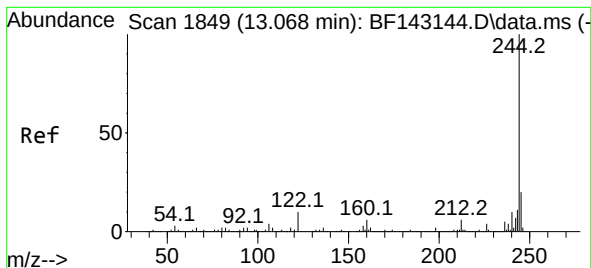
Tgt Ion:184 Resp: 357835
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 43.679 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:202 Resp: 877671
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 75.079 ng

RT: 13.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

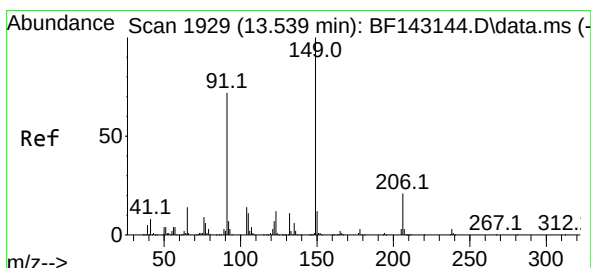
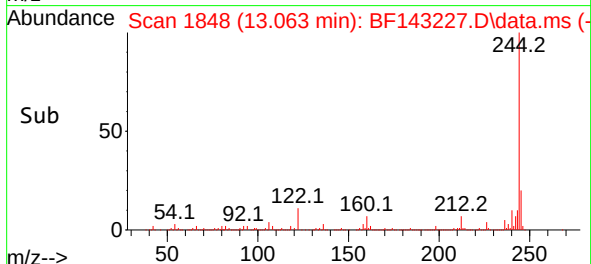
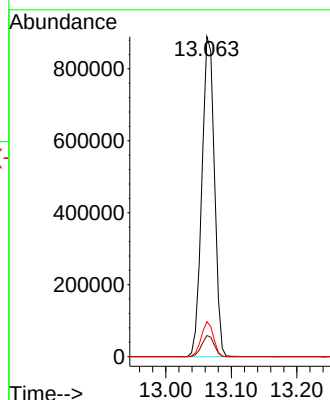
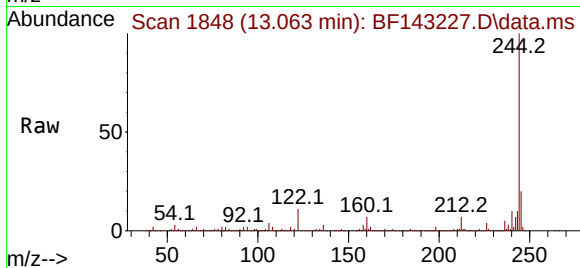
Tgt Ion:244 Resp: 1187870

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 56.755 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

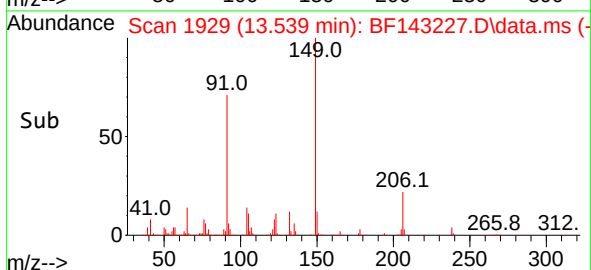
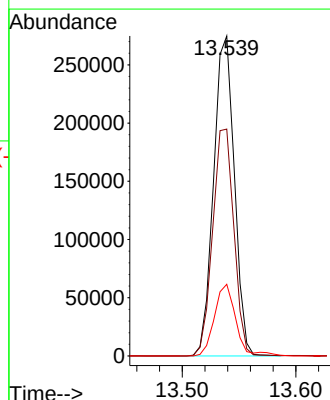
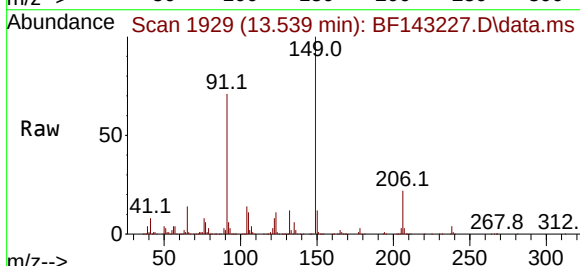
Tgt Ion:149 Resp: 349214

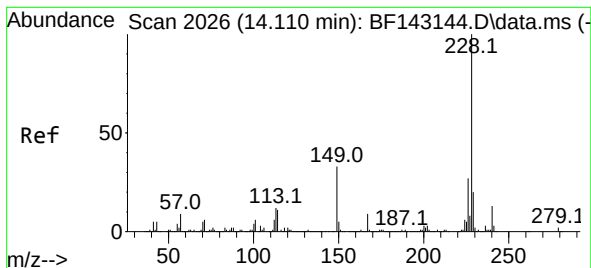
Ion Ratio Lower Upper

149 100

91 70.9 57.9 86.9

206 22.4 17.0 25.4





#81

Benzo(a)anthracene

Concen: 45.177 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

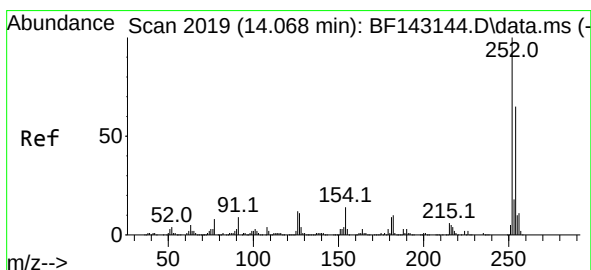
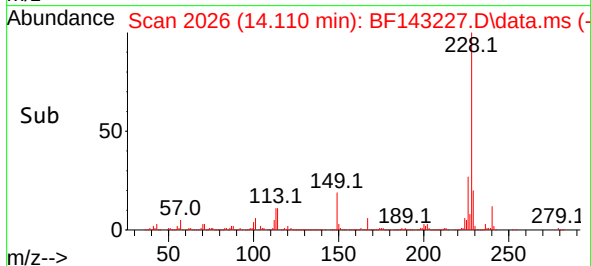
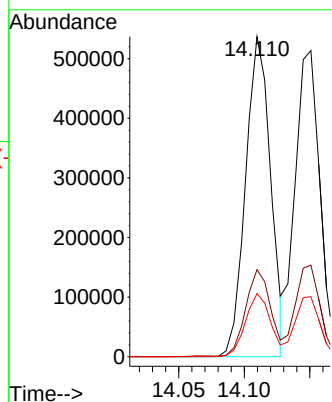
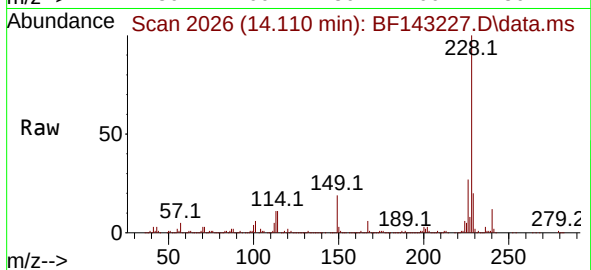
Tgt Ion:228 Resp: 712109

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 21.061 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

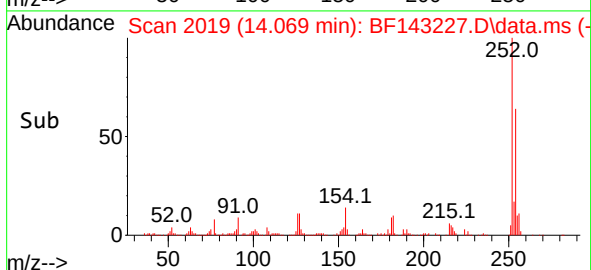
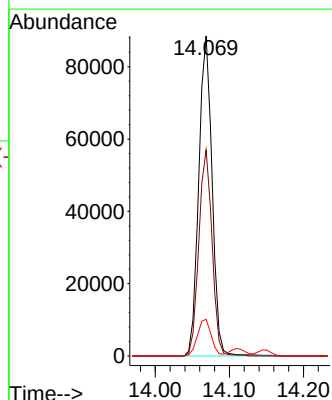
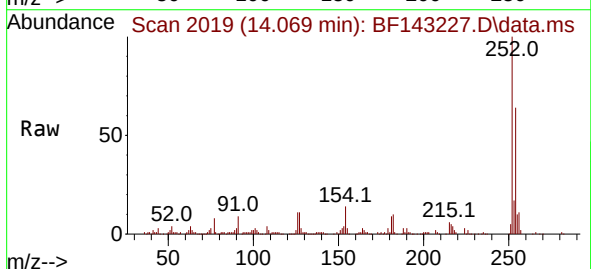
Tgt Ion:252 Resp: 110645

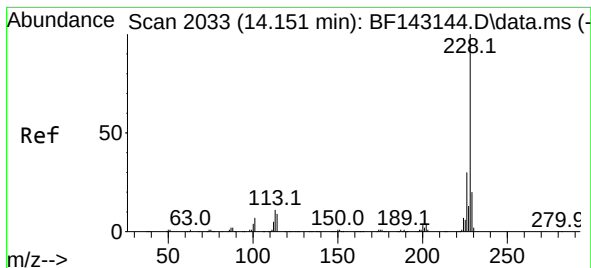
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 11.5 9.4 14.0





#83

Chrysene

Concen: 47.453 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

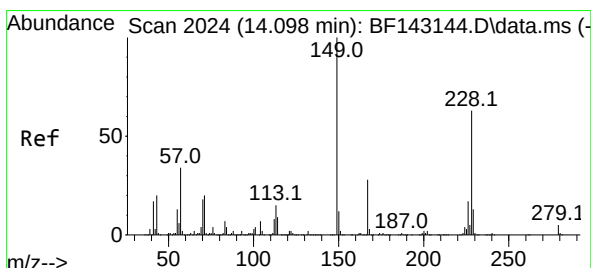
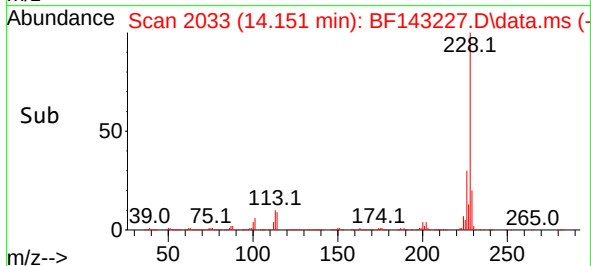
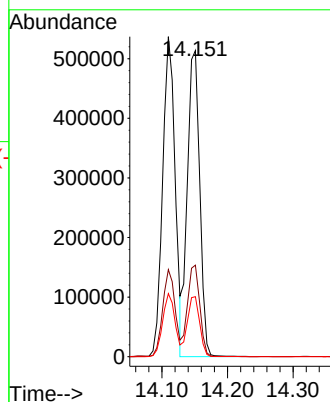
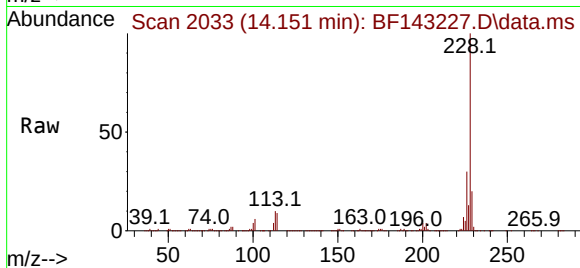
Tgt Ion:228 Resp: 672510

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.612 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

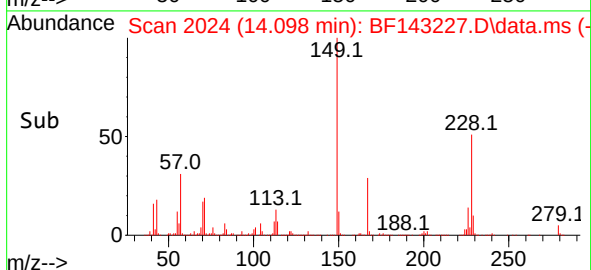
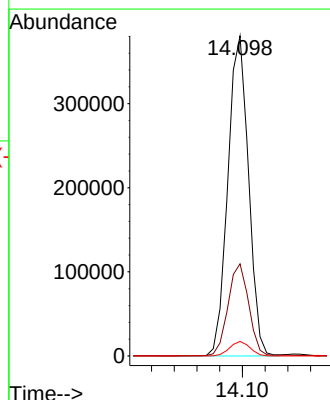
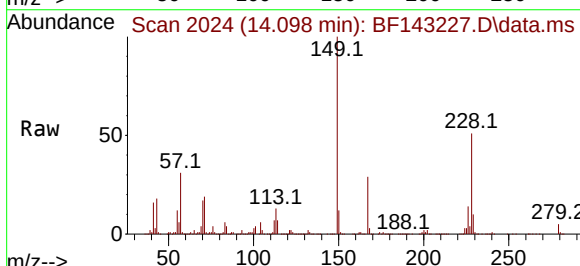
Tgt Ion:149 Resp: 480670

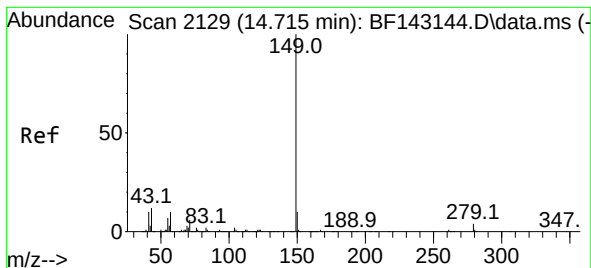
Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

279 4.5 3.6 5.4

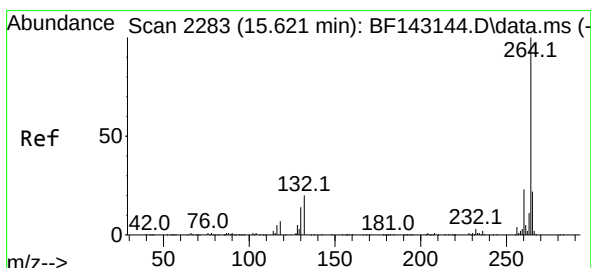
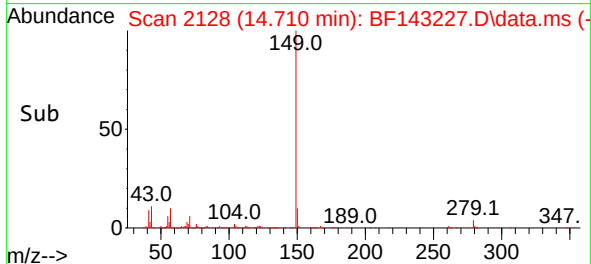
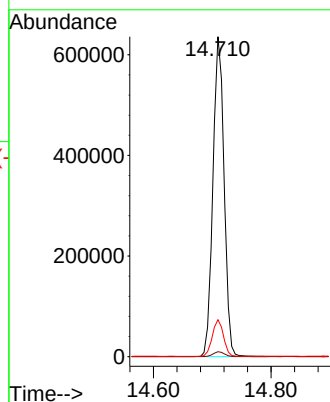
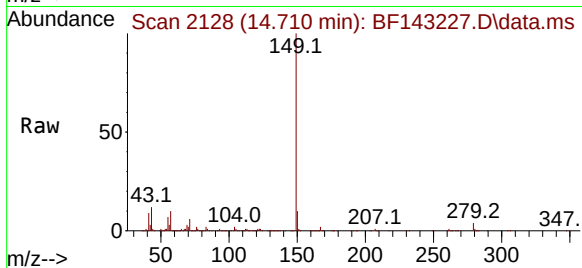




#85
Di-n-octyl phthalate
Concen: 49.577 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

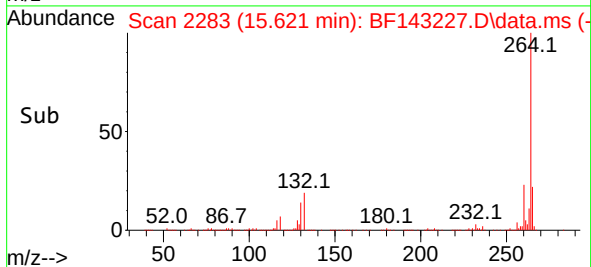
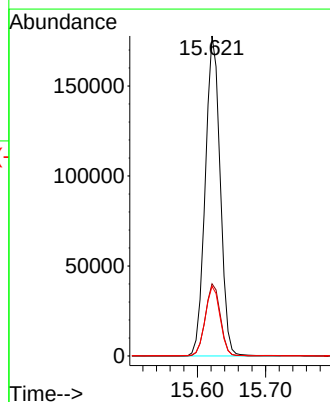
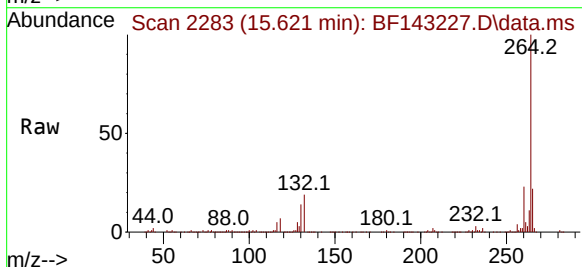
Instrument :
BNA_F
ClientSampleId :
PB168983BS

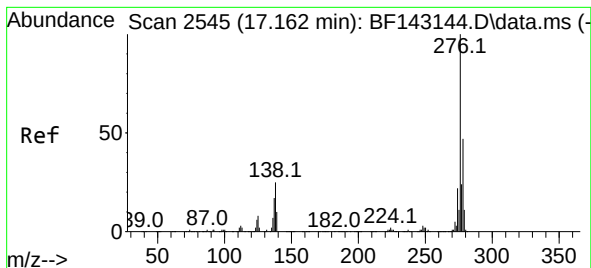
Tgt Ion:149 Resp: 836921
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:264 Resp: 270750
Ion Ratio Lower Upper
264 100
260 22.6 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.488 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

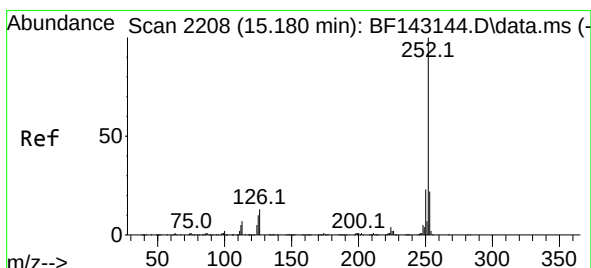
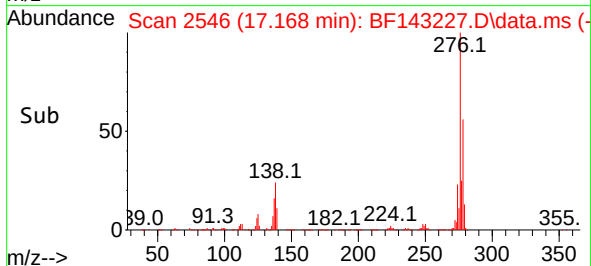
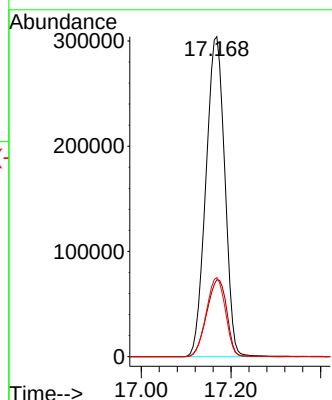
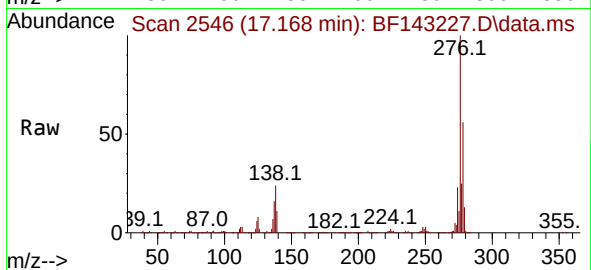
Tgt Ion:276 Resp: 887527

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.6

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.409 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

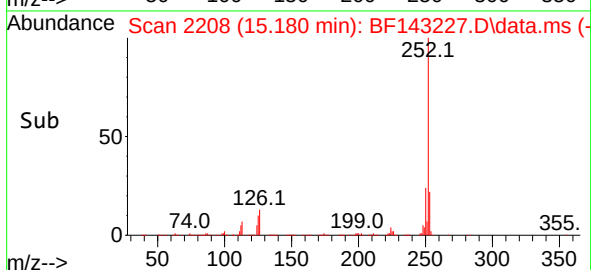
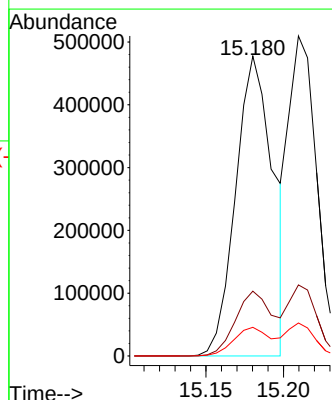
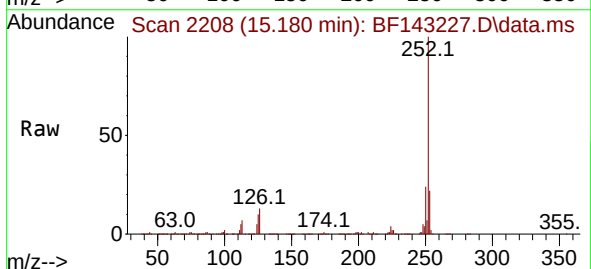
Tgt Ion:252 Resp: 800706

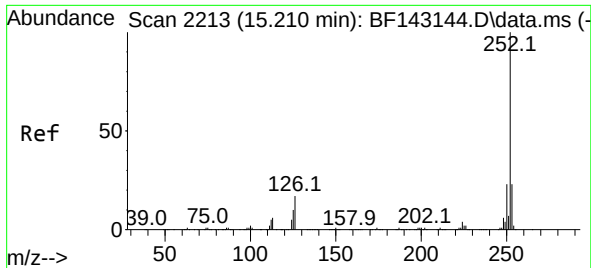
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

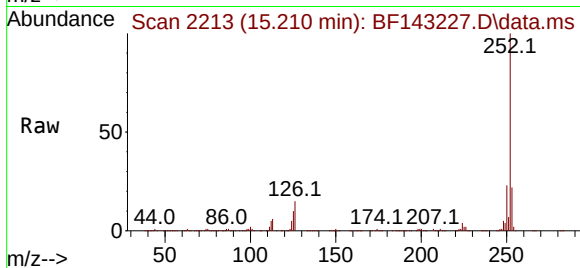
125 9.6 8.0 12.0



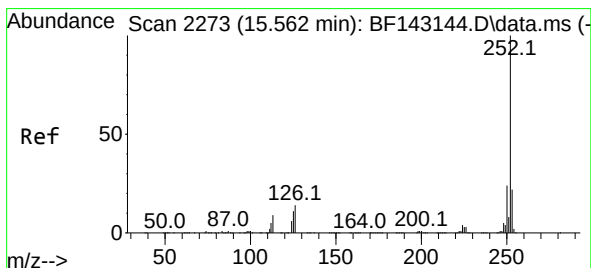
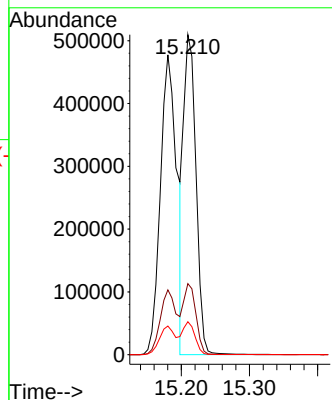
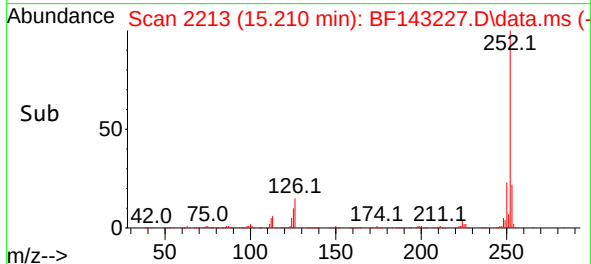


#89
Benzo(k)fluoranthene
Concen: 43.569 ng
RT: 15.210 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Instrument :
BNA_F
ClientSampleId :
PB168983BS

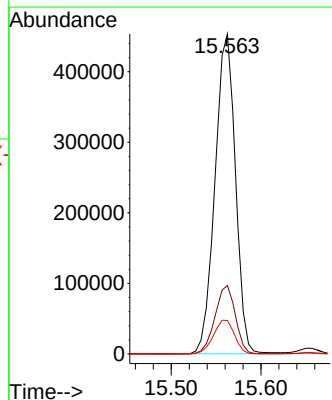
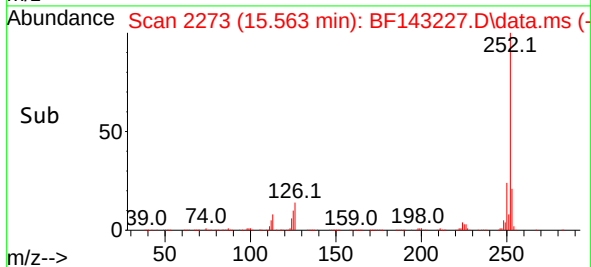
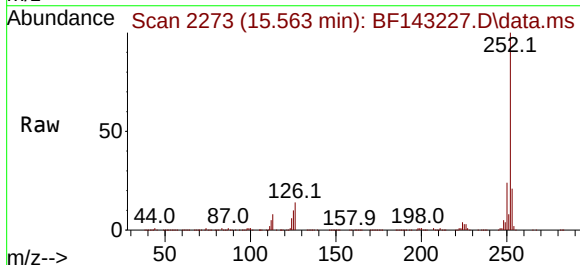


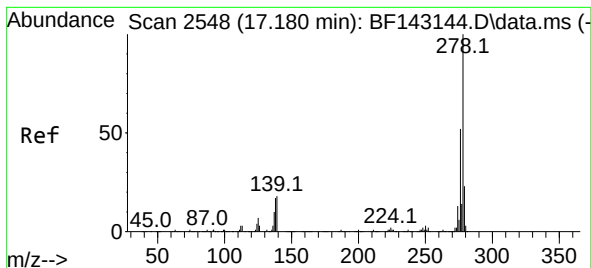
Tgt Ion:252 Resp: 643075
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 47.030 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143227.D
Acq: 24 Jul 2025 11:57

Tgt Ion:252 Resp: 716707
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.006 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Instrument :

BNA_F

ClientSampleId :

PB168983BS

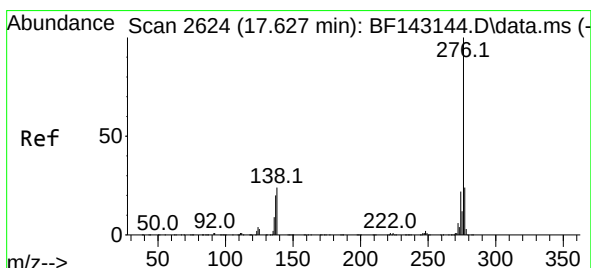
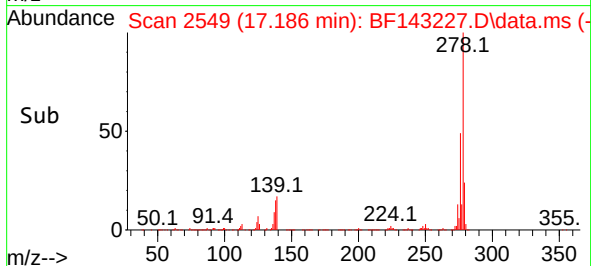
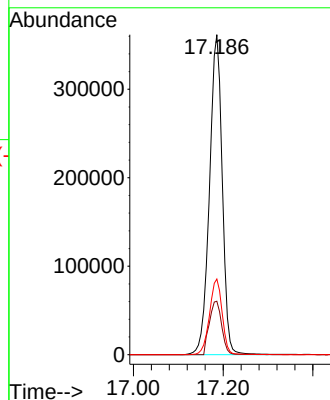
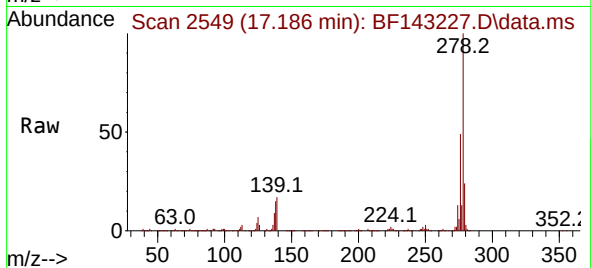
Tgt Ion:278 Resp: 714891

Ion Ratio Lower Upper

278 100

139 16.7 14.1 21.1

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 47.309 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143227.D

Acq: 24 Jul 2025 11:57

Tgt Ion:276 Resp: 711130

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 22.8 18.9 28.3

