

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143431.D
 Acq On : 18 Aug 2025 10:04
 Operator : RC/JU
 Sample : PB169256BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

Quant Time: Aug 18 12:03:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	123621	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	481072	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	268674	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	427113	20.000	ng	0.00
76) Chrysene-d12	14.086	240	218623	20.000	ng	0.00
86) Perylene-d12	15.574	264	267211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	643434	90.478	ng	0.01
7) Phenol-d6	6.557	99	814634	90.897	ng	0.00
23) Nitrobenzene-d5	7.487	82	752444	92.812	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	222683	93.118	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1395856	87.385	ng	0.00
79) Terphenyl-d14	13.027	244	1311022	100.736	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	130159	38.023	ng	98
3) Pyridine	3.587	79	352112	39.219	ng	99
4) n-Nitrosodimethylamine	3.534	42	199528	47.814	ng	98
6) Aniline	6.587	93	466075	38.307	ng	# 86
8) 2-Chlorophenol	6.716	128	362375	46.155	ng	98
9) Benzaldehyde	6.475	77	200009	41.951	ng	99
10) Phenol	6.575	94	468846	44.831	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	347135	44.780	ng	99
12) 1,3-Dichlorobenzene	6.869	146	401515	45.653	ng	99
13) 1,4-Dichlorobenzene	6.945	146	404306	46.046	ng	99
14) 1,2-Dichlorobenzene	7.098	146	386666	46.106	ng	99
15) Benzyl Alcohol	7.069	79	317216	47.996	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	597117	45.056	ng	99
17) 2-Methylphenol	7.181	107	300080	46.845	ng	99
18) Hexachloroethane	7.440	117	133486	44.664	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	251403	45.312	ng	99
20) 3+4-Methylphenols	7.334	107	350883	45.820	ng	99
22) Acetophenone	7.334	105	477025	46.119	ng	99
24) Nitrobenzene	7.504	77	389254	45.939	ng	99
25) Isophorone	7.745	82	724435	46.688	ng	100
26) 2-Nitrophenol	7.822	139	180187	45.872	ng	99
27) 2,4-Dimethylphenol	7.863	122	332729	50.099	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	435636	45.677	ng	99
29) 2,4-Dichlorophenol	8.069	162	311452	46.003	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	329123	47.445	ng	100
31) Naphthalene	8.234	128	1023422	44.810	ng	100
32) Benzoic acid	7.987	122	153599	44.469	ng	97
33) 4-Chloroaniline	8.275	127	262240	31.810	ng	99
34) Hexachlorobutadiene	8.351	225	199208	45.034	ng	98
35) Caprolactam	8.639	113	60882	31.235	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	335636	48.136	ng	97
37) 2-Methylnaphthalene	8.922	142	633350	41.141	ng	99
38) 1-Methylnaphthalene	9.022	142	650273	44.087	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	327780	43.745	ng	98
41) Hexachlorocyclopentadiene	9.081	237	331763	117.992	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	212589	45.482	ng	98

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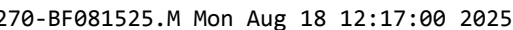
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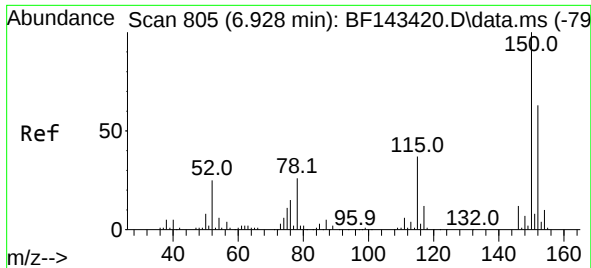
Quant Time: Aug 18 12:03:56 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	234612	46.826	ng	99
46) 1,1'-Biphenyl	9.386	154	853015	45.187	ng	99
47) 2-Chloronaphthalene	9.410	162	667671	44.807	ng	99
48) 2-Nitroaniline	9.504	65	211253	47.639	ng	97
49) Acenaphthylene	9.828	152	1079824	50.190	ng	100
50) Dimethylphthalate	9.681	163	803409	47.963	ng	100
51) 2,6-Dinitrotoluene	9.739	165	174219	52.761	ng	100
52) Acenaphthene	9.998	154	686920	47.471	ng	100
53) 3-Nitroaniline	9.910	138	128803	35.017	ng	97
54) 2,4-Dinitrophenol	10.022	184	134762	87.224	ng	96
55) Dibenzofuran	10.169	168	950977	45.557	ng	99
56) 4-Nitrophenol	10.081	139	234148	101.253	ng	99
57) 2,4-Dinitrotoluene	10.145	165	231616	52.611	ng	97
58) Fluorene	10.510	166	727741	45.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	203698	53.708	ng	99
60) Diethylphthalate	10.381	149	741850	47.926	ng	99
61) 4-Chlorophenyl-phenylether	10.498	204	363591	45.859	ng	99
62) 4-Nitroaniline	10.528	138	167717	48.756	ng	97
63) Azobenzene	10.663	77	749441	47.903	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	105676	47.953	ng	96
66) n-Nitrosodiphenylamine	10.616	169	644051	46.376	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	233984	46.392	ng	99
68) Hexachlorobenzene	11.063	284	248281	46.305	ng	99
69) Atrazine	11.145	200	202844	49.937	ng	99
70) Pentachlorophenol	11.257	266	237038	100.525	ng	99
71) Phenanthrene	11.475	178	1043588	45.121	ng	99
72) Anthracene	11.528	178	1063305	45.517	ng	99
73) Carbazole	11.675	167	906556	45.884	ng	99
74) Di-n-butylphthalate	12.004	149	980650	49.842	ng	100
75) Fluoranthene	12.663	202	943315	45.901	ng	100
77) Benzidine	12.774	184	298325	45.695	ng	100
78) Pyrene	12.892	202	923857	48.619	ng	100
80) Butylbenzylphthalate	13.498	149	248867	52.876	ng	99
81) Benzo(a)anthracene	14.074	228	657299	47.224	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	122821	30.138	ng	100
83) Chrysene	14.110	228	620561	48.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	331064	49.530	ng	99
85) Di-n-octyl phthalate	14.668	149	619778	45.717	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	912222	45.524	ng	100
88) Benzo(b)fluoranthene	15.139	252	669374	46.739	ng	99
89) Benzo(k)fluoranthene	15.168	252	689259	48.795	ng	99
90) Benzo(a)pyrene	15.515	252	683001	50.072	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	742760	46.158	ng	100
92) Benzo(g,h,i)perylene	17.557	276	754836	46.956	ng	100

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

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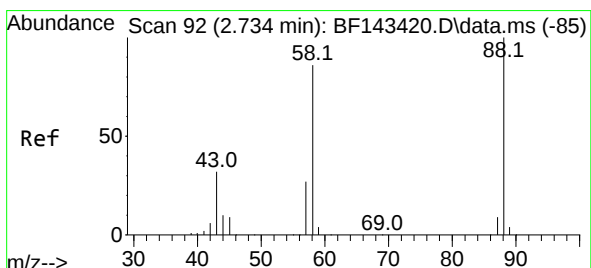
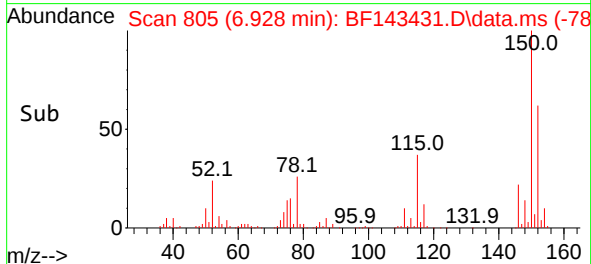
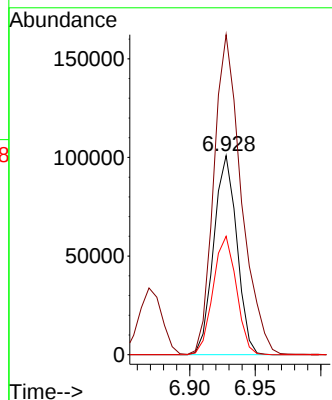
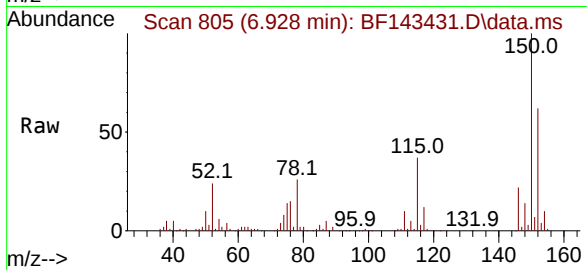




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

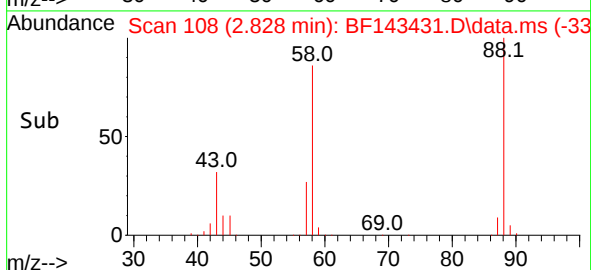
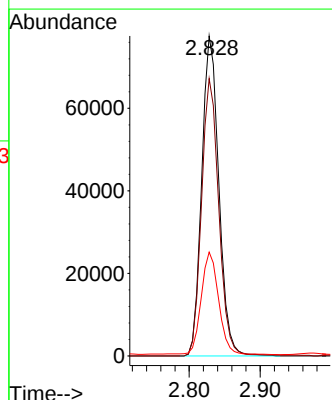
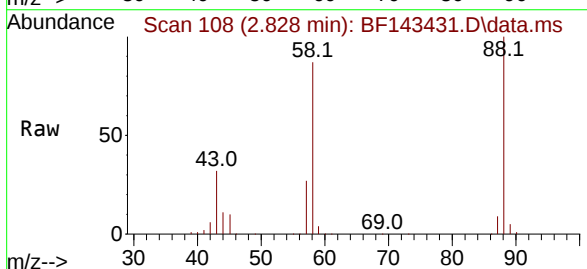
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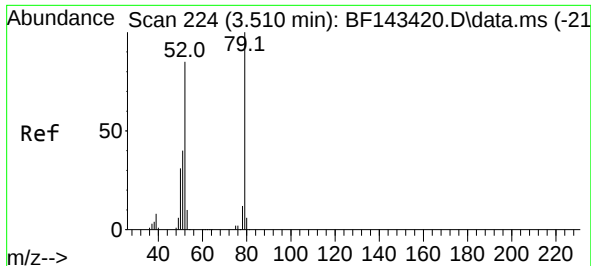
Tgt Ion:152 Resp: 123621
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.4 191.2
 115 59.5 47.5 71.3



#2
 1,4-Dioxane
 Concen: 38.023 ng
 RT: 2.828 min Scan# 108
 Delta R.T. 0.094 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

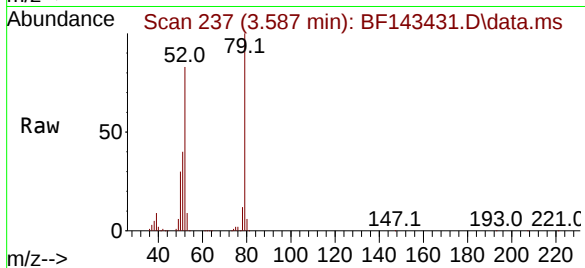
Tgt Ion: 88 Resp: 130159
 Ion Ratio Lower Upper
 88 100
 58 87.5 68.7 103.1
 43 32.1 26.1 39.1



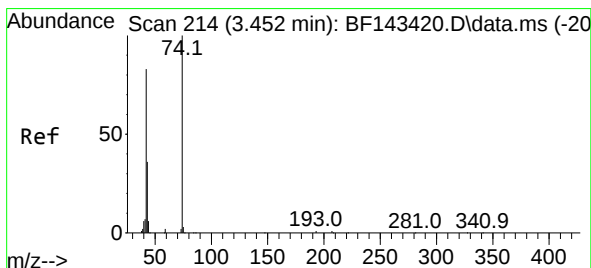
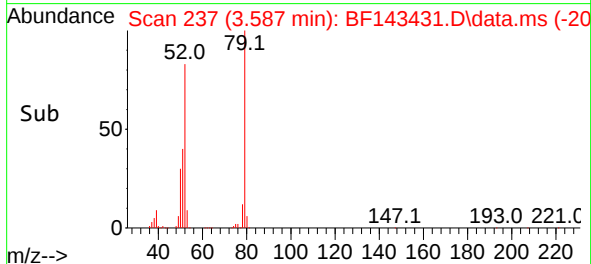
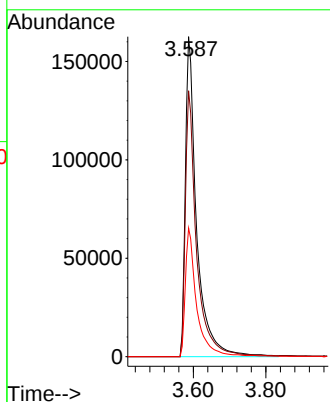


#3
Pyridine
Concen: 39.219 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
PB169256BS

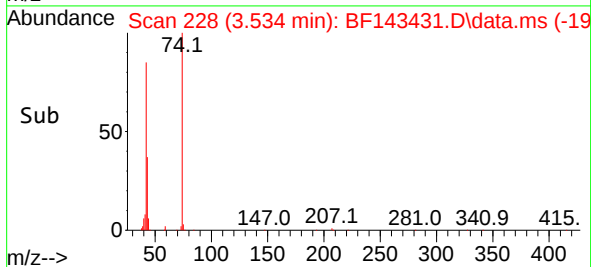
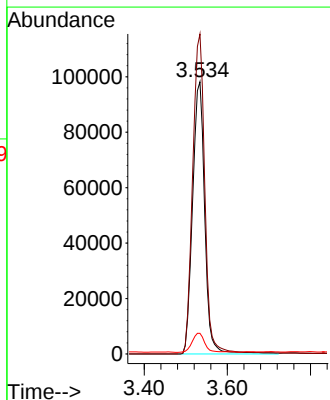
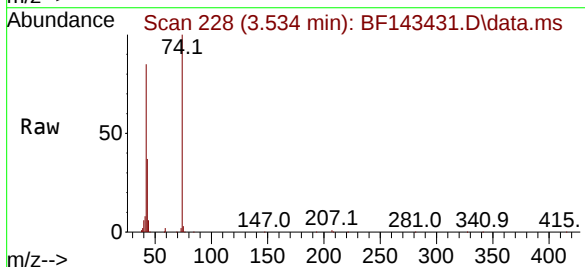


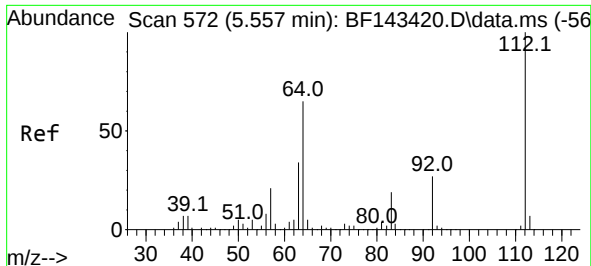
Tgt Ion: 79 Resp: 352112
Ion Ratio Lower Upper
79 100
52 83.1 67.7 101.5
51 40.2 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 47.814 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.082 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 42 Resp: 199528
Ion Ratio Lower Upper
42 100
74 117.6 96.2 144.4
44 7.6 5.9 8.9

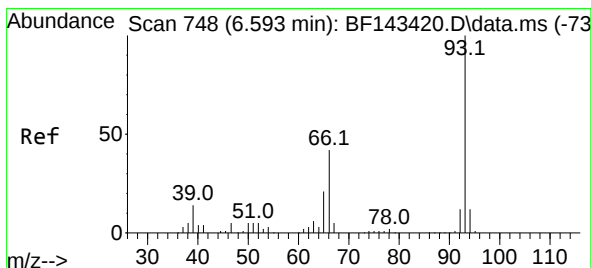
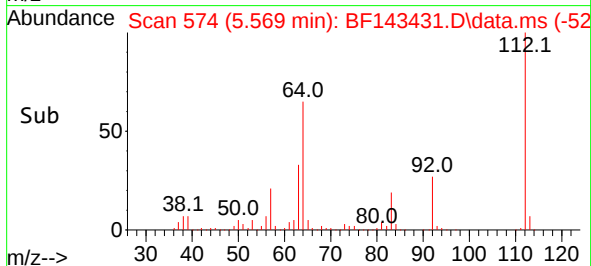
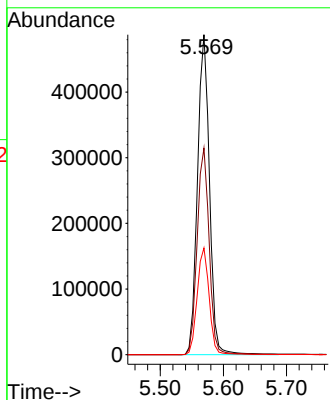
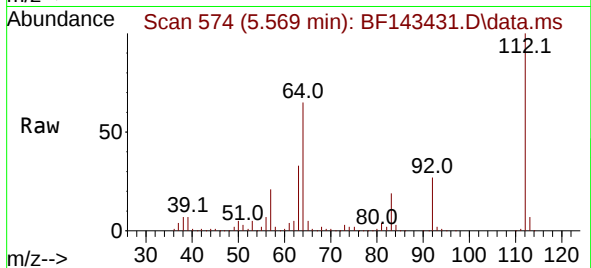




#5
2-Fluorophenol
Concen: 90.478 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

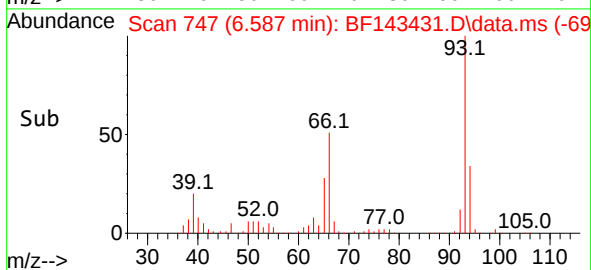
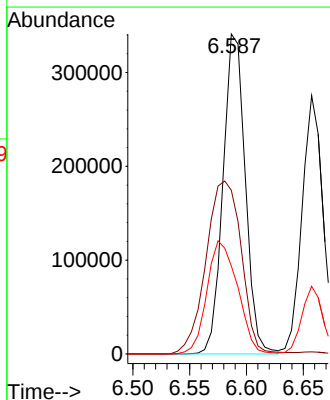
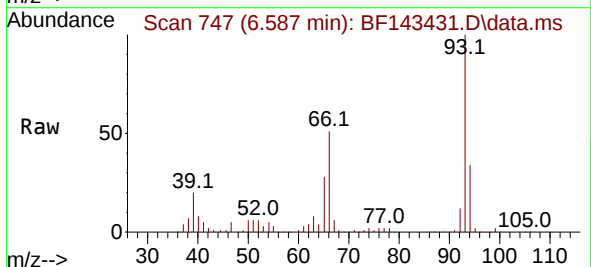
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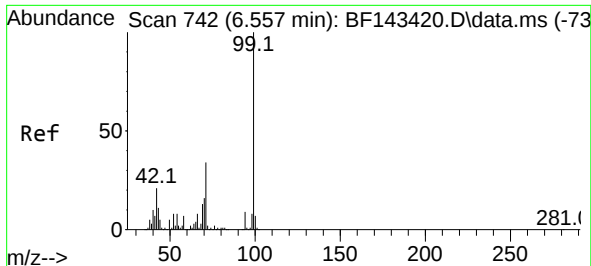
Tgt Ion:112 Resp: 643434
Ion Ratio Lower Upper
112 100
64 64.5 52.2 78.2
63 33.3 27.0 40.6



#6
Aniline
Concen: 38.307 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 93 Resp: 466075
Ion Ratio Lower Upper
93 100
66 51.2 33.8 50.8#
65 27.5 17.2 25.8#





#7

Phenol-d6

Concen: 90.897 ng

RT: 6.557 min Scan# 742

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

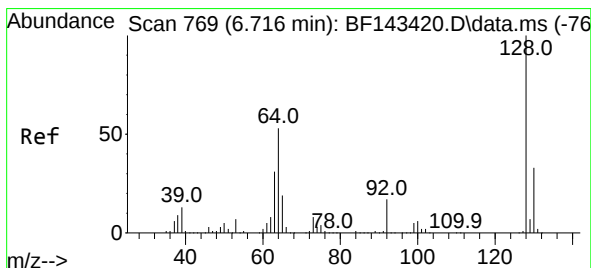
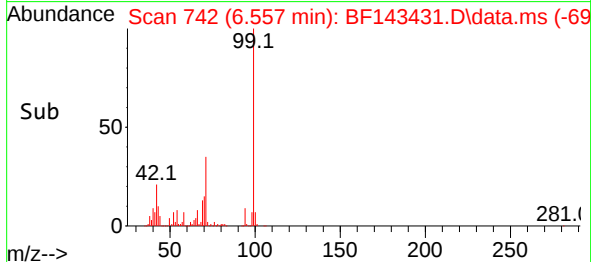
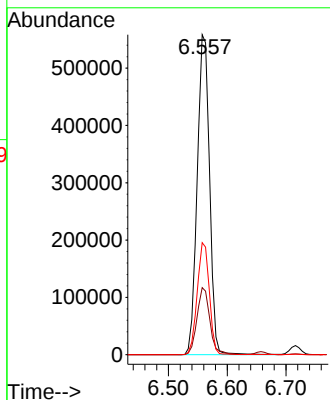
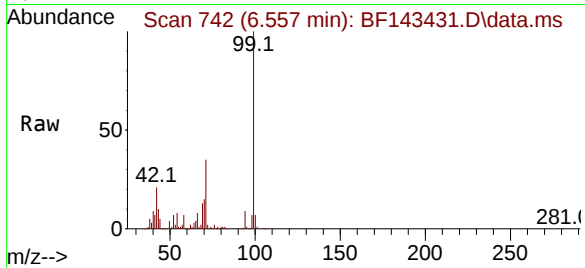
Tgt Ion: 99 Resp: 814634

Ion Ratio Lower Upper

99 100

42 20.9 17.0 25.6

71 35.0 27.4 41.2



#8

2-Chlorophenol

Concen: 46.155 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

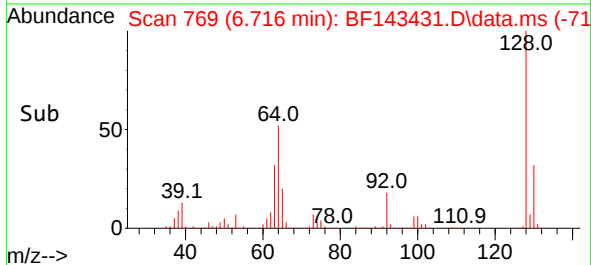
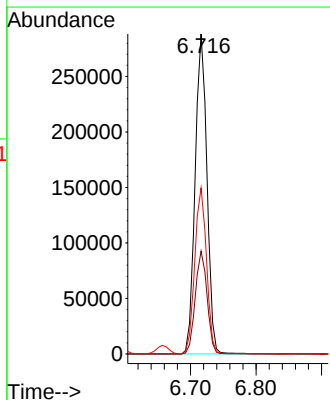
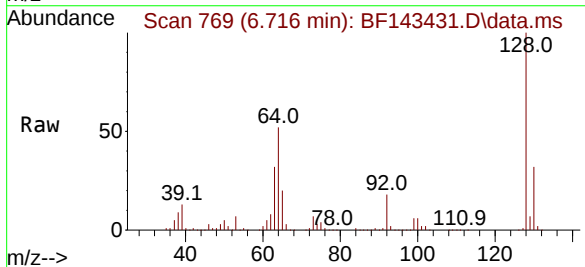
Tgt Ion: 128 Resp: 362375

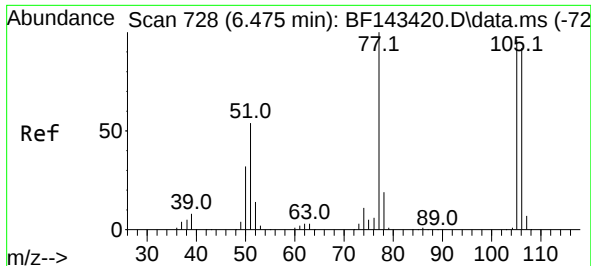
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 51.9 33.1 73.1





#9

Benzaldehyde

Concen: 41.951 ng

RT: 6.475 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

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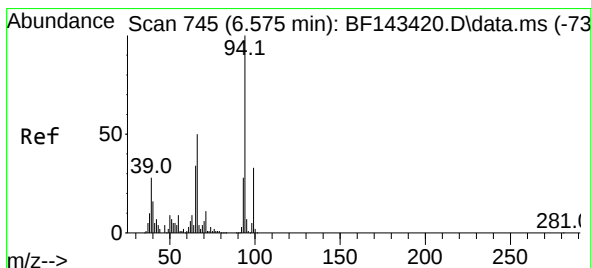
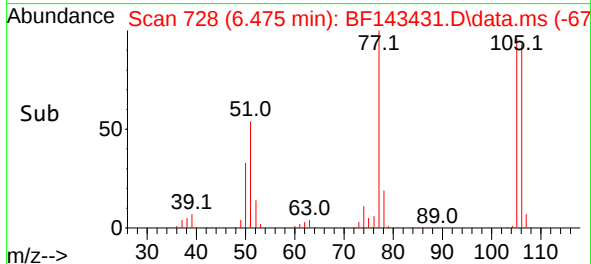
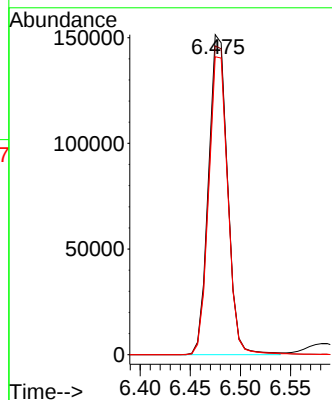
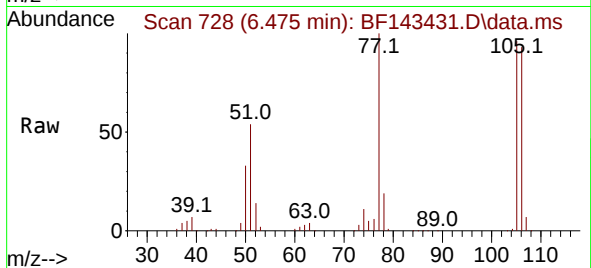
Tgt Ion: 77 Resp: 200009

Ion Ratio Lower Upper

77 100

105 96.5 75.5 115.5

106 93.1 72.0 112.0



#10

Phenol

Concen: 44.831 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

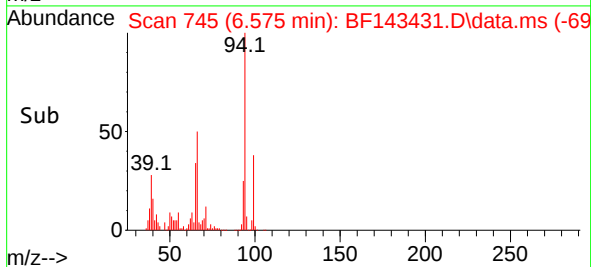
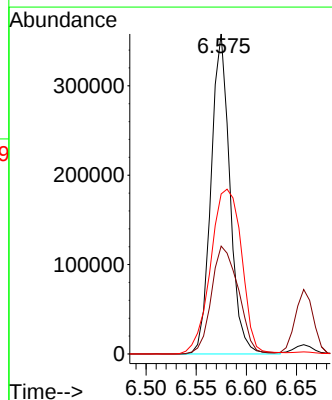
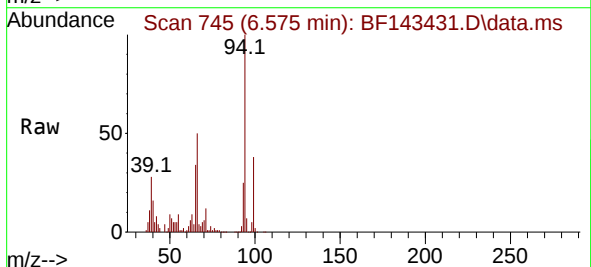
Tgt Ion: 94 Resp: 468846

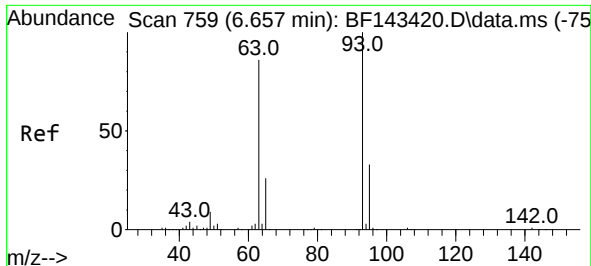
Ion Ratio Lower Upper

94 100

65 33.7 13.7 53.7

66 50.0 30.3 70.3

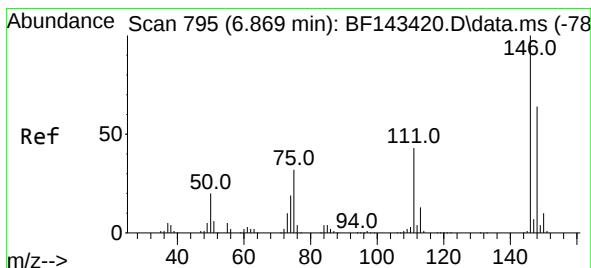
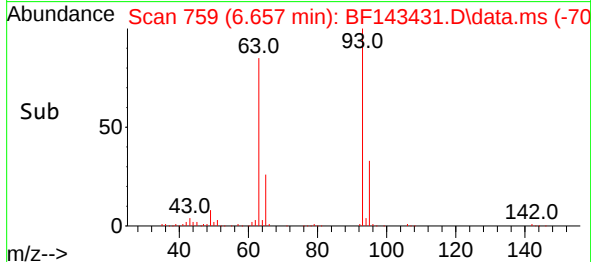
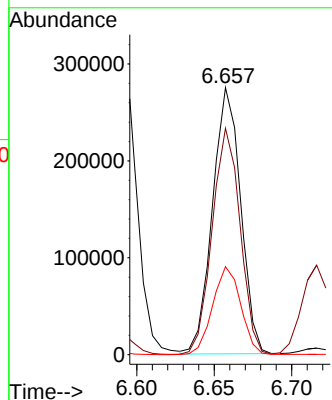
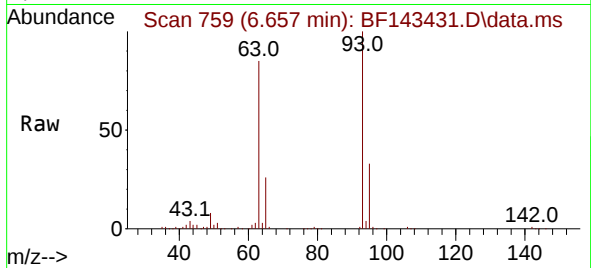




#11
bis(2-Chloroethyl)ether
Concen: 44.780 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

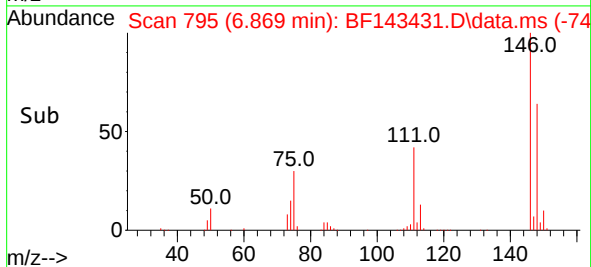
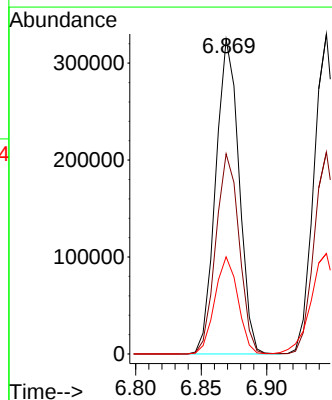
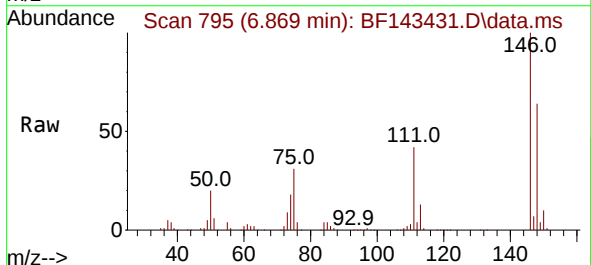
Instrument :
BNA_F
ClientSampleId :
PB169256BS

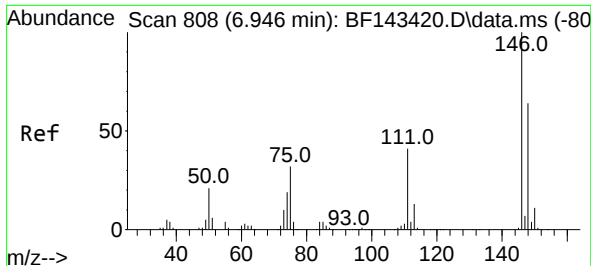
Tgt Ion: 93 Resp: 347135
Ion Ratio Lower Upper
93 100
63 84.8 65.4 105.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.653 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 146 Resp: 401515
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 30.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 46.046 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

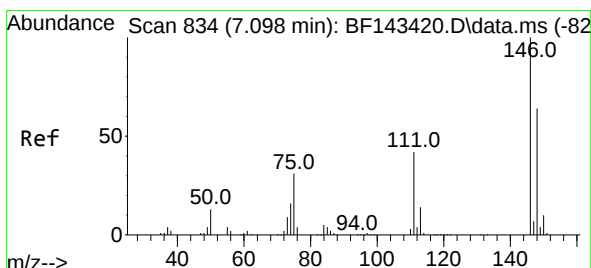
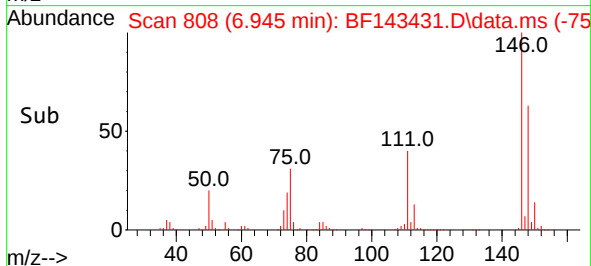
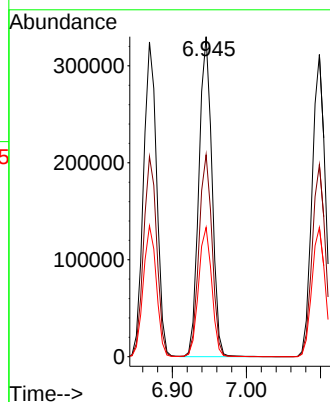
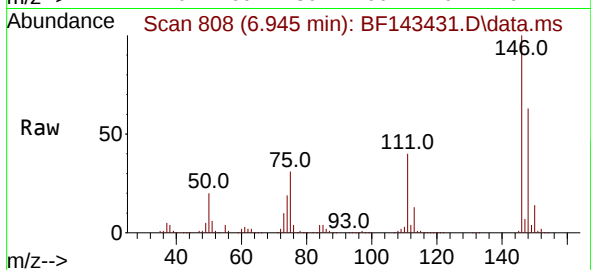
Tgt Ion:146 Resp: 404306

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

111 40.4 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 46.106 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

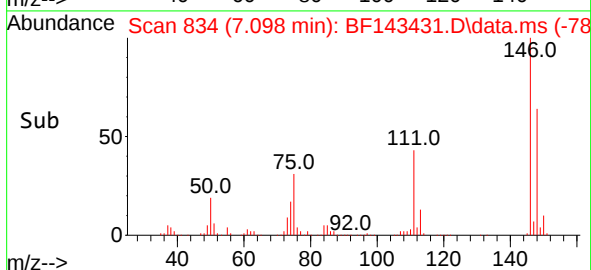
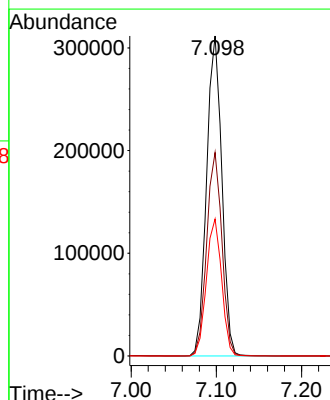
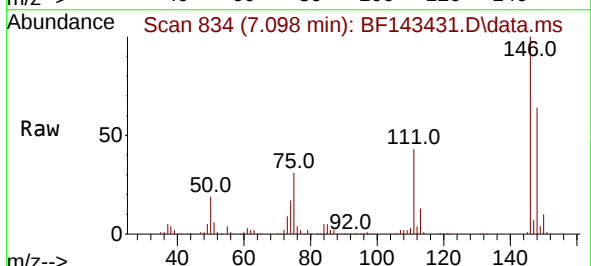
Tgt Ion:146 Resp: 386666

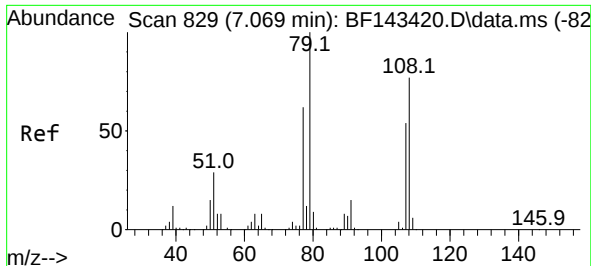
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 42.8 33.9 50.9

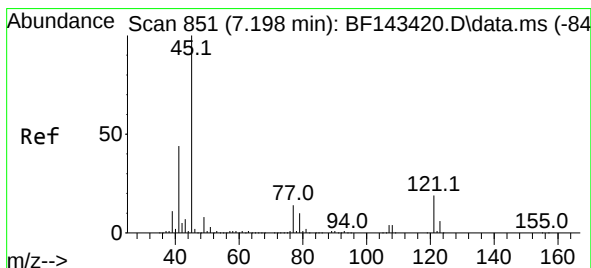
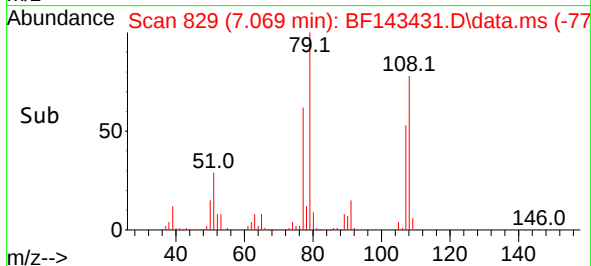
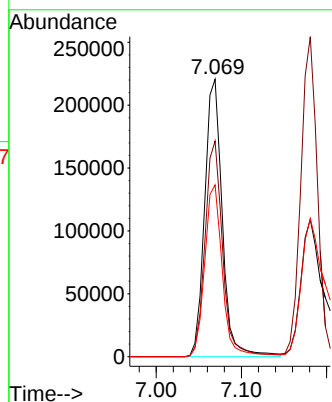
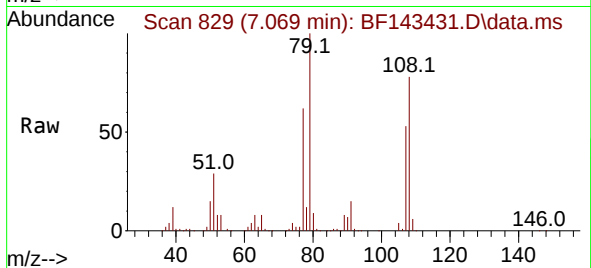




#15
Benzyl Alcohol
Concen: 47.996 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

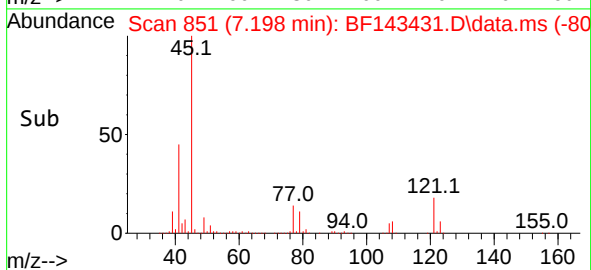
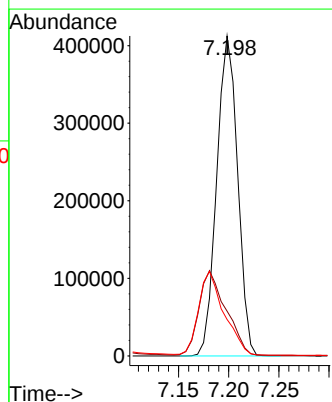
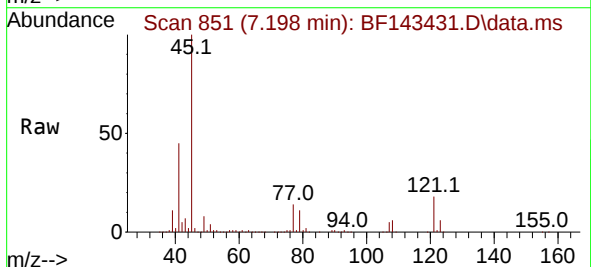
Instrument :
BNA_F
ClientSampleId :
PB169256BS

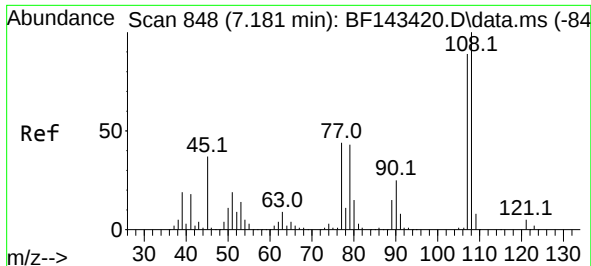
Tgt Ion: 79 Resp: 317216
Ion Ratio Lower Upper
79 100
108 77.7 61.9 92.9
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.056 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 45 Resp: 597117
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 11.4 0.0 30.7

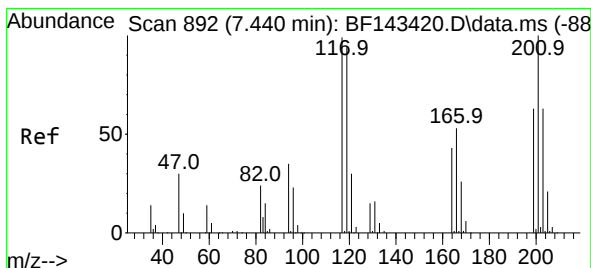
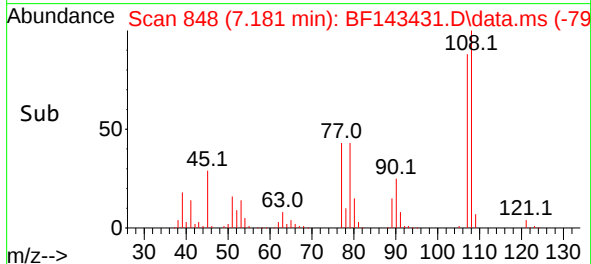
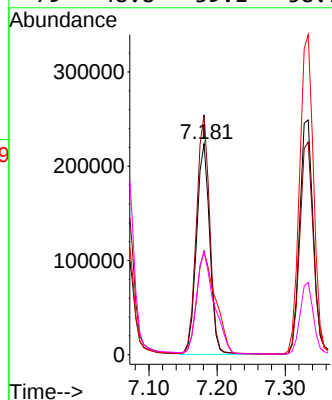
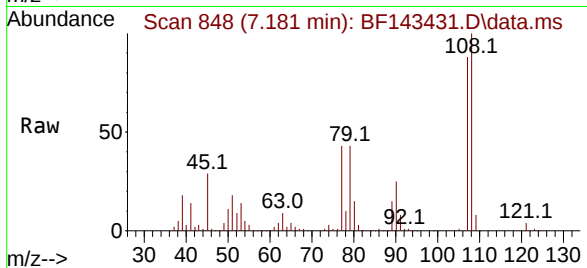




#17
2-Methylphenol
Concen: 46.845 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

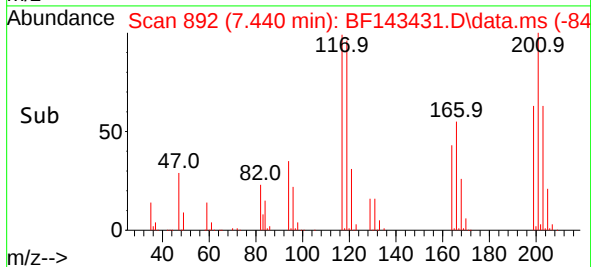
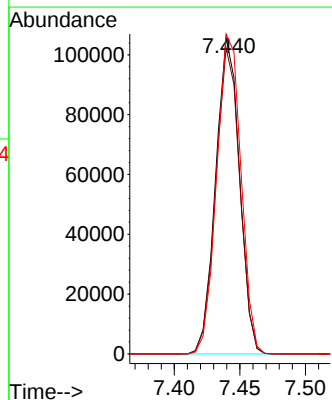
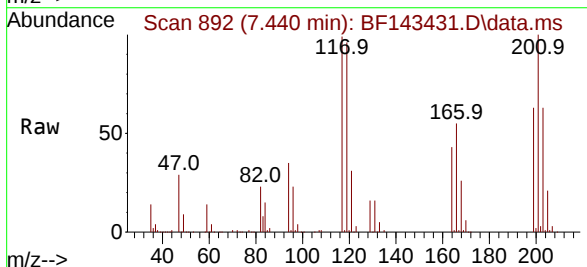
Instrument :
BNA_F
ClientSampleId :
PB169256BS

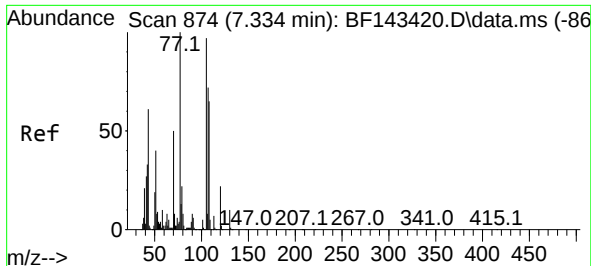
Tgt Ion:107 Resp: 300080
Ion Ratio Lower Upper
107 100
108 113.7 90.1 135.1
77 49.1 39.9 59.9
79 48.8 39.1 58.7



#18
Hexachloroethane
Concen: 44.664 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:117 Resp: 133486
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 101.2 81.0 121.4



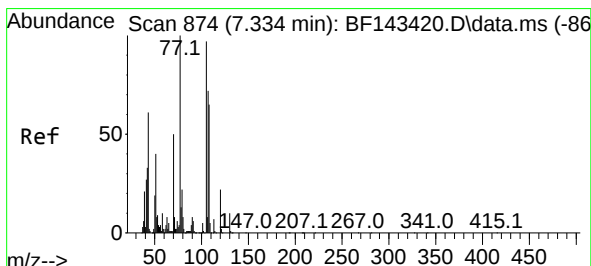
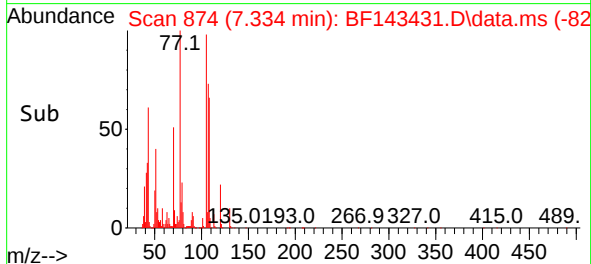
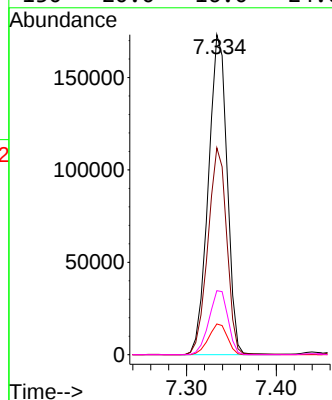
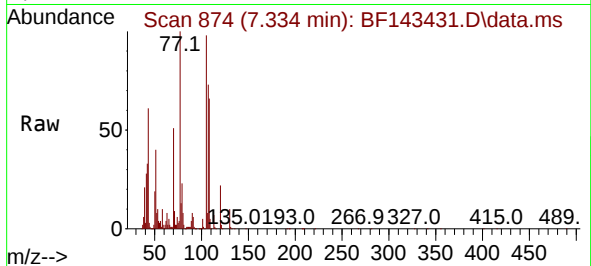


#19
n-Nitroso-di-n-propylamine
Concen: 45.312 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
PB169256BS

Tgt Ion: 70 Resp: 251403

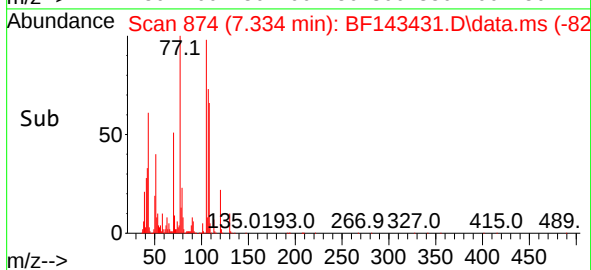
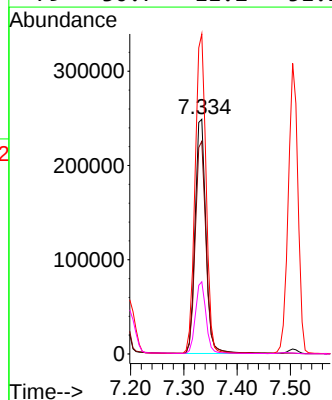
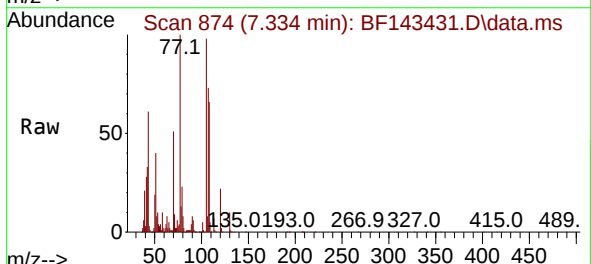
Ion	Ratio	Lower	Upper
70	100		
42	64.7	52.5	78.7
101	9.6	7.9	11.9
130	20.0	16.0	24.0

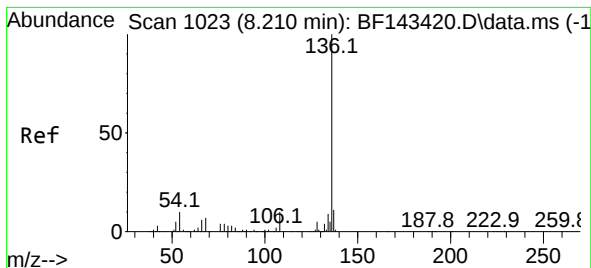


#20
3+4-Methylphenols
Concen: 45.820 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 107 Resp: 350883

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.8	110.8
77	136.3	119.1	159.1
79	30.7	11.2	51.2

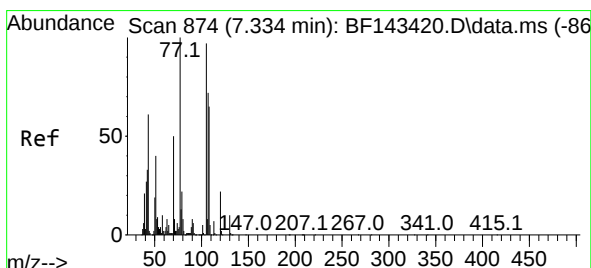
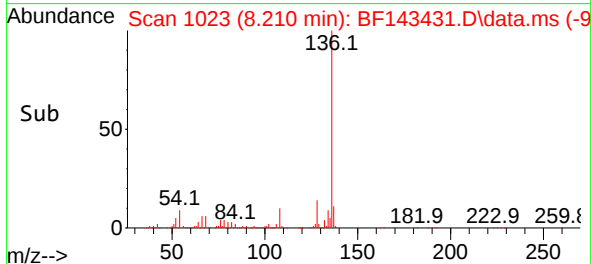
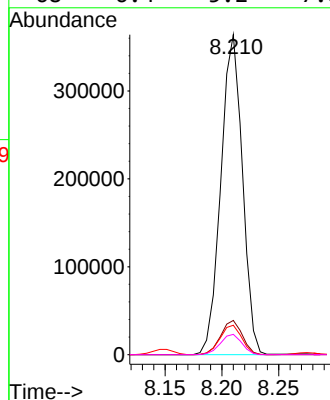
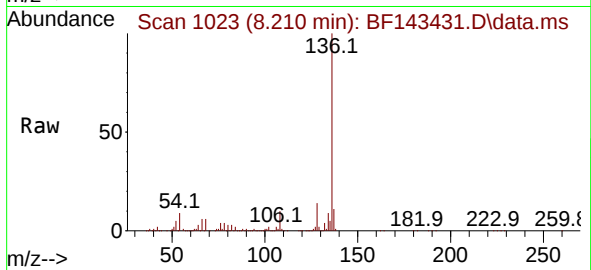




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

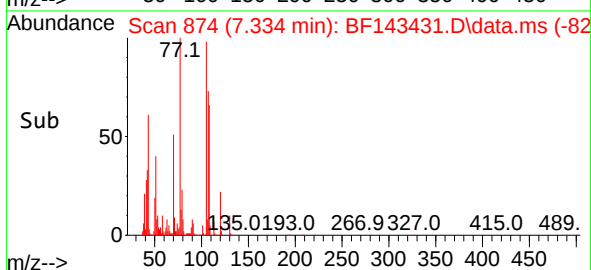
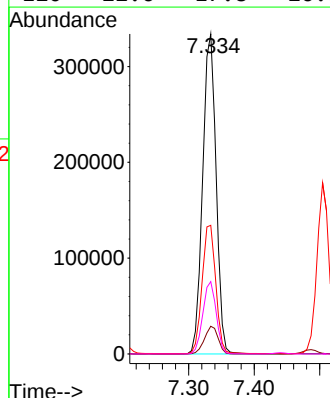
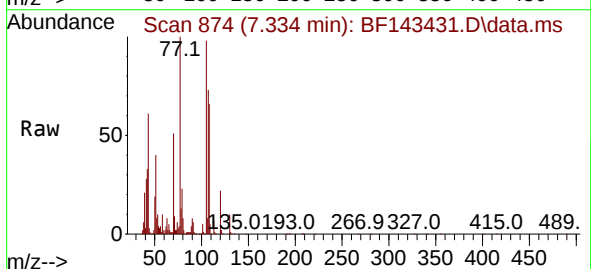
Instrument :
BNA_F
ClientSampleId :
PB169256BS

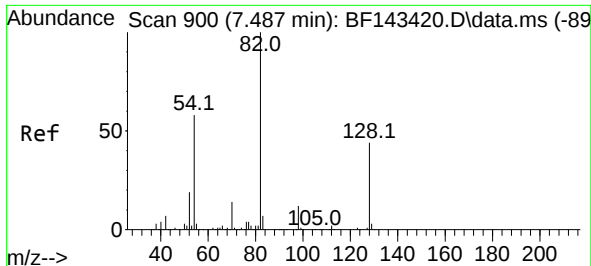
Tgt Ion:	136	Resp:	481072
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	9.2	7.8	11.8
68	6.4	5.2	7.8



#22
Acetophenone
Concen: 46.119 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:	105	Resp:	477025
Ion Ratio	Lower	Upper	
105	100		
71	8.7	7.0	10.4
51	40.2	32.7	49.1
120	22.6	17.8	26.8





#23

Nitrobenzene-d5

Concen: 92.812 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

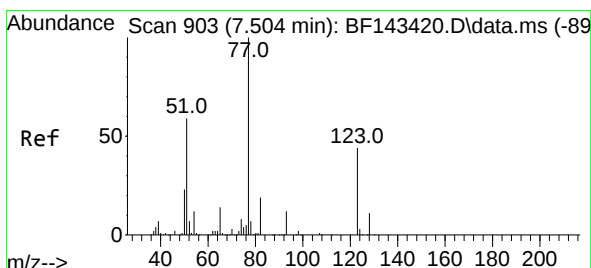
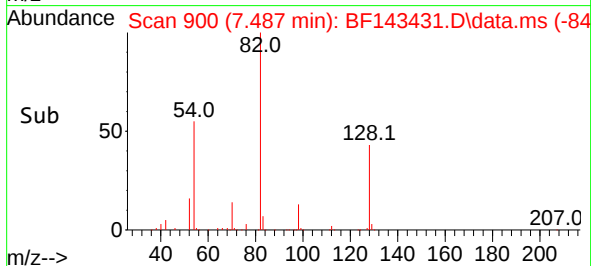
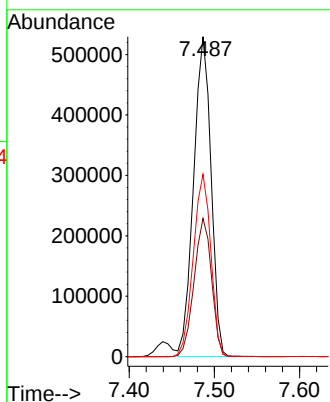
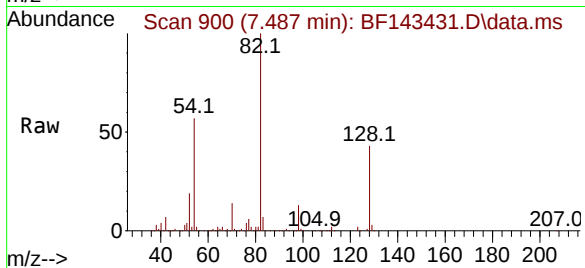
Tgt Ion: 82 Resp: 752444

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

54 57.0 46.0 69.0



#24

Nitrobenzene

Concen: 45.939 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

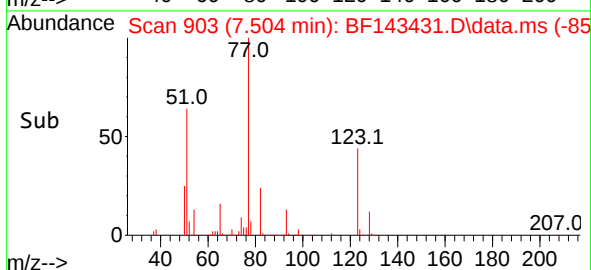
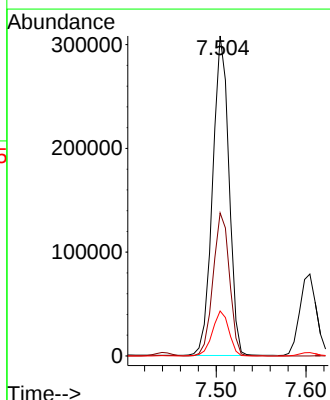
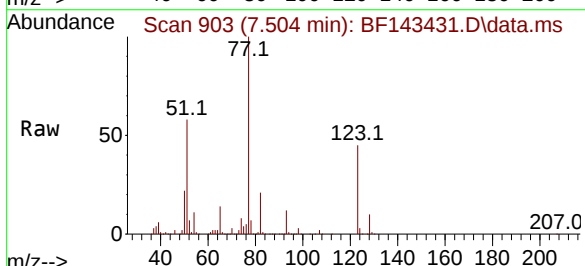
Tgt Ion: 77 Resp: 389254

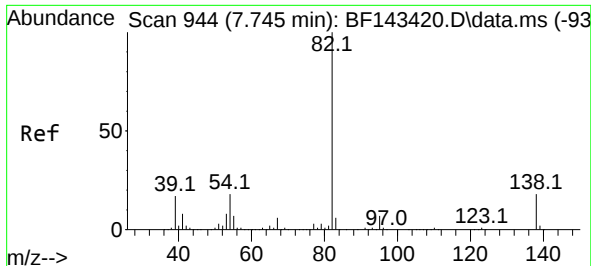
Ion Ratio Lower Upper

77 100

123 44.7 35.4 53.0

65 14.1 11.2 16.8

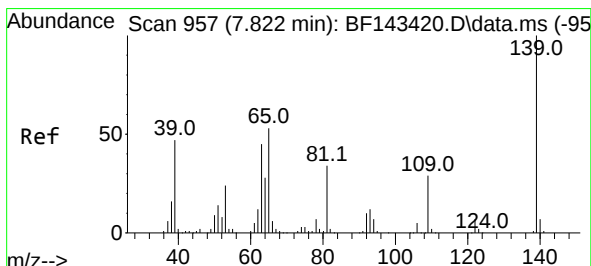
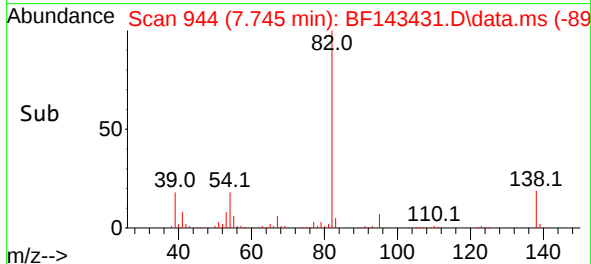
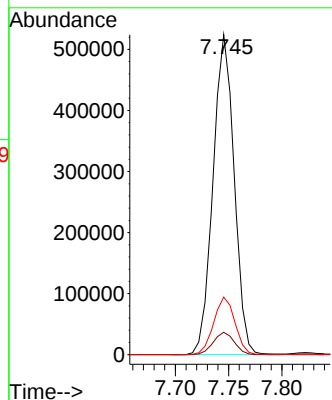
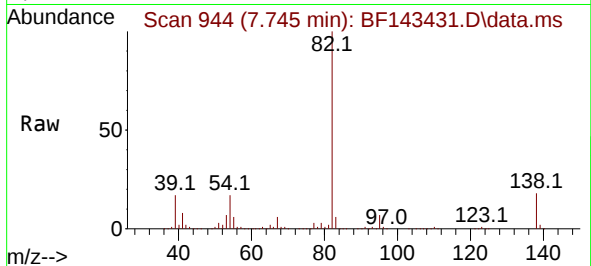




#25
Isophorone
Concen: 46.688 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

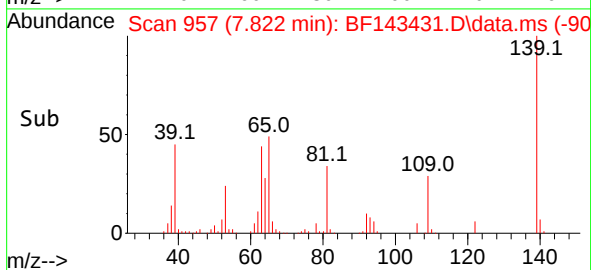
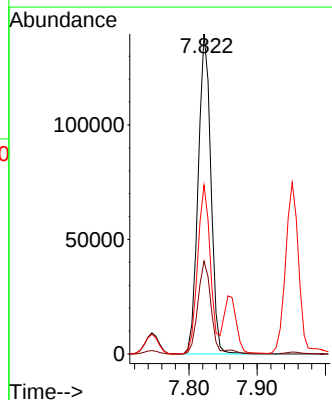
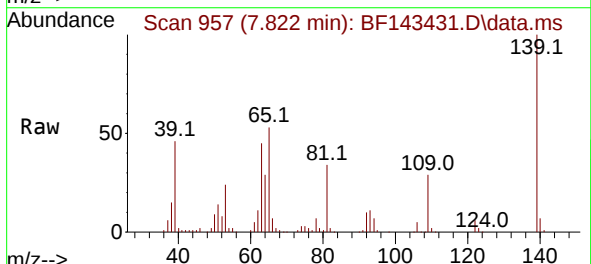
Instrument :
BNA_F
ClientSampleId :
PB169256BS

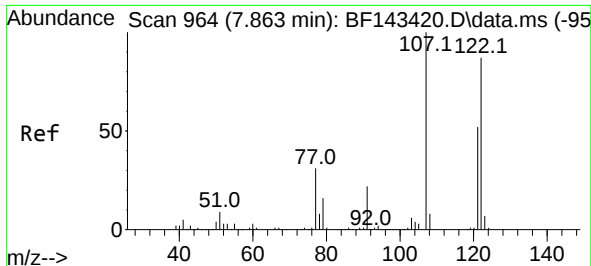
Tgt Ion: 82 Resp: 724435
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.3 21.5



#26
2-Nitrophenol
Concen: 45.872 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:139 Resp: 180187
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.4
65 52.8 42.5 63.7

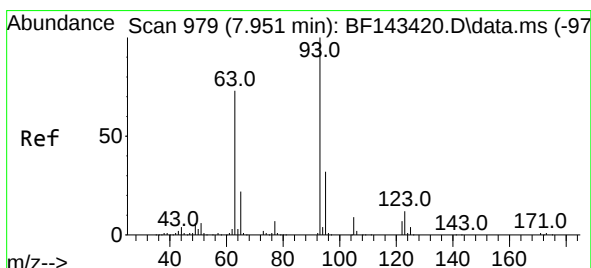
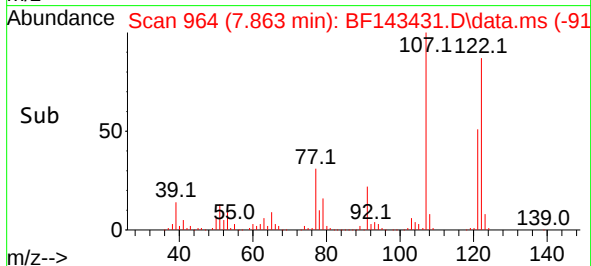
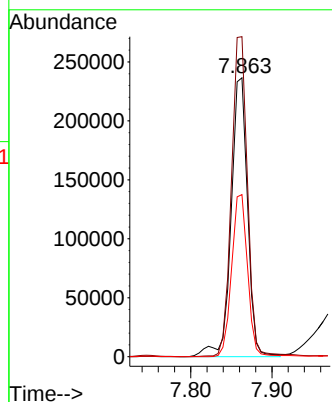
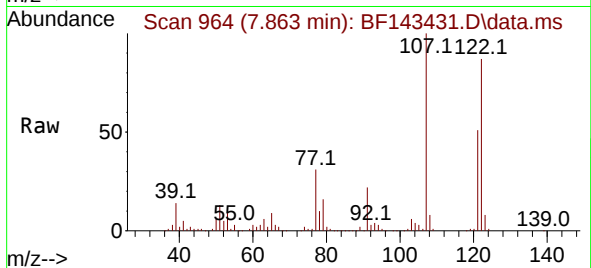




#27
2,4-Dimethylphenol
Concen: 50.099 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

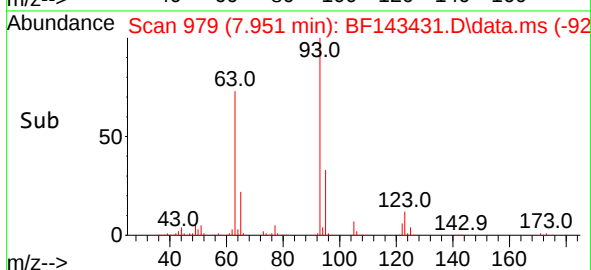
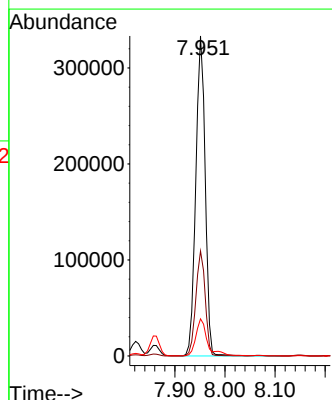
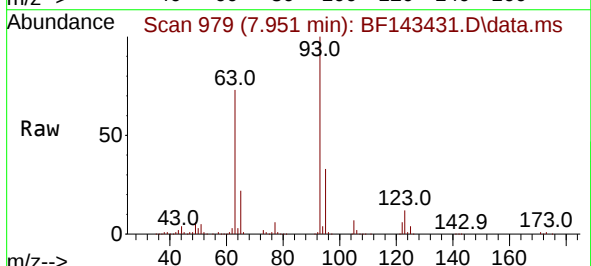
Instrument :
BNA_F
ClientSampleId :
PB169256BS

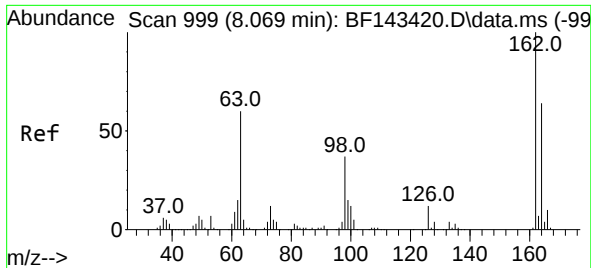
Tgt Ion:122 Resp: 332729
Ion Ratio Lower Upper
122 100
107 114.7 90.4 135.6
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.677 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 93 Resp: 435636
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.003 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143431.D

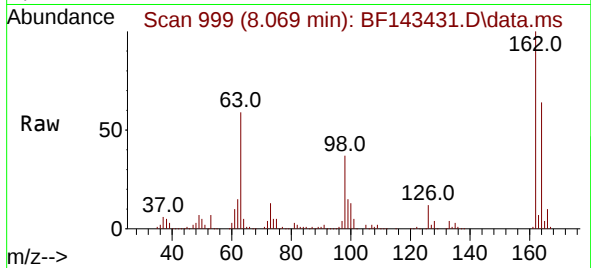
Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS



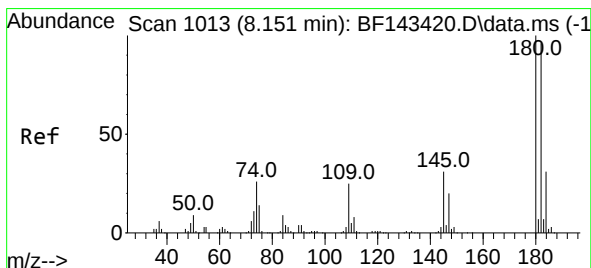
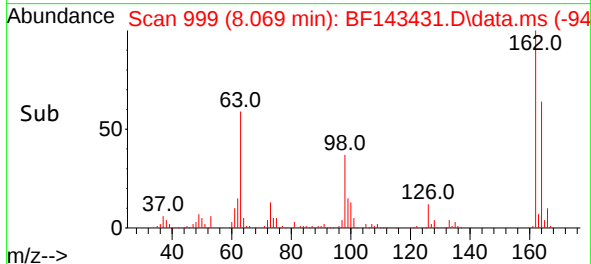
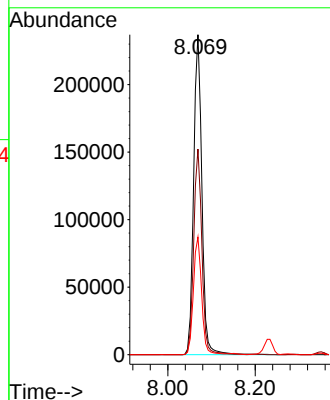
Tgt Ion:162 Resp: 311452

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 36.7 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 47.445 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

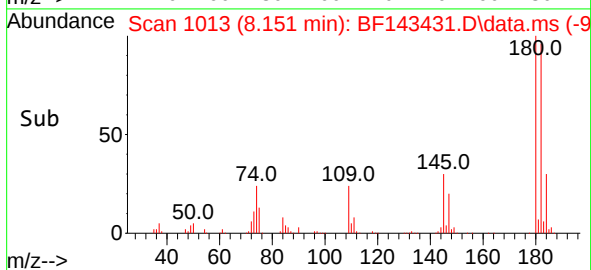
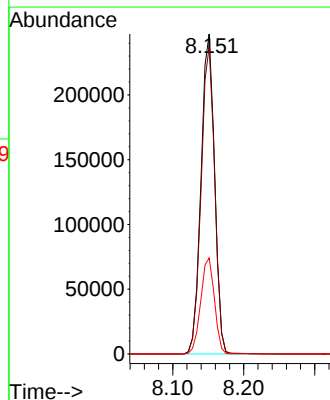
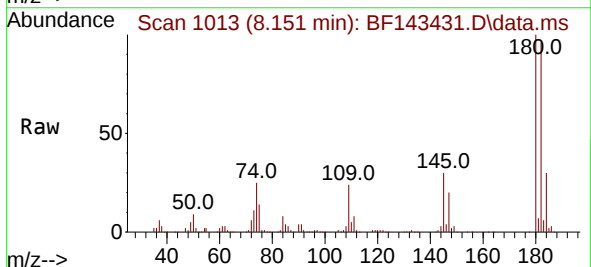
Tgt Ion:180 Resp: 329123

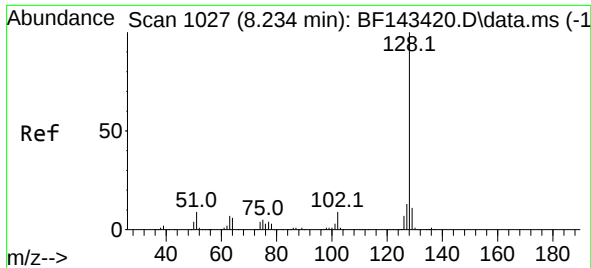
Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

145 30.0 24.5 36.7

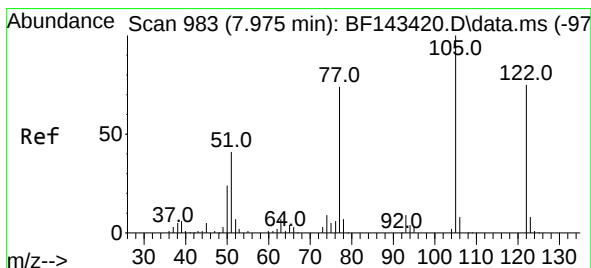
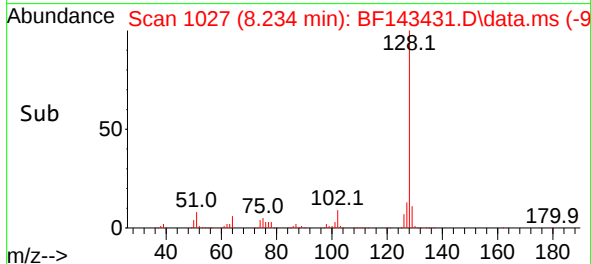
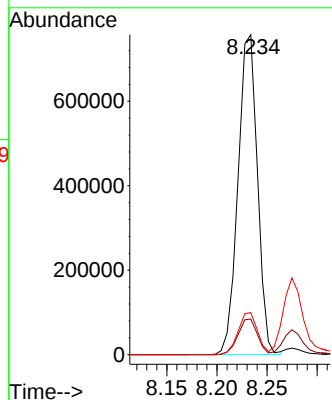
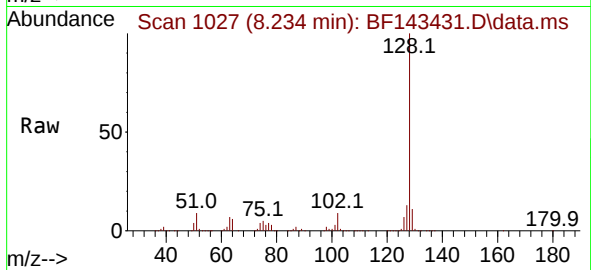




#31
Naphthalene
Concen: 44.810 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

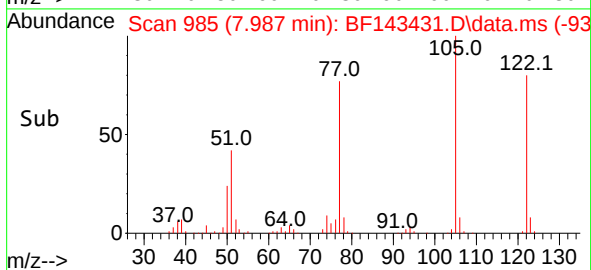
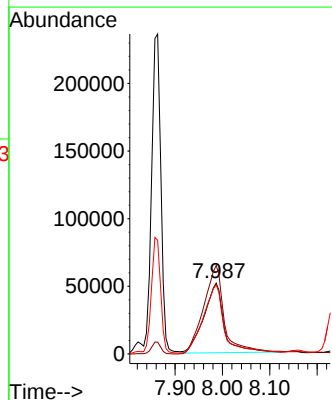
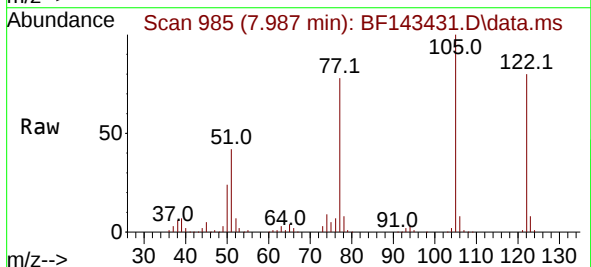
Instrument :
BNA_F
ClientSampleId :
PB169256BS

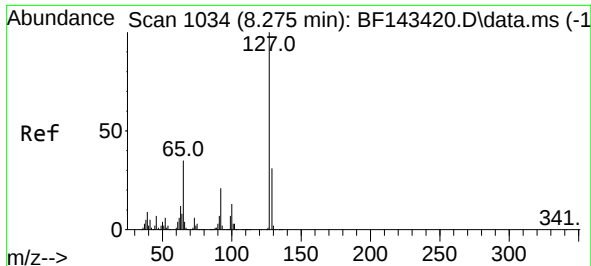
Tgt Ion:128 Resp: 1023422
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.469 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:122 Resp: 153599
Ion Ratio Lower Upper
122 100
105 125.0 108.4 148.4
77 98.1 75.9 115.9

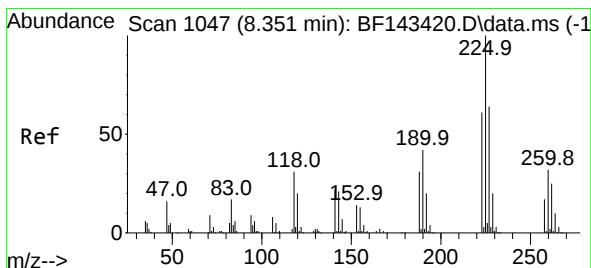
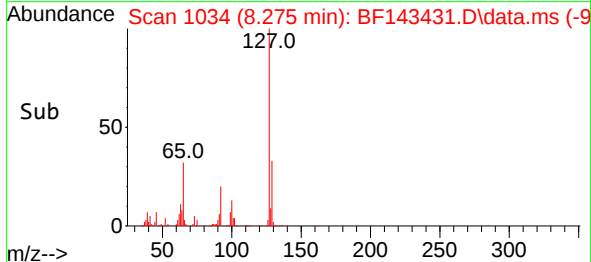
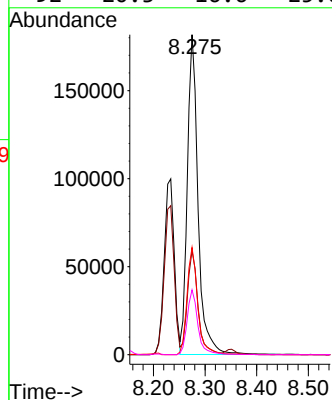
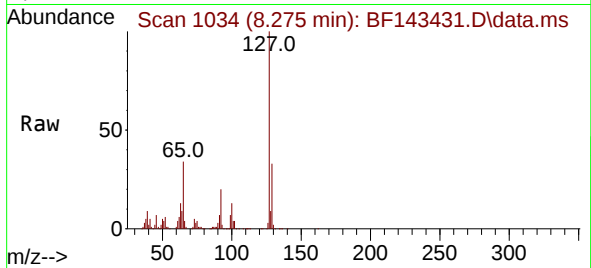




#33
4-Chloroaniline
Concen: 31.810 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

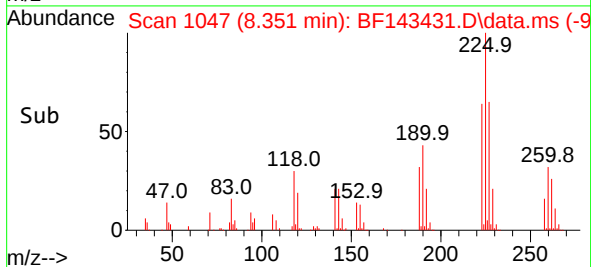
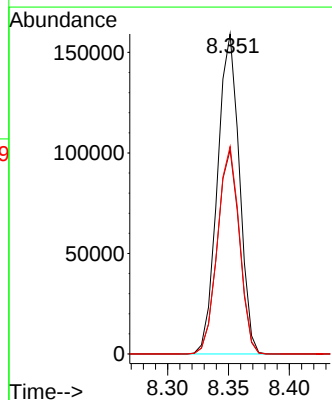
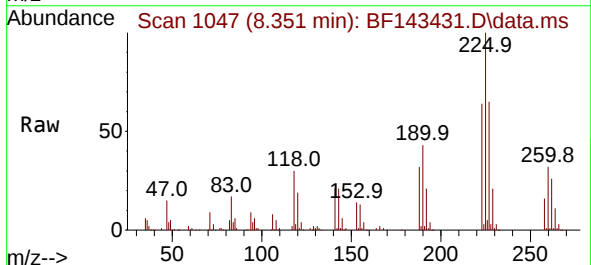
Instrument :
BNA_F
ClientSampleId :
PB169256BS

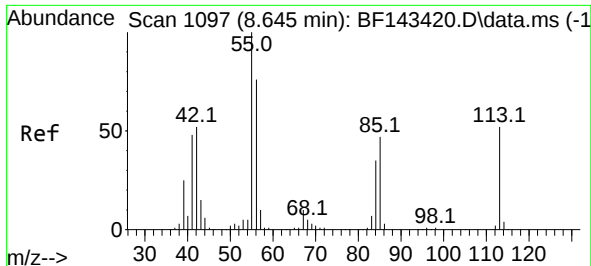
Tgt Ion:	127	Resp:	262240
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	33.5	27.2	40.8
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.034 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:	225	Resp:	199208
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.9	51.1	76.7

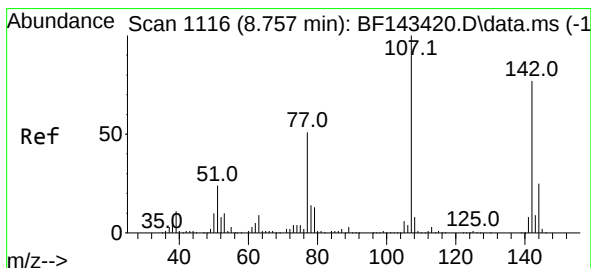
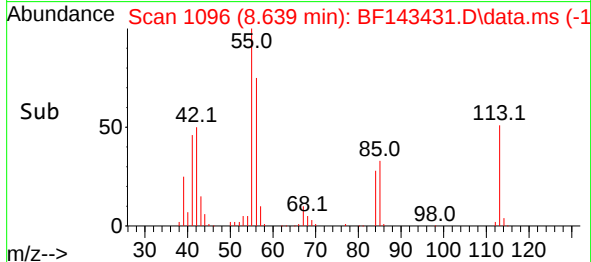
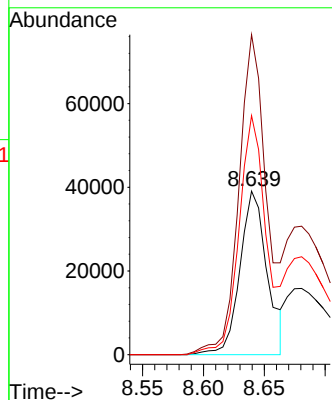
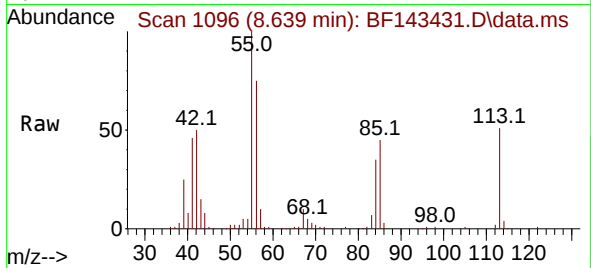




#35
 Caprolactam
 Concen: 31.235 ng
 RT: 8.639 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

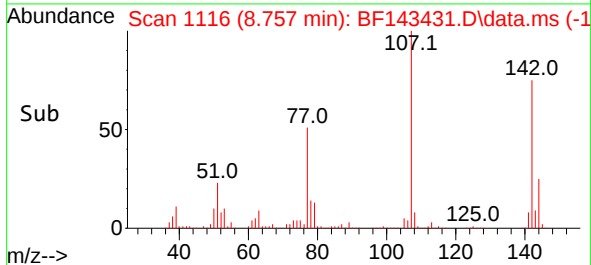
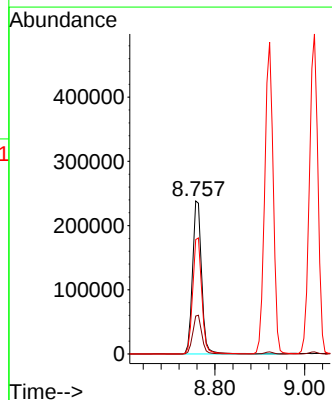
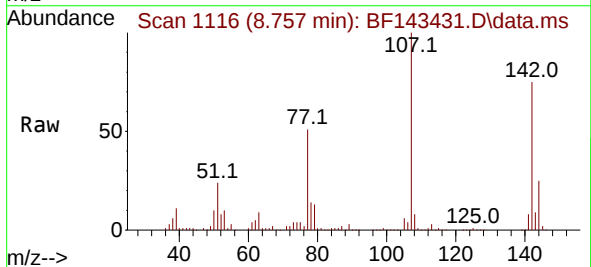
Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

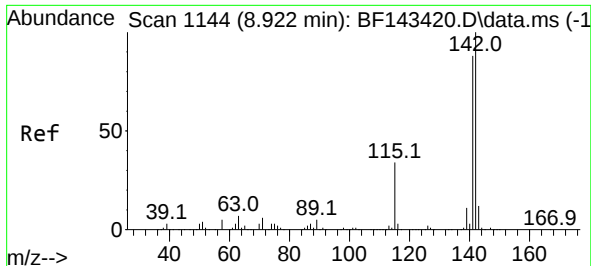
Tgt Ion:113 Resp: 60882
 Ion Ratio Lower Upper
 113 100
 55 195.6 174.7 214.7
 56 146.2 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.136 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Tgt Ion:107 Resp: 335636
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 74.8 62.0 93.0

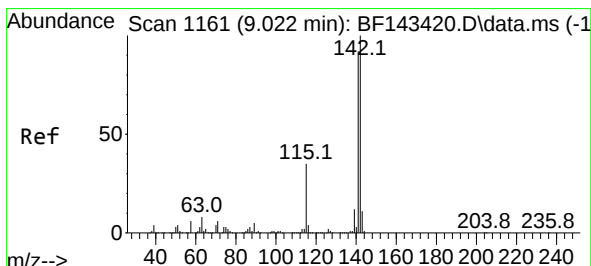
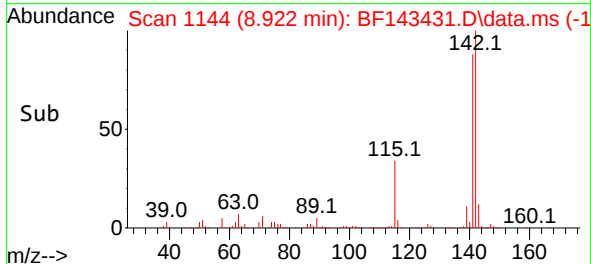
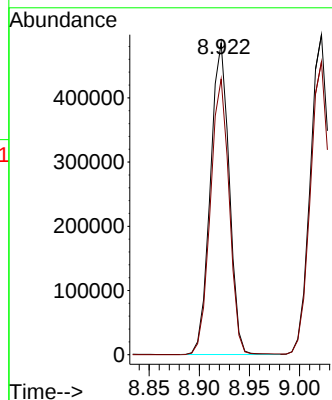
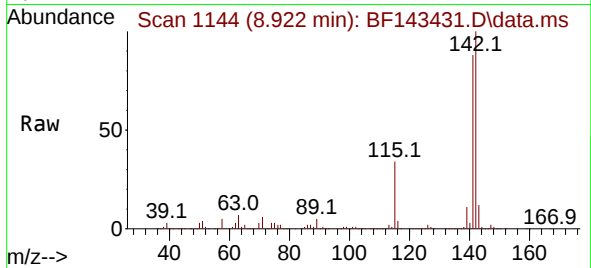




#37
2-Methylnaphthalene
Concen: 41.141 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

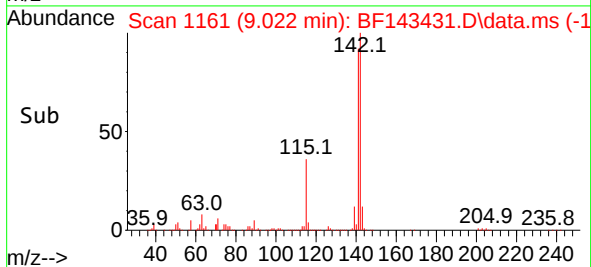
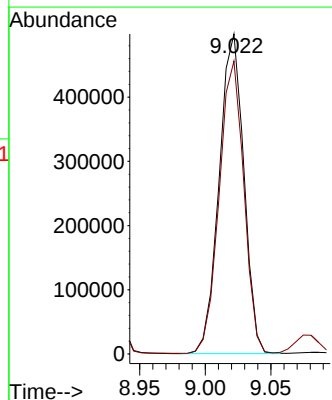
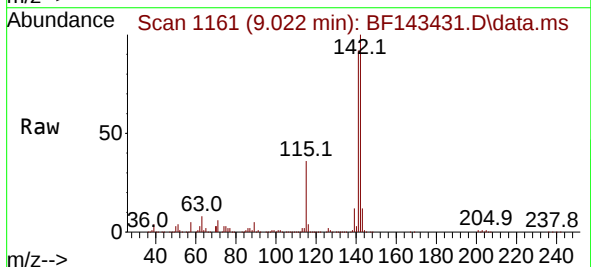
Instrument :
BNA_F
ClientSampleId :
PB169256BS

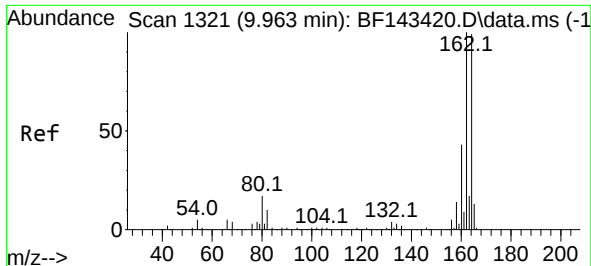
Tgt Ion:142 Resp: 633350
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



#38
1-Methylnaphthalene
Concen: 44.087 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:142 Resp: 650273
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6

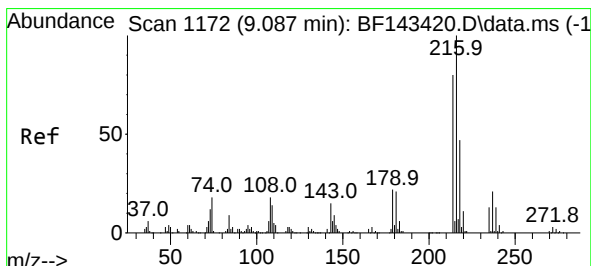
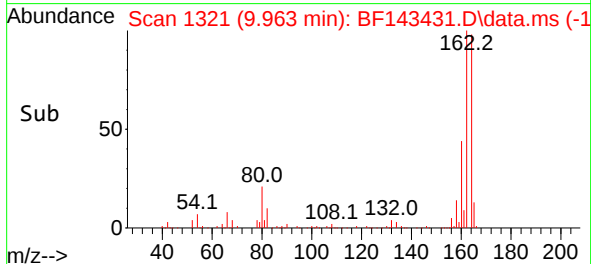
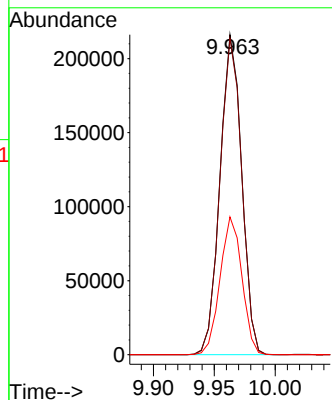
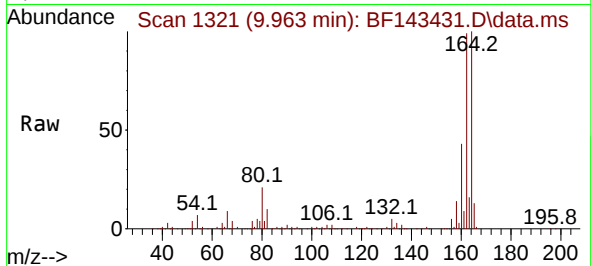




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

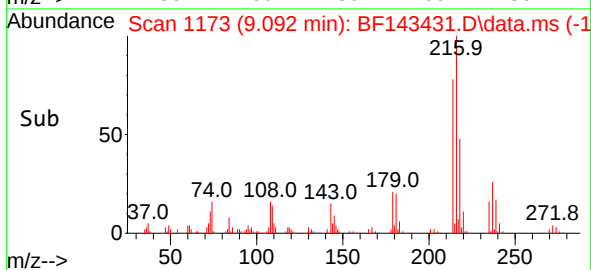
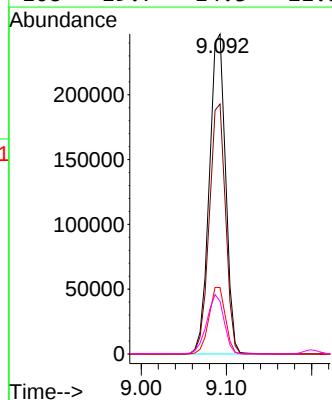
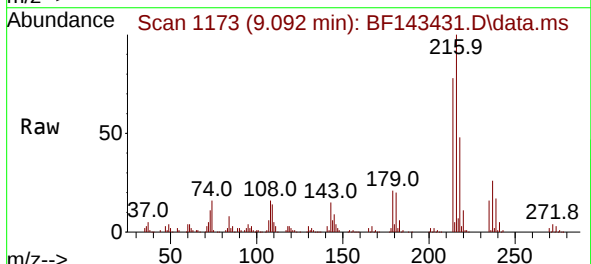
Instrument :
BNA_F
ClientSampleId :
PB169256BS

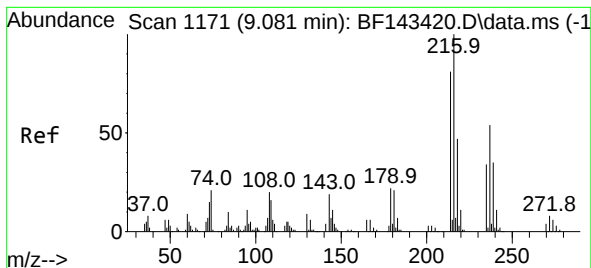
Tgt Ion:164 Resp: 268674
Ion Ratio Lower Upper
164 100
162 98.9 80.6 121.0
160 43.1 34.6 51.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.745 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:216 Resp: 327780
Ion Ratio Lower Upper
216 100
214 78.1 63.7 95.5
179 20.9 17.0 25.4
108 19.7 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 117.992 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

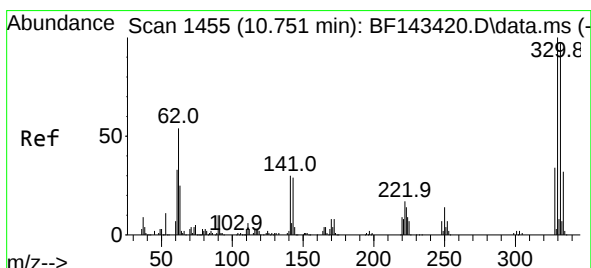
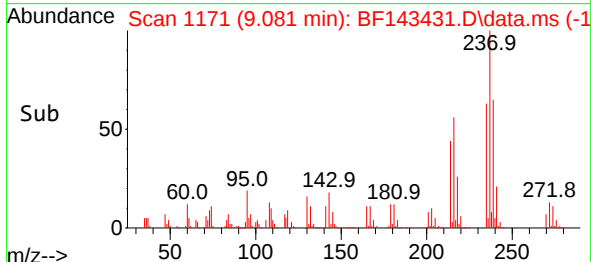
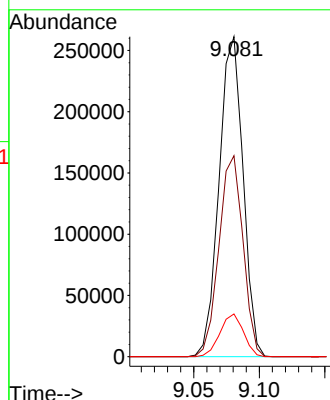
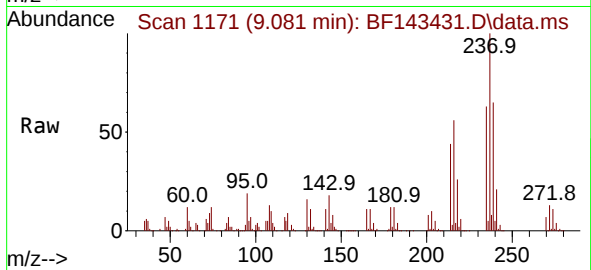
Tgt Ion:237 Resp: 331763

Ion Ratio Lower Upper

237 100

235 62.8 41.6 81.6

272 13.4 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 93.118 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

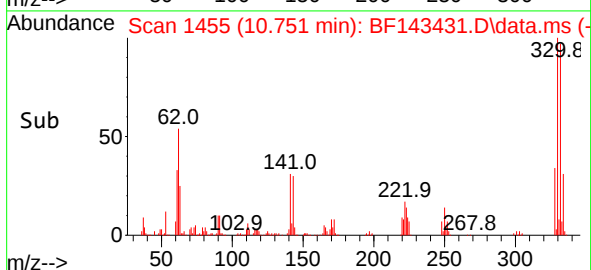
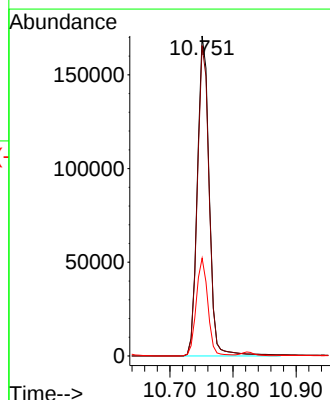
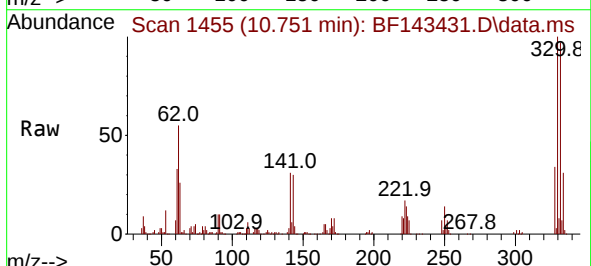
Tgt Ion:330 Resp: 222683

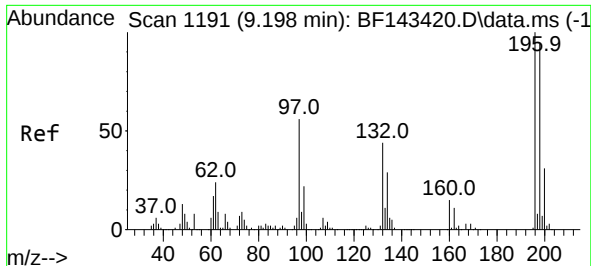
Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

141 29.8 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 45.482 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

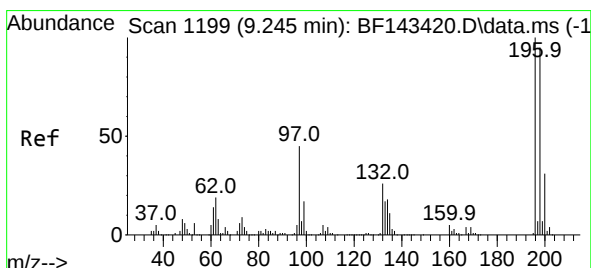
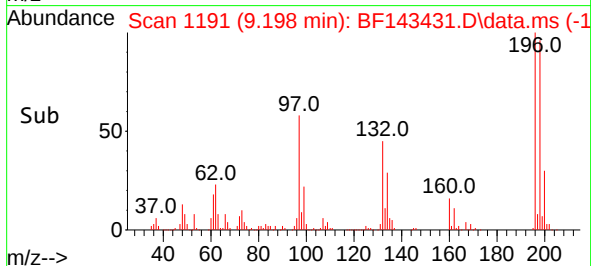
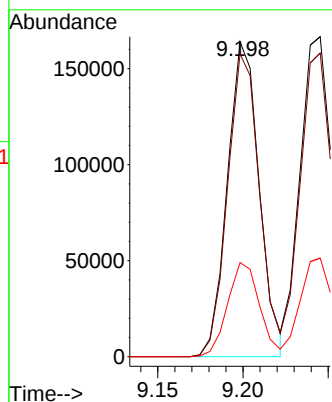
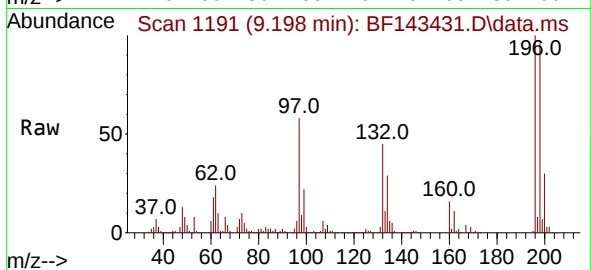
Tgt Ion:196 Resp: 212589

Ion Ratio Lower Upper

196 100

198 96.1 75.4 113.2

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.826 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Tgt Ion:196 Resp: 234612

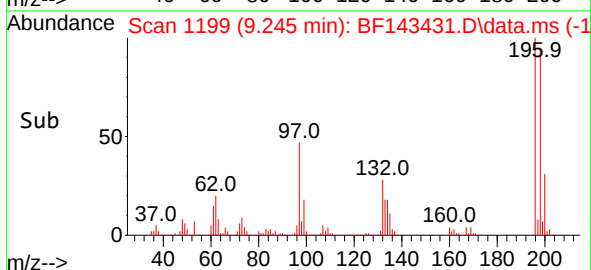
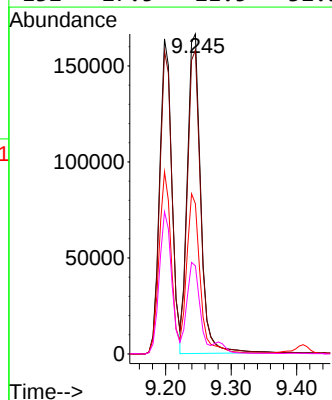
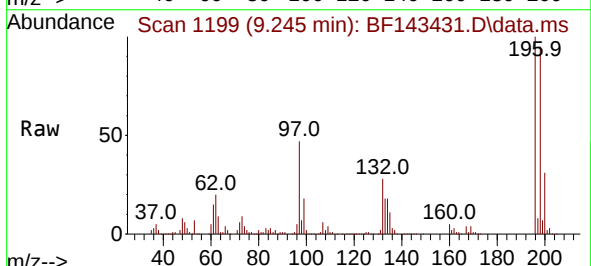
Ion Ratio Lower Upper

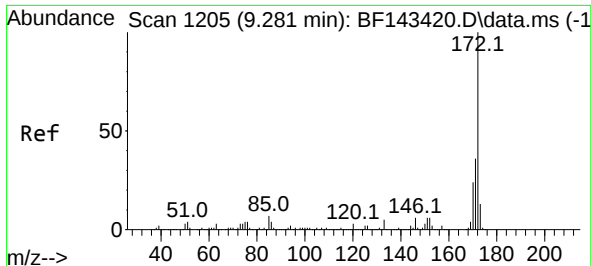
196 100

198 94.9 76.2 114.4

97 46.9 36.6 55.0

132 27.5 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 87.385 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

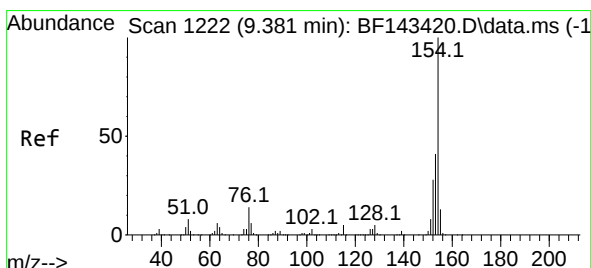
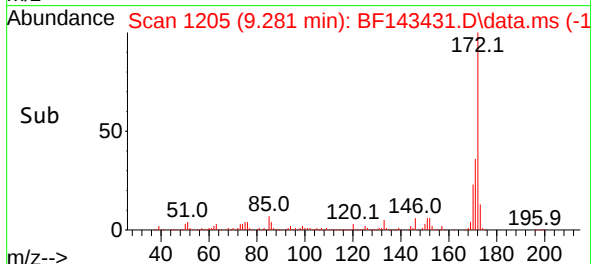
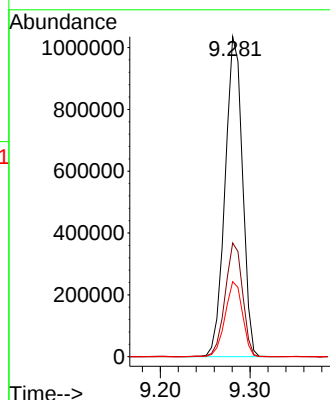
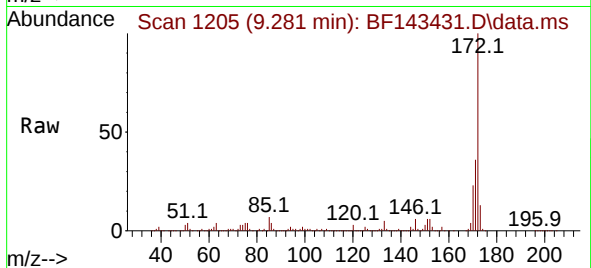
Tgt Ion:172 Resp: 1395856

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.187 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

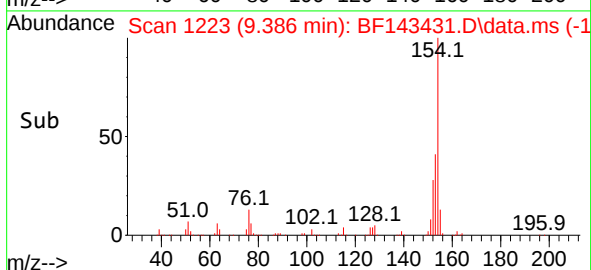
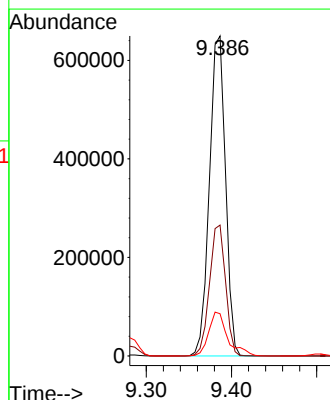
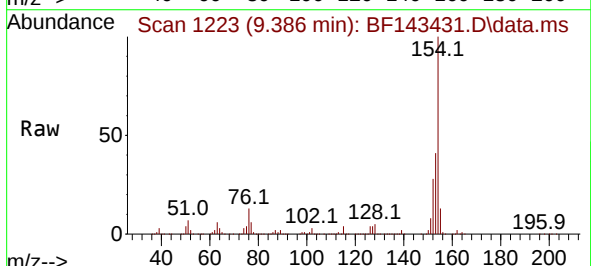
Tgt Ion:154 Resp: 853015

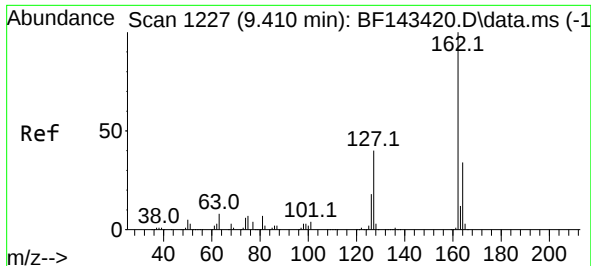
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.2 0.0 33.8

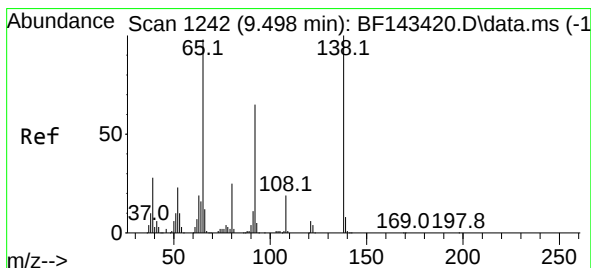
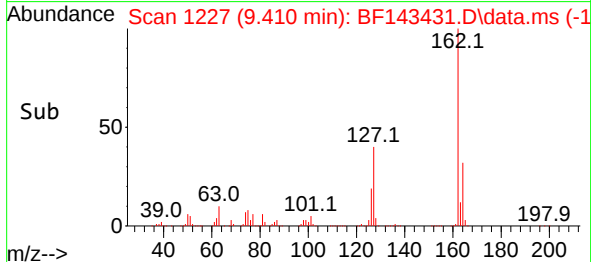
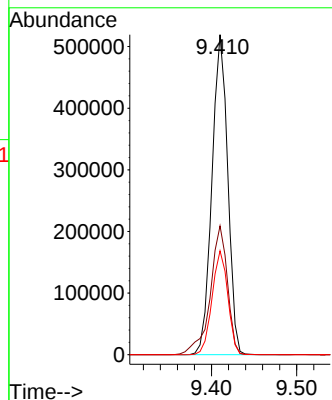
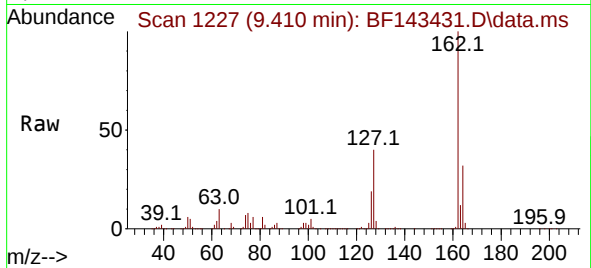




#47
2-Chloronaphthalene
Concen: 44.807 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

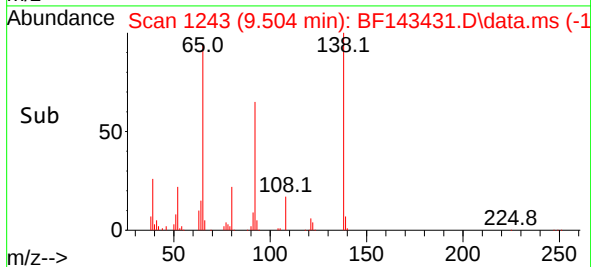
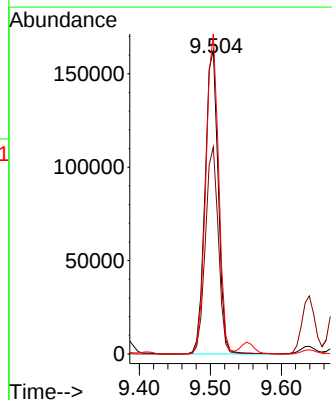
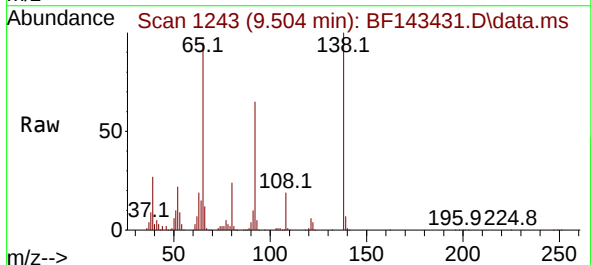
Instrument :
BNA_F
ClientSampleId :
PB169256BS

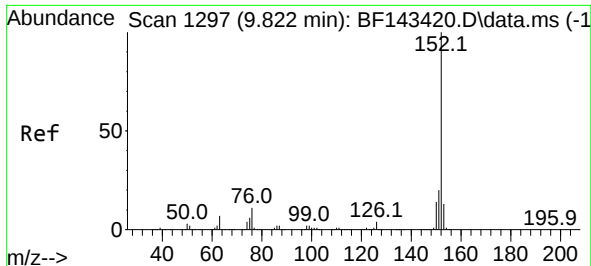
Tgt Ion:162 Resp: 667671
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 32.5 26.9 40.3



#48
2-Nitroaniline
Concen: 47.639 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion: 65 Resp: 211253
Ion Ratio Lower Upper
65 100
92 68.1 52.9 79.3
138 105.3 81.3 121.9

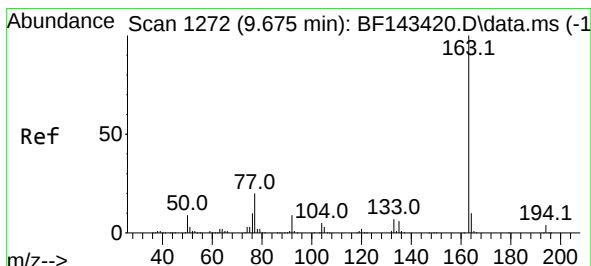
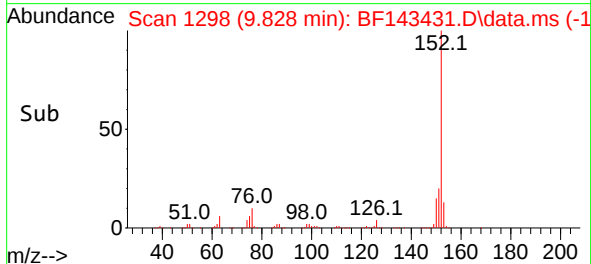
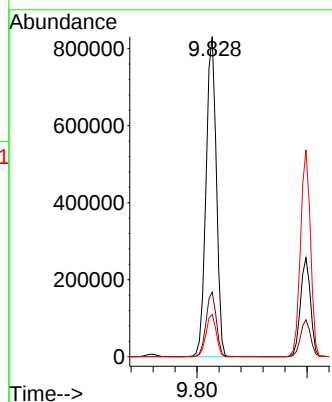
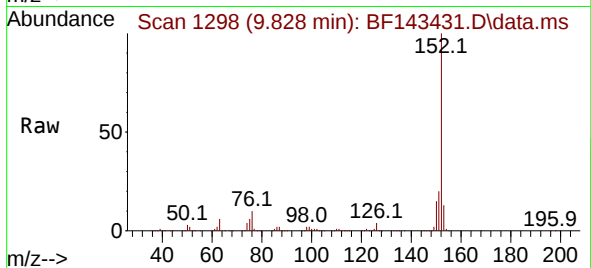




#49
Acenaphthylene
Concen: 50.190 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

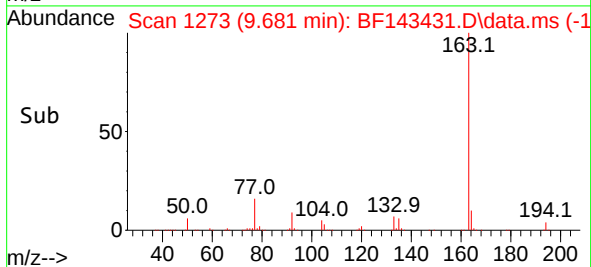
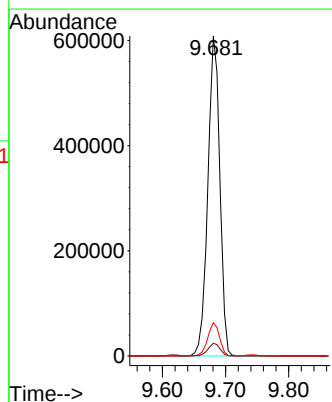
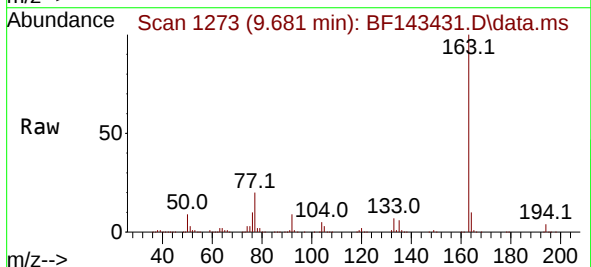
Instrument :
BNA_F
ClientSampleId :
PB169256BS

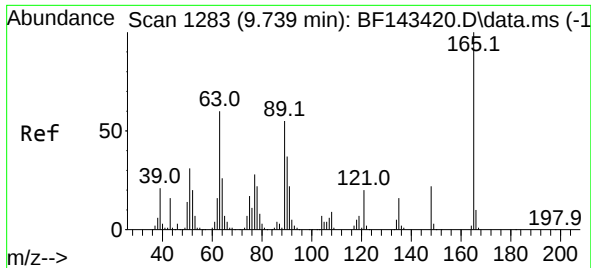
Tgt Ion:152 Resp: 1079824
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 47.963 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:163 Resp: 803409
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 52.761 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

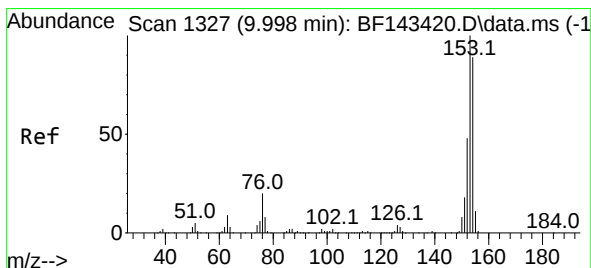
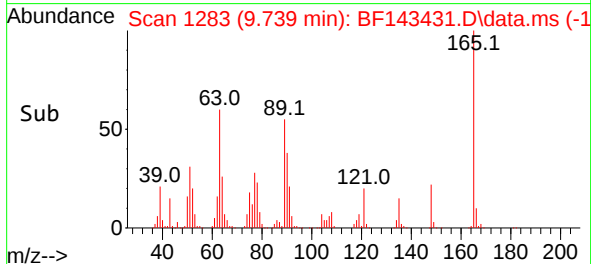
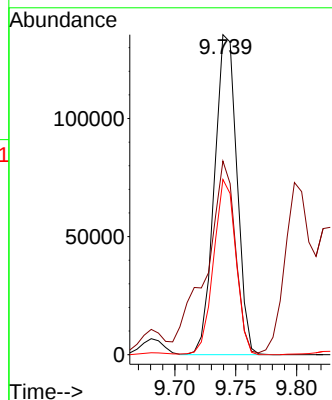
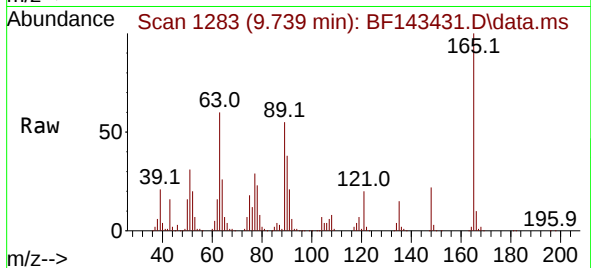
Tgt Ion:165 Resp: 174219

Ion Ratio Lower Upper

165 100

63 60.5 48.2 72.2

89 54.7 44.2 66.2



#52

Acenaphthene

Concen: 47.471 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

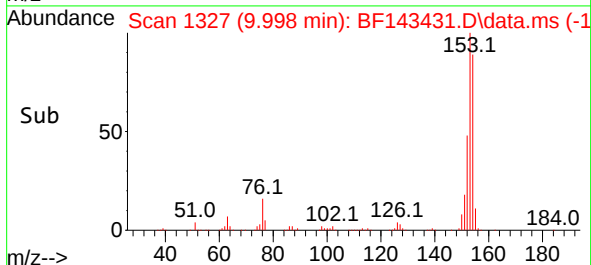
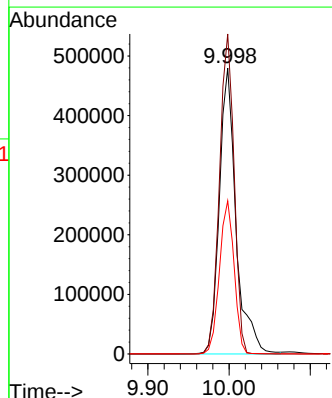
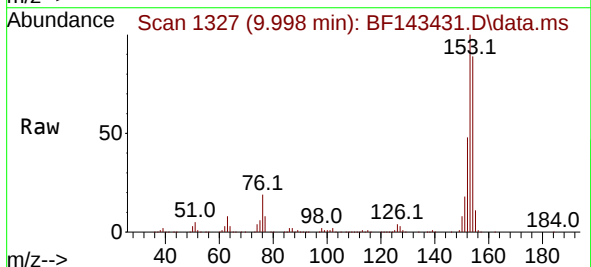
Tgt Ion:154 Resp: 686920

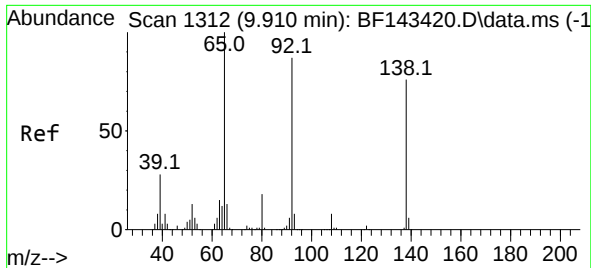
Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

152 53.6 42.6 64.0

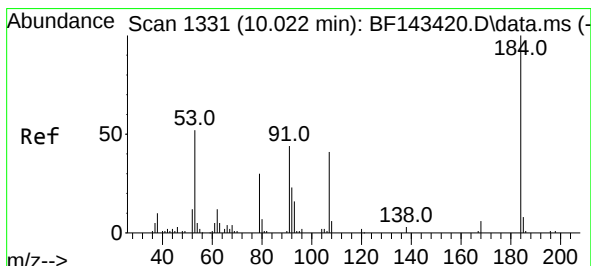
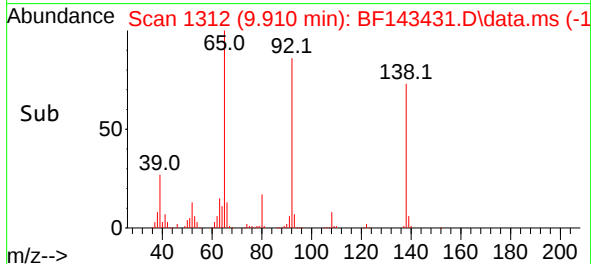
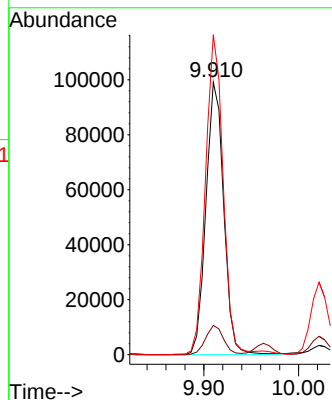
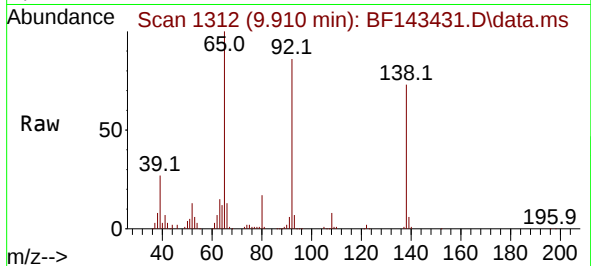




#53
3-Nitroaniline
Concen: 35.017 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

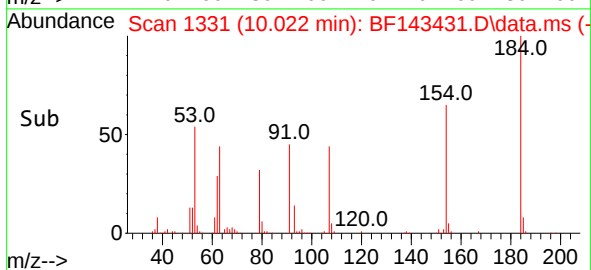
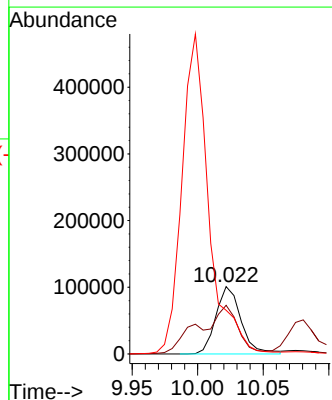
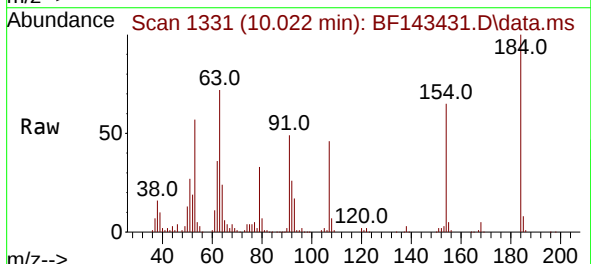
Instrument :
BNA_F
ClientSampleId :
PB169256BS

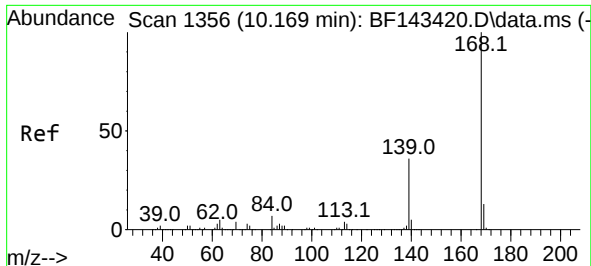
Tgt Ion:138 Resp: 128803
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 117.5 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 87.224 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:184 Resp: 134762
Ion Ratio Lower Upper
184 100
63 72.2 53.2 79.8
154 64.9 51.3 76.9

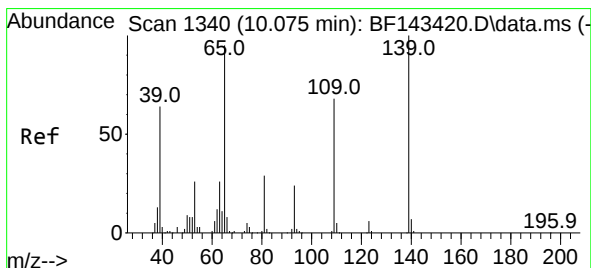
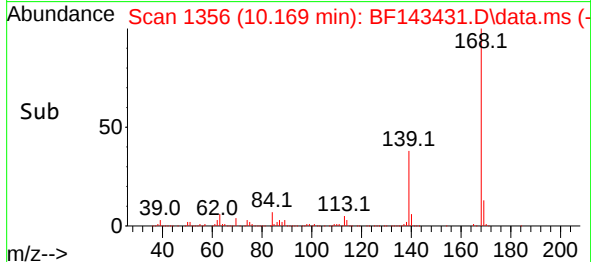
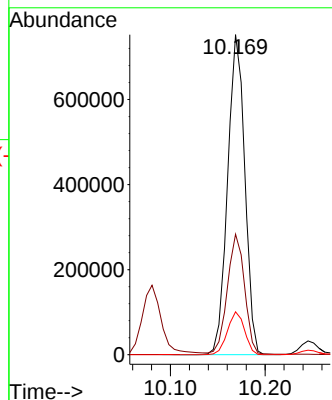
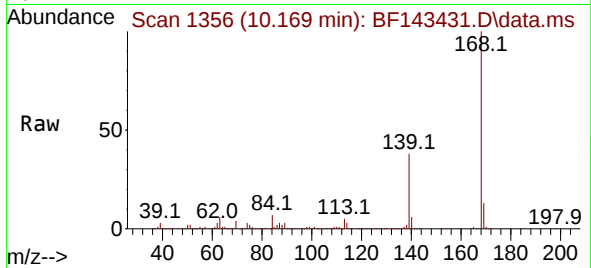




#55
Dibenzofuran
Concen: 45.557 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

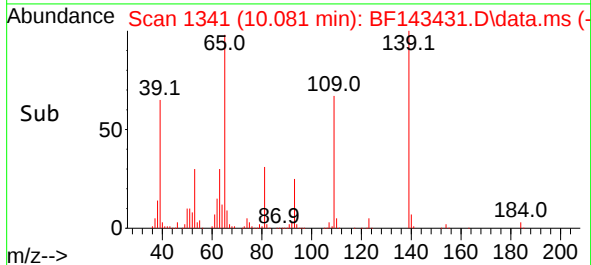
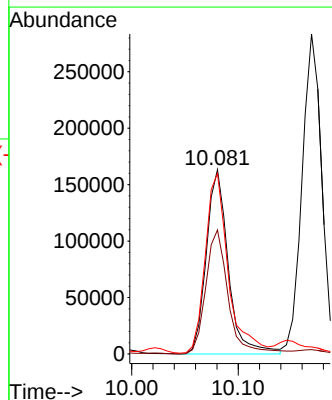
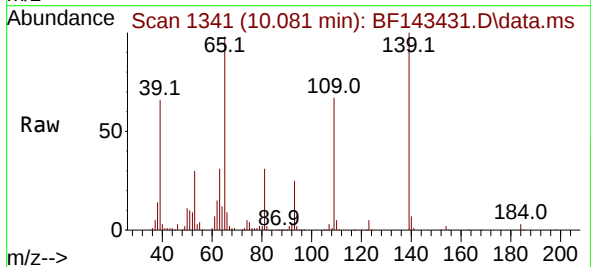
Instrument :
BNA_F
ClientSampleId :
PB169256BS

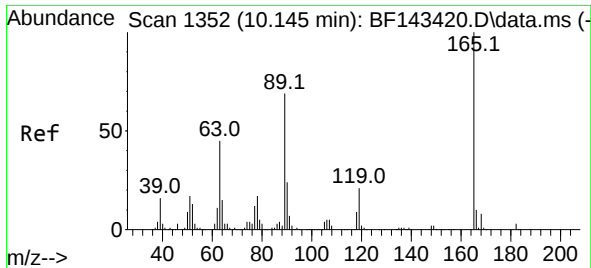
Tgt Ion:168 Resp: 950977
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 101.253 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:139 Resp: 234148
Ion Ratio Lower Upper
139 100
109 67.3 47.7 87.7
65 98.0 76.4 116.4

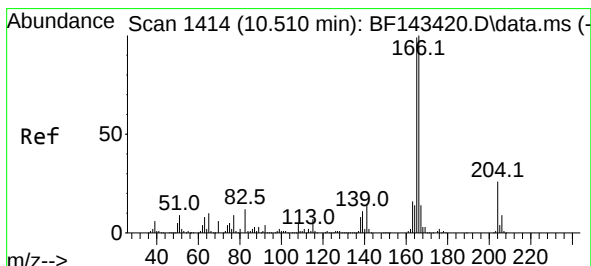
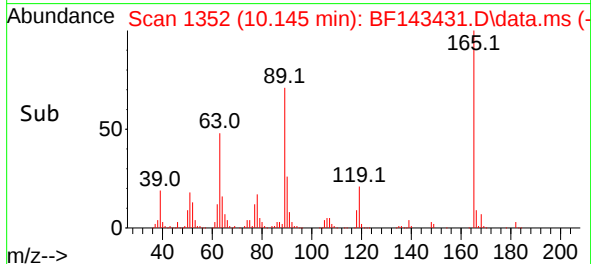
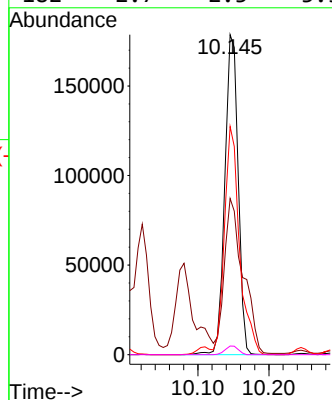
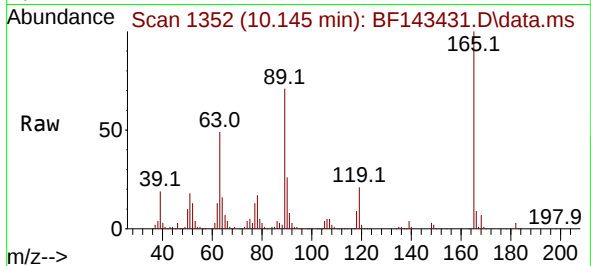




#57
2,4-Dinitrotoluene
Concen: 52.611 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

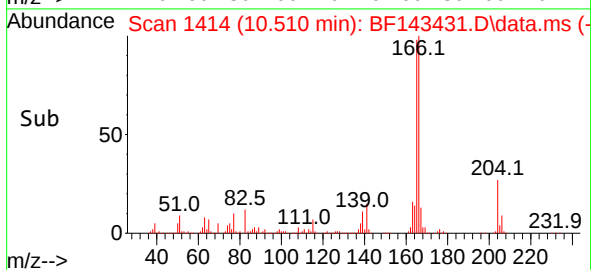
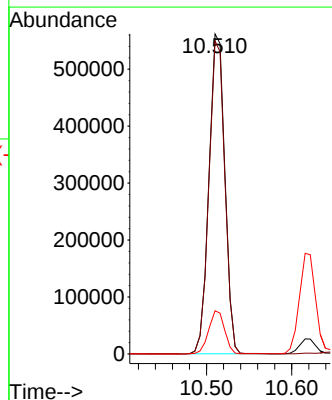
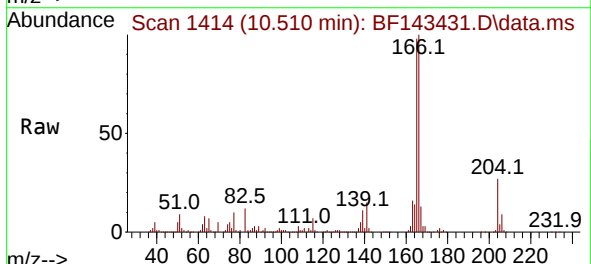
Instrument :
BNA_F
ClientSampleId :
PB169256BS

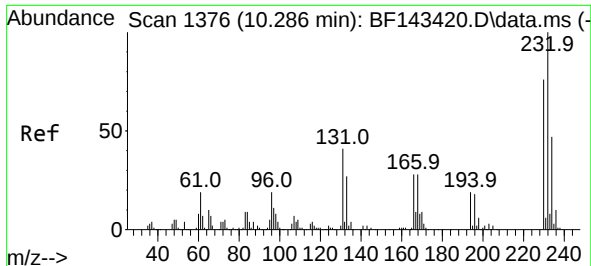
Tgt Ion:165 Resp: 231616
Ion Ratio Lower Upper
165 100
63 48.8 37.0 55.6
89 71.3 55.4 83.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 45.381 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:166 Resp: 727741
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 13.5 10.9 16.3

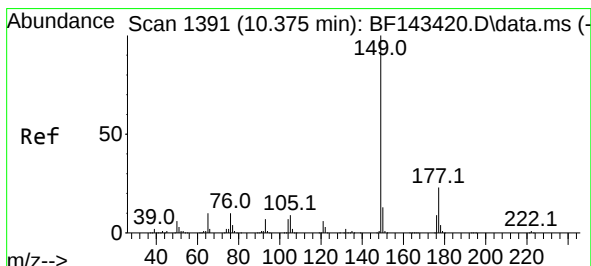
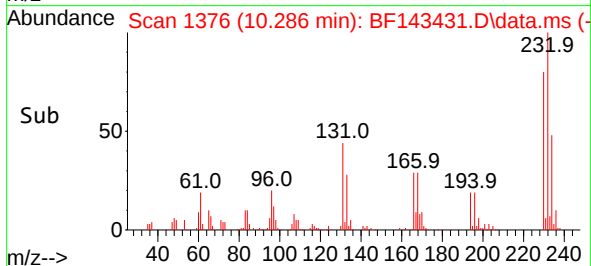
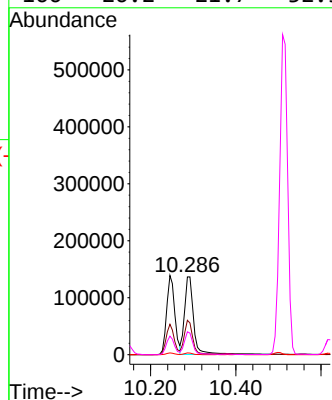
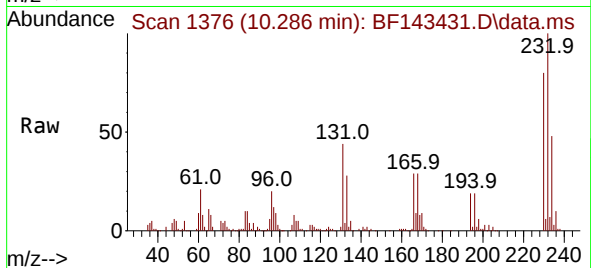




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.708 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

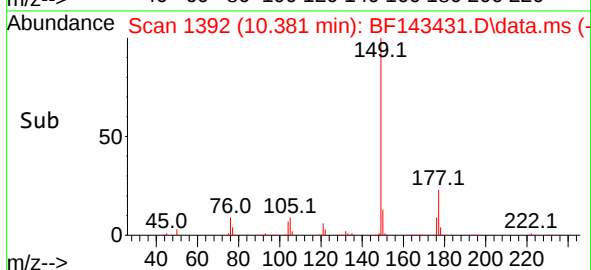
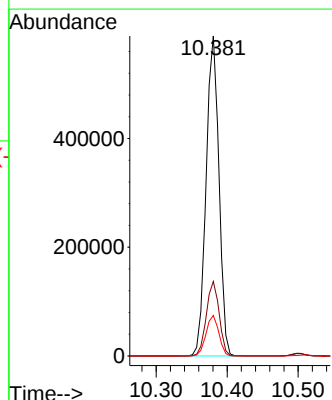
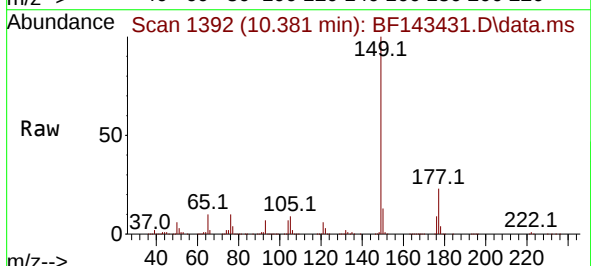
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BNA_F
ClientSampleId :
PB169256BS

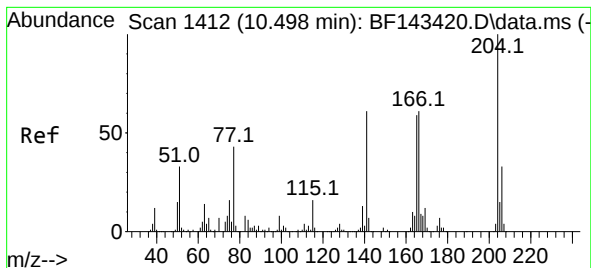
Tgt Ion:232 Resp: 203698
Ion Ratio Lower Upper
232 100
131 40.3 32.0 48.0
130 2.0 1.7 2.5
166 26.2 21.7 32.5



#60
Diethylphthalate
Concen: 47.926 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:149 Resp: 741850
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.6 10.1 15.1

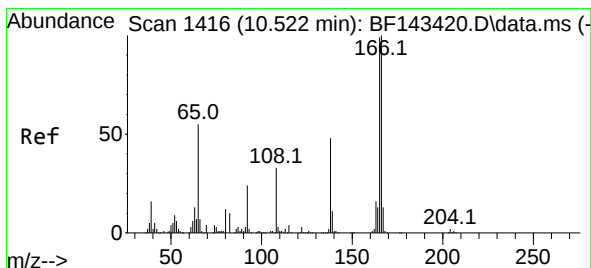
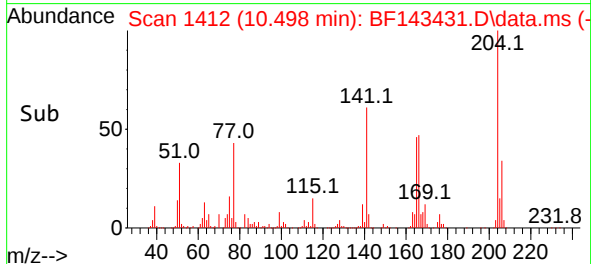
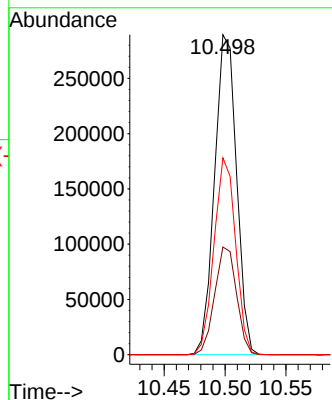
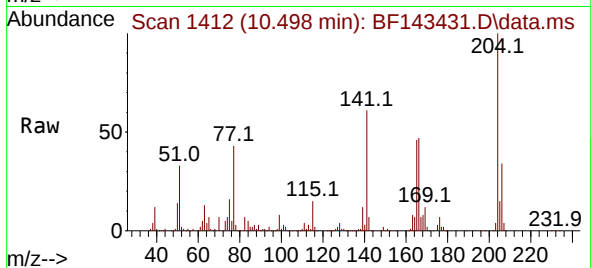




#61
4-Chlorophenyl-phenylether
Concen: 45.859 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

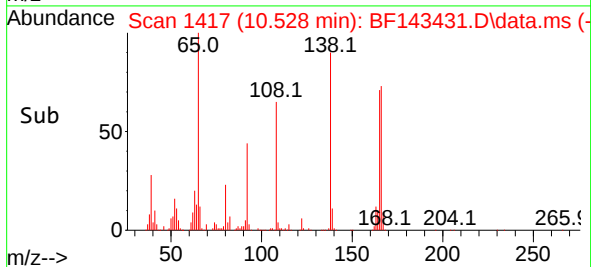
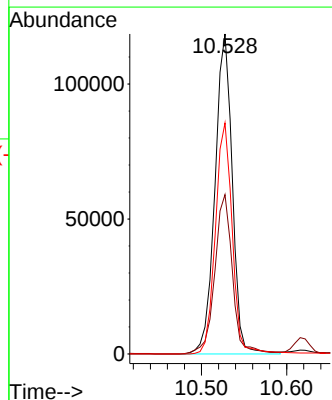
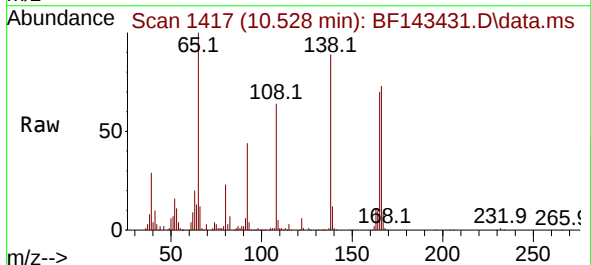
Instrument :
BNA_F
ClientSampleId :
PB169256BS

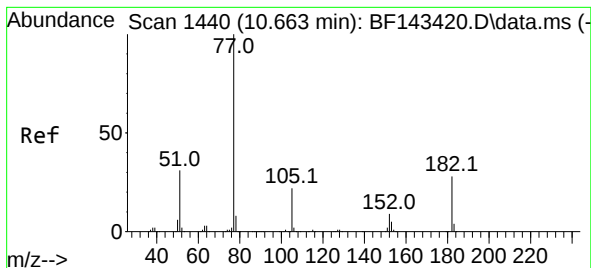
Tgt Ion:204 Resp: 363591
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 61.5 49.0 73.4



#62
4-Nitroaniline
Concen: 48.756 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:138 Resp: 167717
Ion Ratio Lower Upper
138 100
92 49.8 29.4 69.4
108 72.2 48.6 88.6





#63

Azobenzene

Concen: 47.903 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

Tgt Ion: 77 Resp: 749441

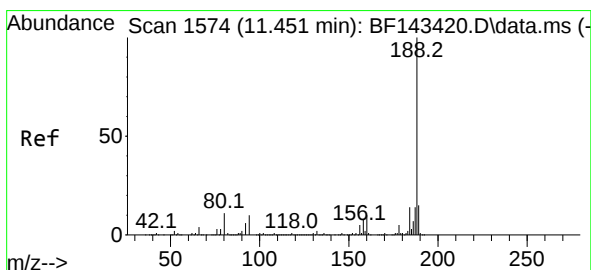
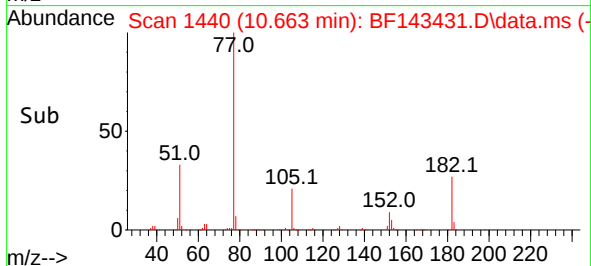
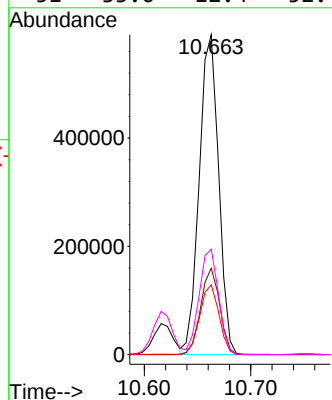
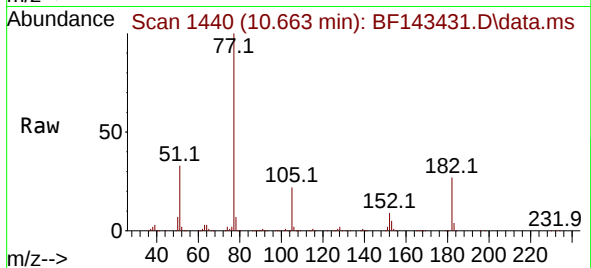
Ion Ratio Lower Upper

77 100

182 27.1 7.4 47.4

105 21.8 1.7 41.7

51 33.0 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

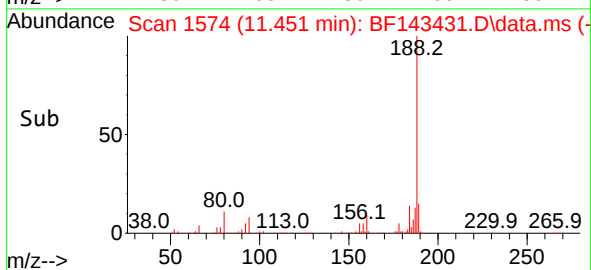
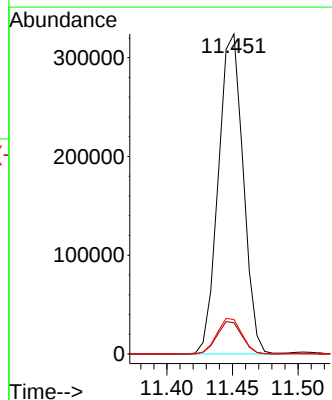
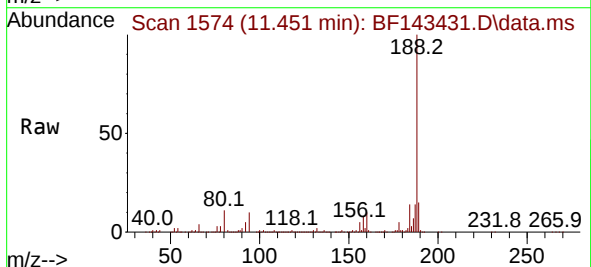
Tgt Ion:188 Resp: 427113

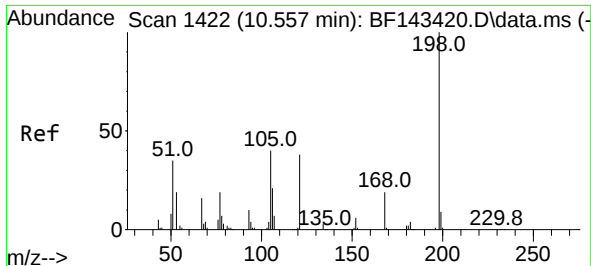
Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 10.7 8.6 12.8

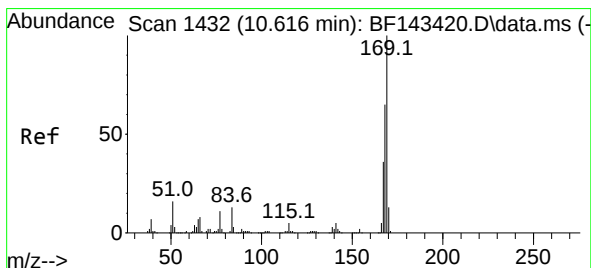
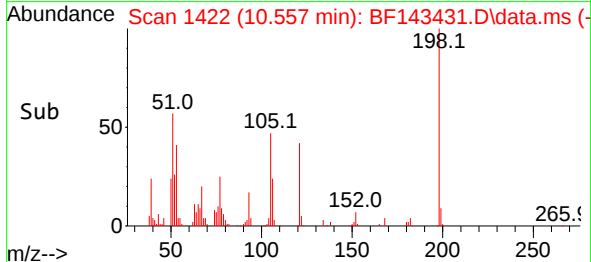
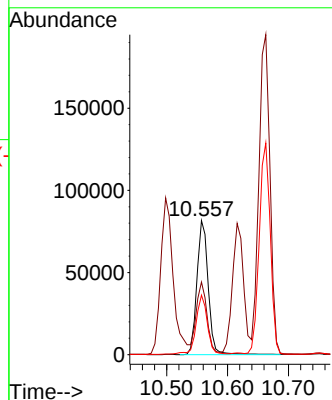
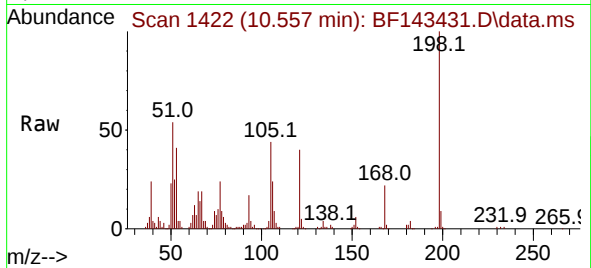




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.953 ng
 RT: 10.557 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

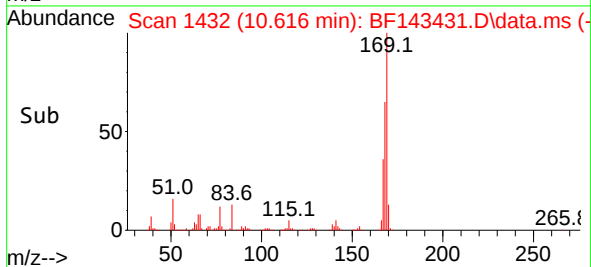
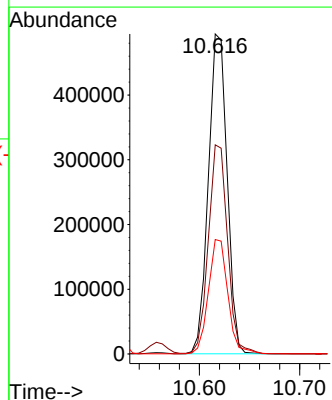
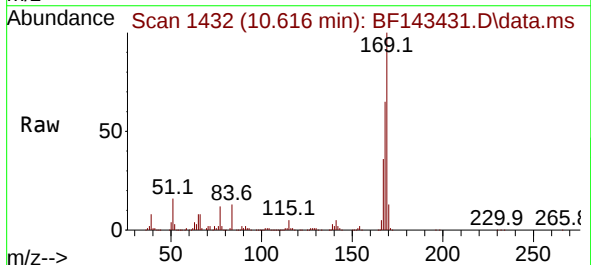
Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

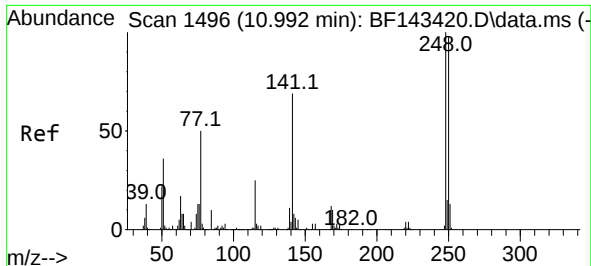
Tgt Ion:198 Resp: 105676
 Ion Ratio Lower Upper
 198 100
 51 54.2 31.2 71.2
 105 44.4 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 46.376 ng
 RT: 10.616 min Scan# 1432
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Tgt Ion:169 Resp: 644051
 Ion Ratio Lower Upper
 169 100
 168 65.4 52.5 78.7
 167 35.8 28.6 42.8

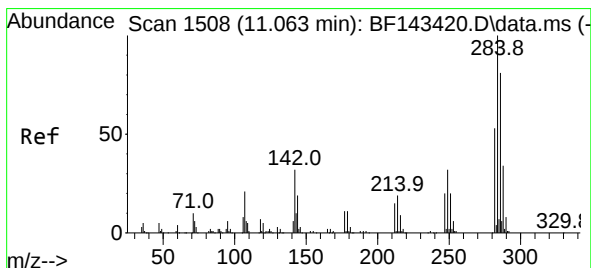
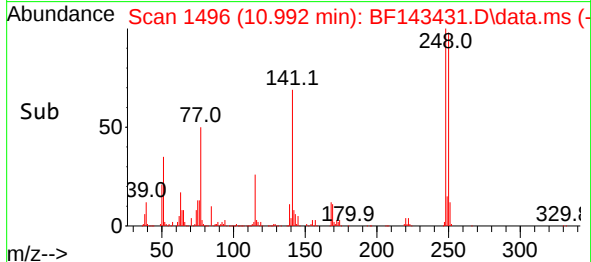
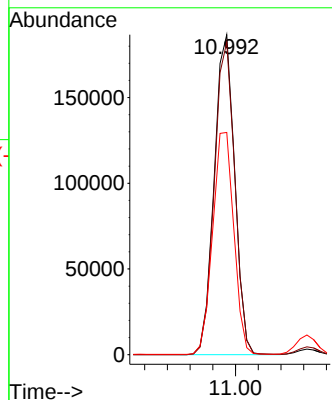
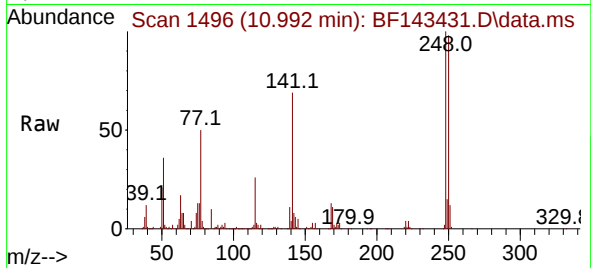




#67
4-Bromophenyl-phenylether
Concen: 46.392 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

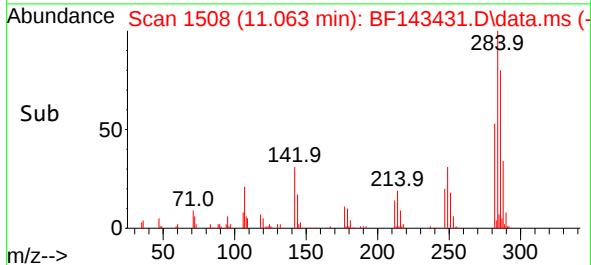
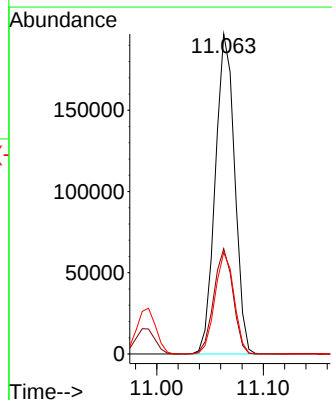
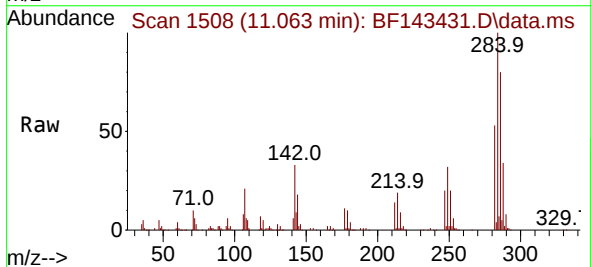
Instrument :
BNA_F
ClientSampleId :
PB169256BS

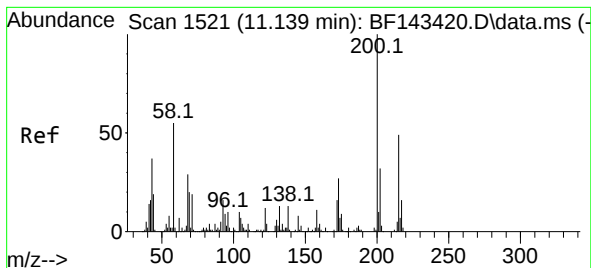
Tgt Ion:248 Resp: 233984
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 69.5 54.9 82.3



#68
Hexachlorobenzene
Concen: 46.305 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:284 Resp: 248281
Ion Ratio Lower Upper
284 100
142 32.9 25.4 38.2
249 31.7 25.4 38.0





#69

Atrazine

Concen: 49.937 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

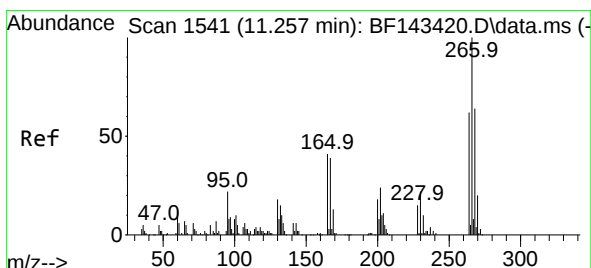
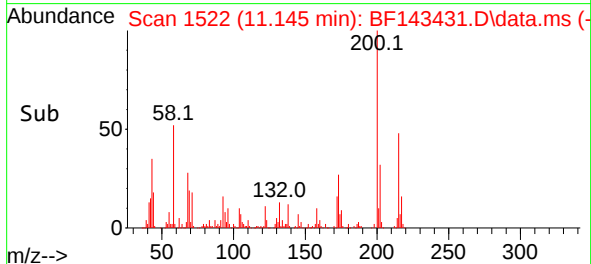
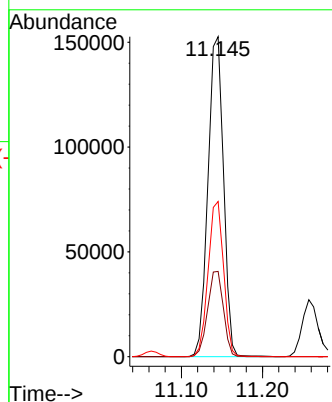
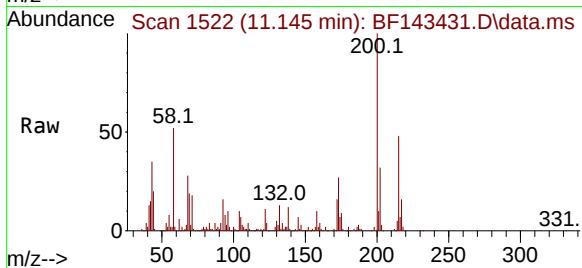
Tgt Ion:200 Resp: 202844

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 48.5 29.5 69.5



#70

Pentachlorophenol

Concen: 100.525 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

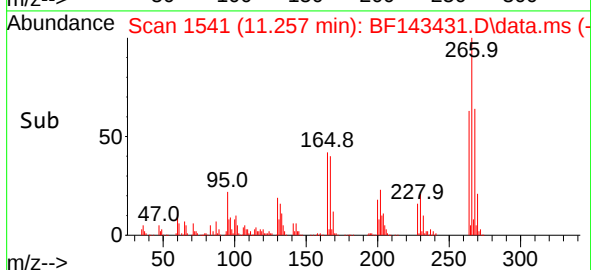
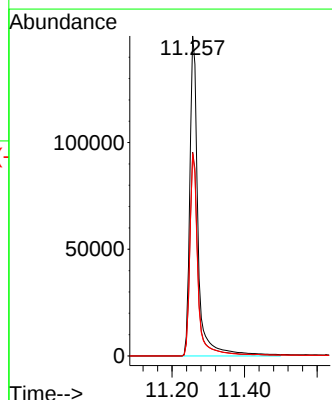
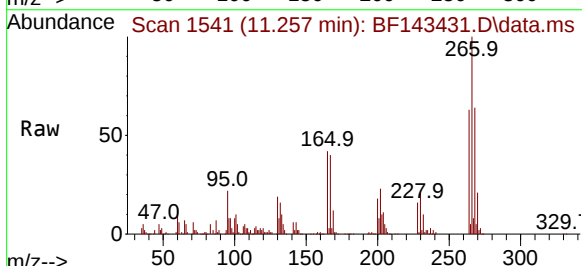
Tgt Ion:266 Resp: 237038

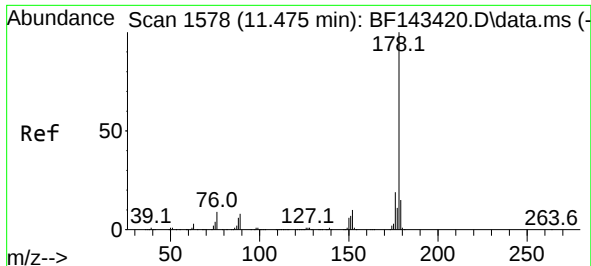
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 63.2 49.3 73.9

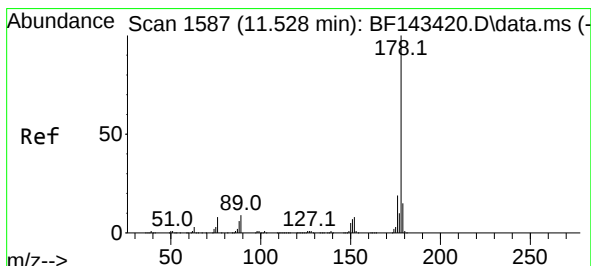
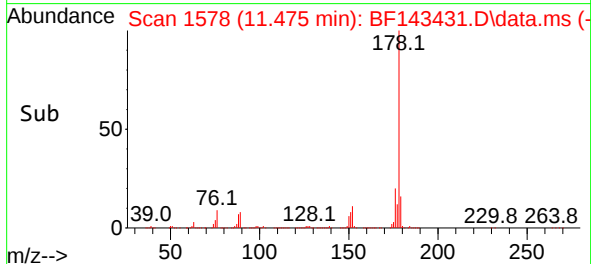
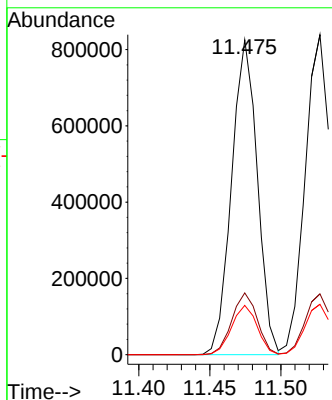
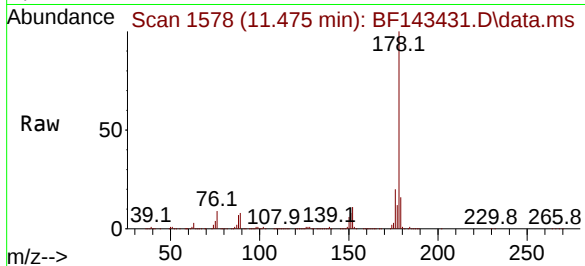




#71
Phenanthrene
Concen: 45.121 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

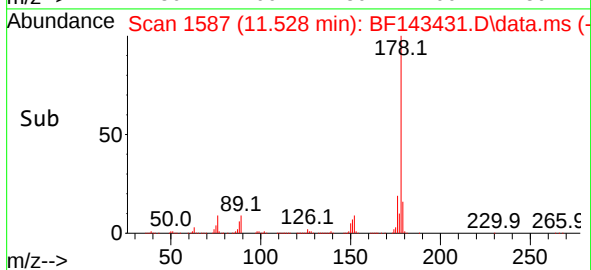
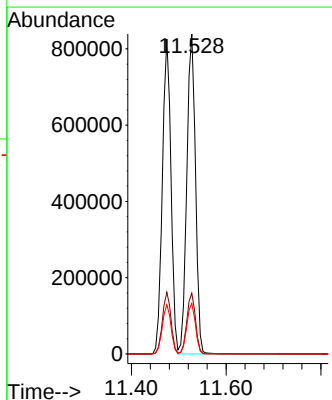
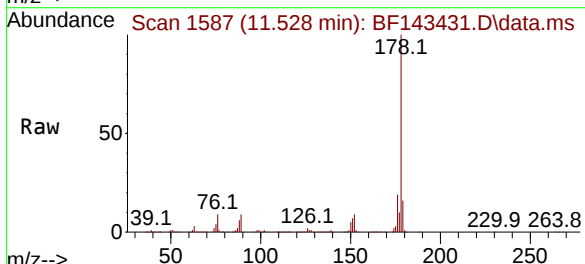
Instrument :
BNA_F
ClientSampleId :
PB169256BS

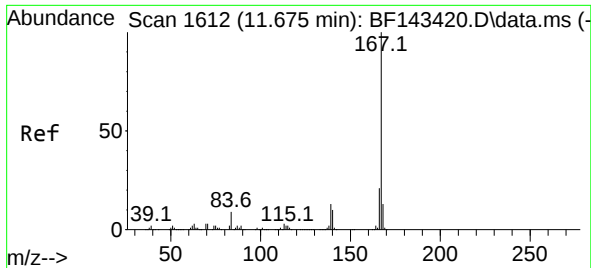
Tgt Ion:178 Resp: 1043588
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.3 18.5



#72
Anthracene
Concen: 45.517 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:178 Resp: 1063305
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.8 12.2 18.4

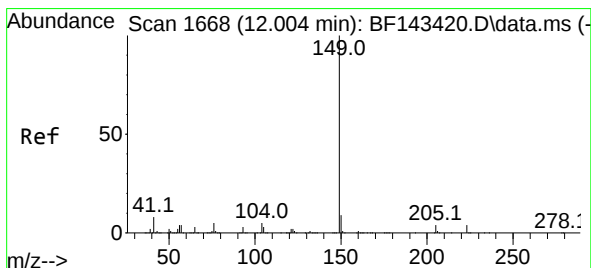
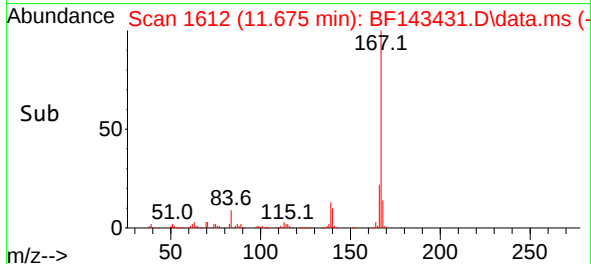
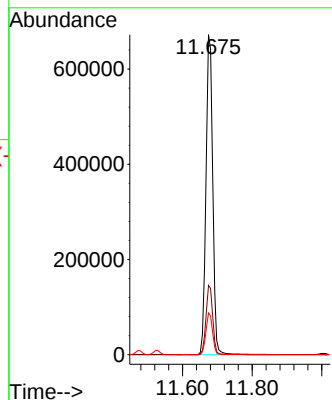
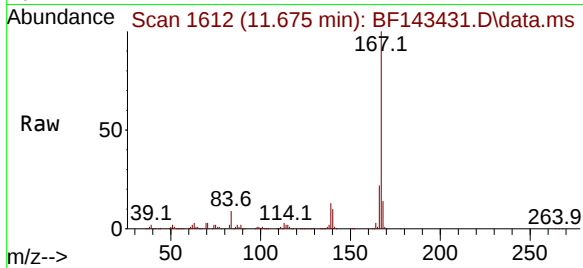




#73
 Carbazole
 Concen: 45.884 ng
 RT: 11.675 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

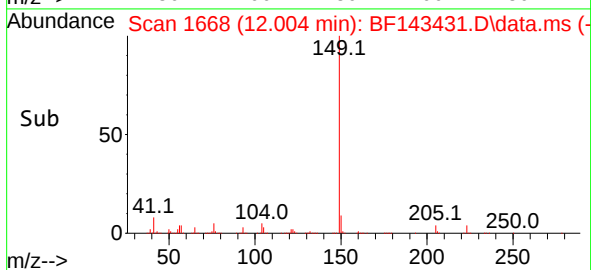
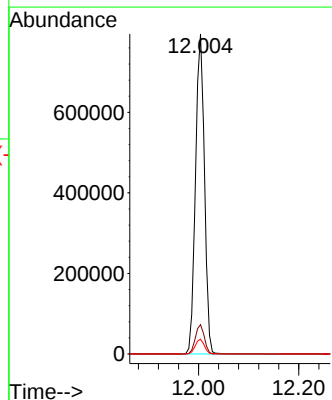
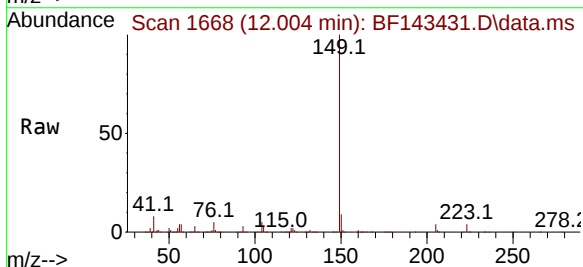
Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

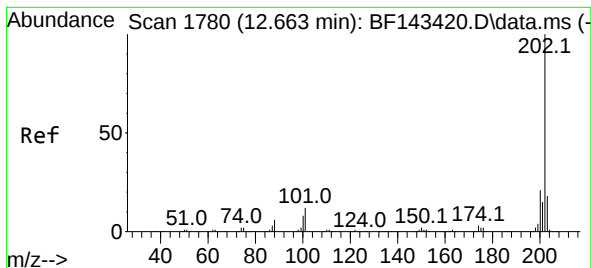
Tgt Ion:167 Resp: 906556
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 49.842 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Tgt Ion:149 Resp: 980650
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 45.901 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

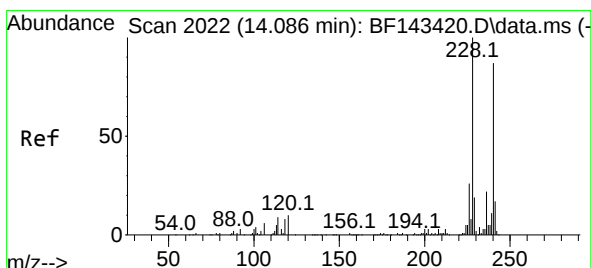
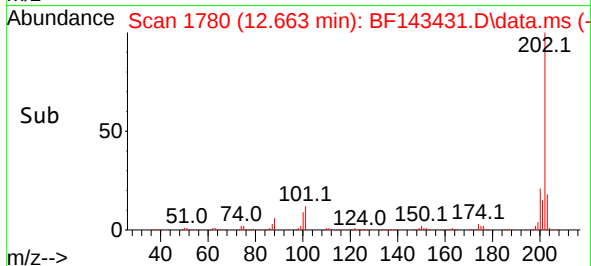
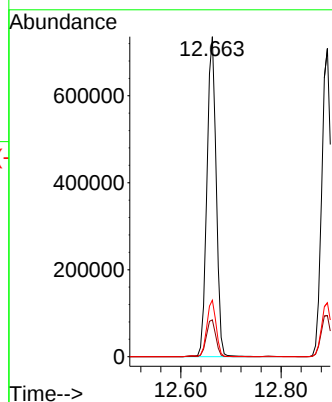
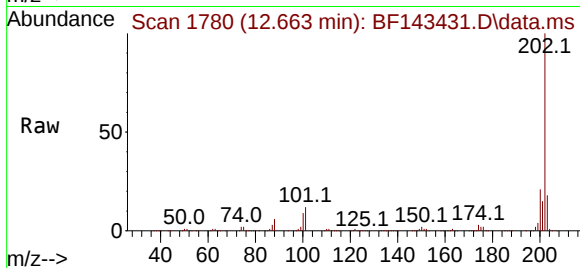
Tgt Ion:202 Resp: 943315

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

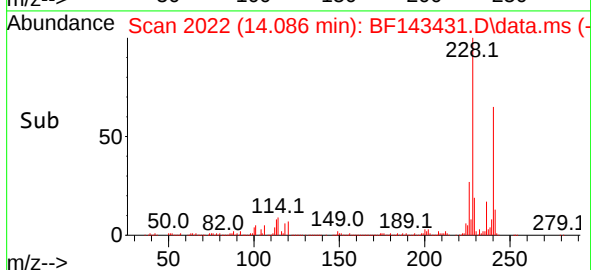
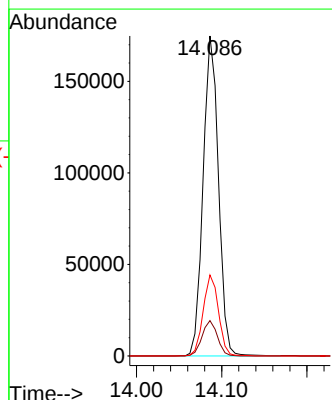
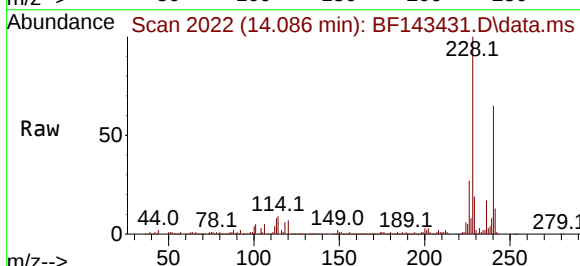
Tgt Ion:240 Resp: 218623

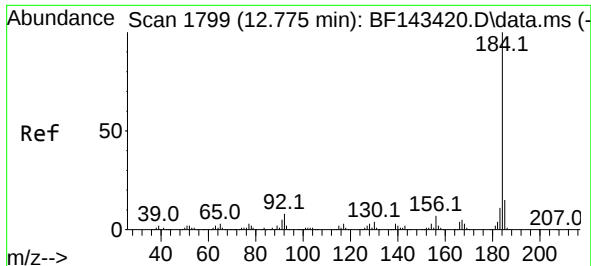
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.3 20.2 30.2

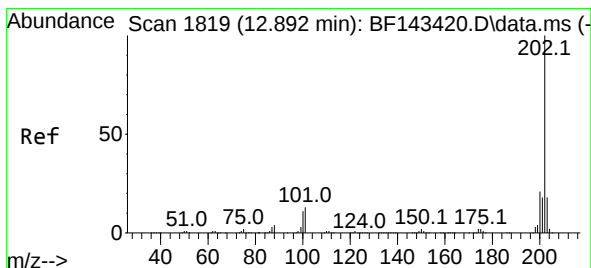
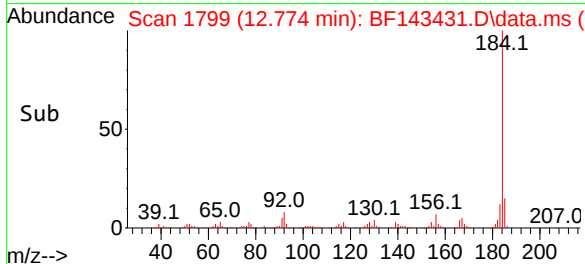
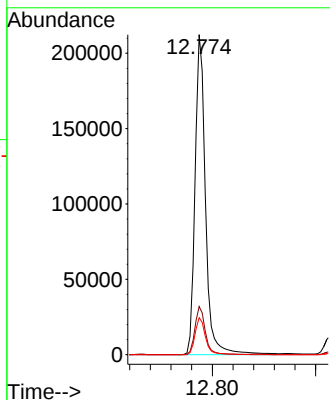
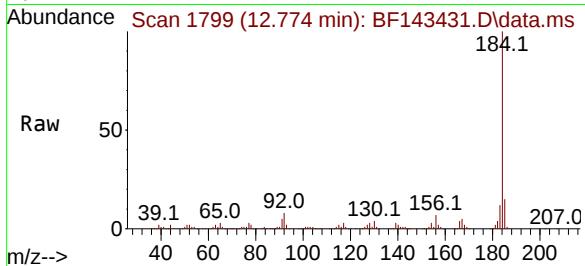




#77
Benzidine
Concen: 45.695 ng
RT: 12.774 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

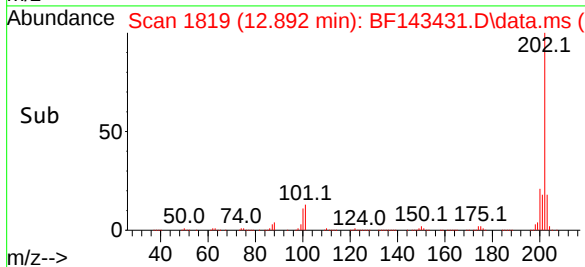
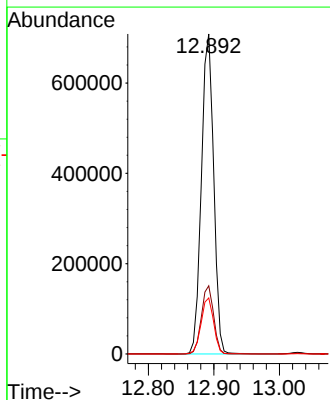
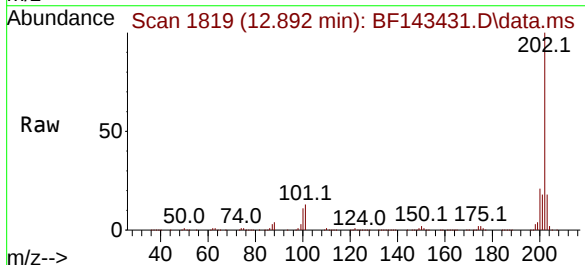
Instrument :
BNA_F
ClientSampleId :
PB169256BS

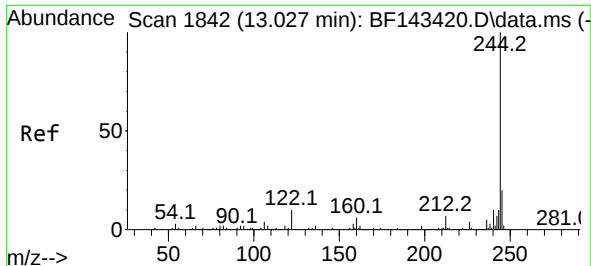
Tgt Ion:184 Resp: 298325
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 11.5 9.2 13.8



#78
Pyrene
Concen: 48.619 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

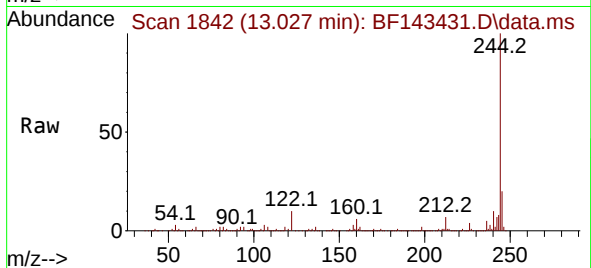
Tgt Ion:202 Resp: 923857
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.5 14.2 21.2



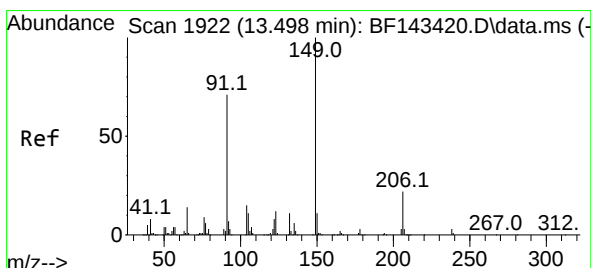
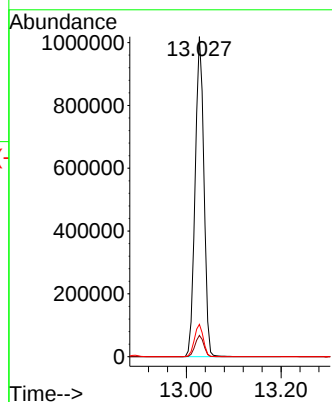
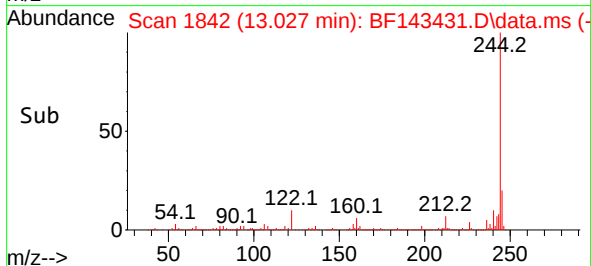


#79
 Terphenyl-d14
 Concen: 100.736 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

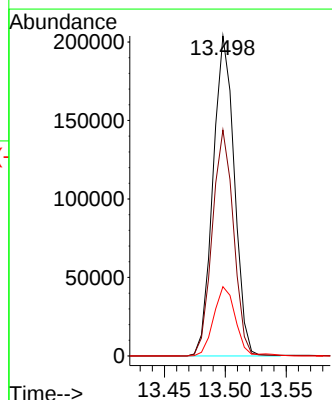
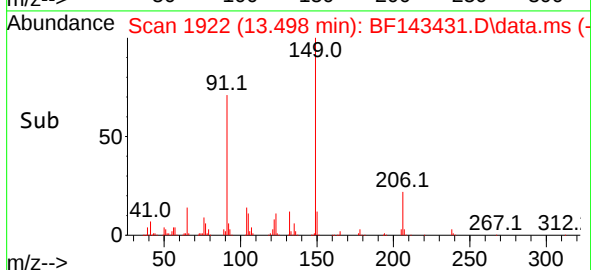
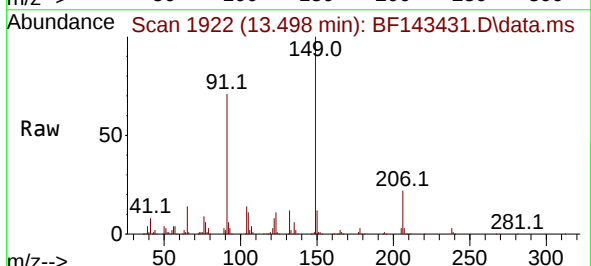


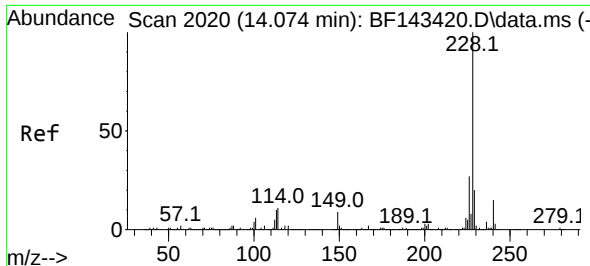
Tgt Ion:244 Resp: 1311022
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 52.876 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Tgt Ion:149 Resp: 248867
 Ion Ratio Lower Upper
 149 100
 91 70.6 57.0 85.4
 206 21.7 17.6 26.4

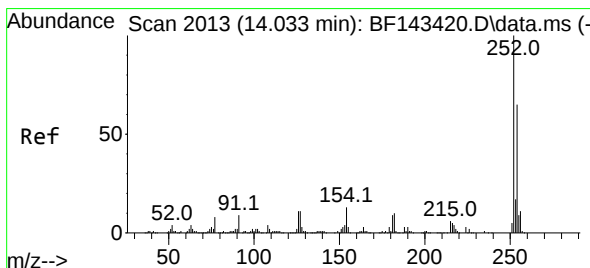
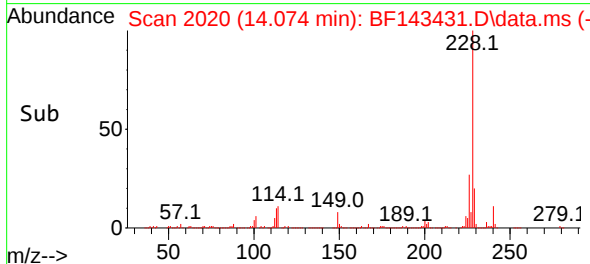
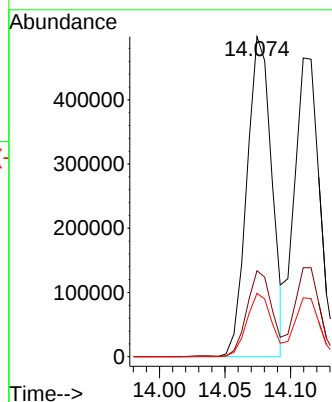
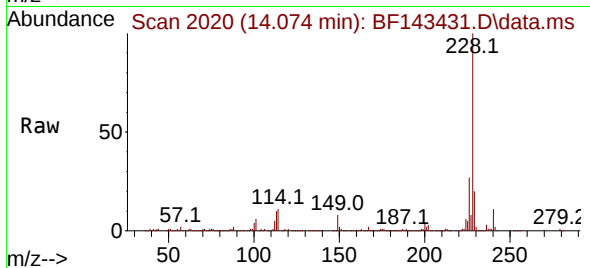




#81
Benzo(a)anthracene
Concen: 47.224 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

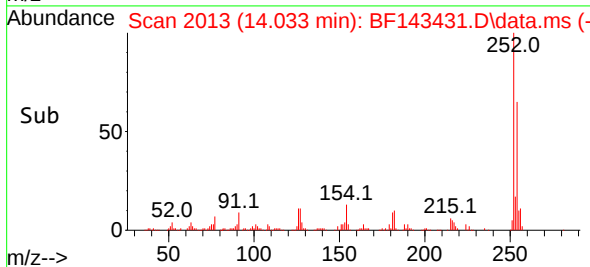
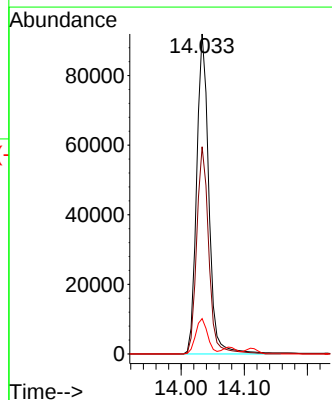
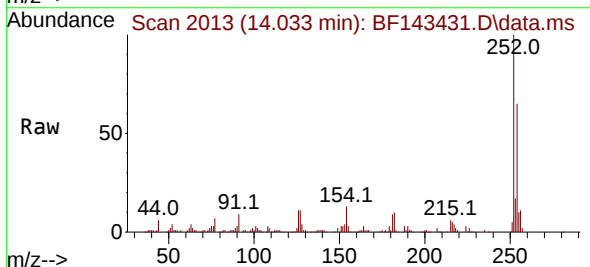
Instrument :
BNA_F
ClientSampleId :
PB169256BS

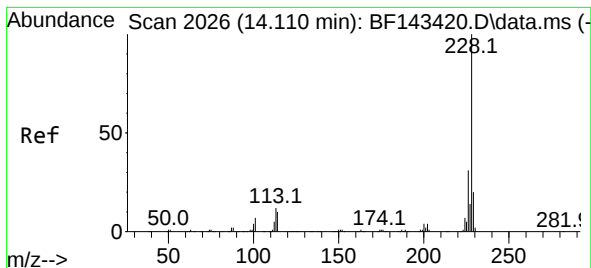
Tgt Ion:228 Resp: 657299
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 30.138 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:252 Resp: 122821
Ion Ratio Lower Upper
252 100
254 64.8 51.6 77.4
126 11.0 8.8 13.2





#83

Chrysene

Concen: 48.227 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143431.D

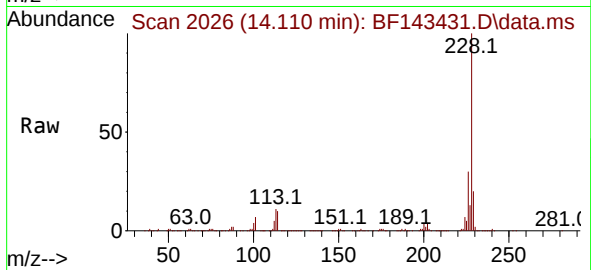
Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS



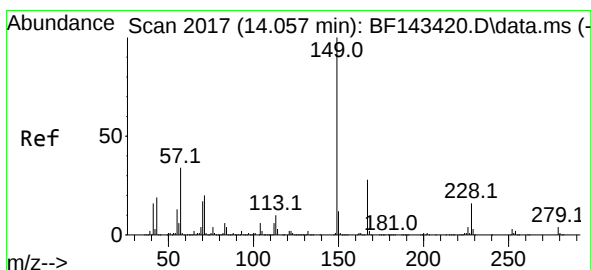
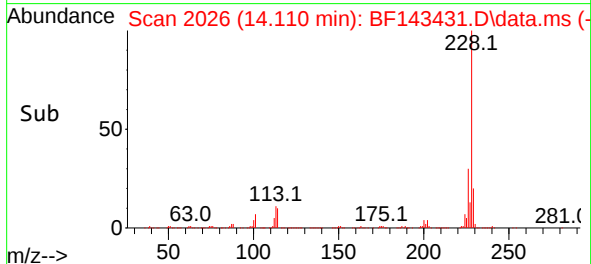
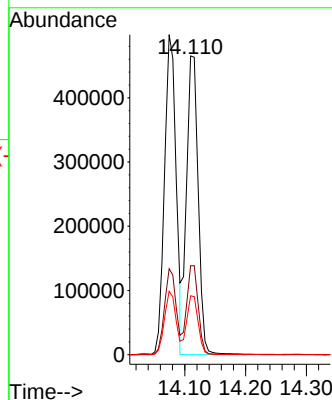
Tgt Ion:228 Resp: 620561

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.530 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

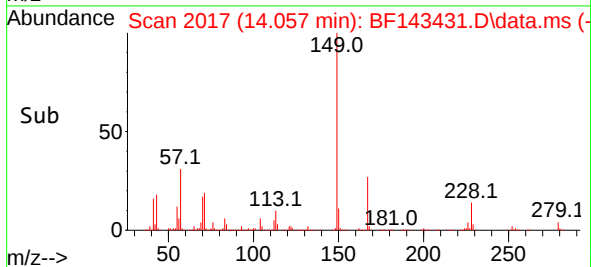
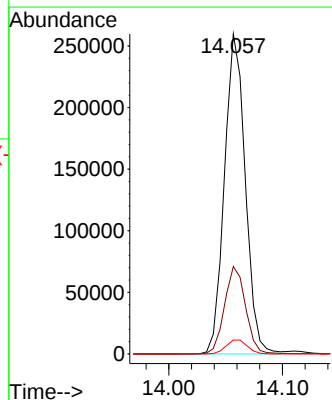
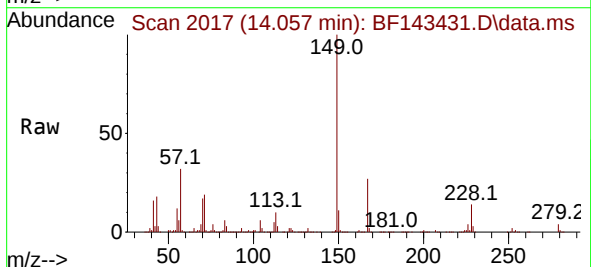
Tgt Ion:149 Resp: 331064

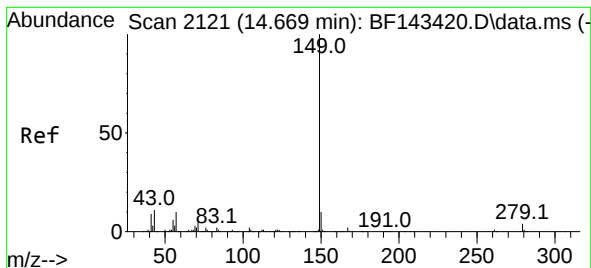
Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

279 4.4 3.5 5.3

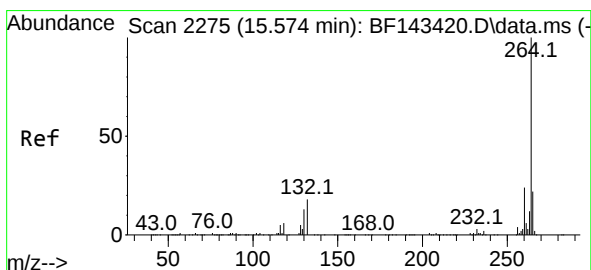
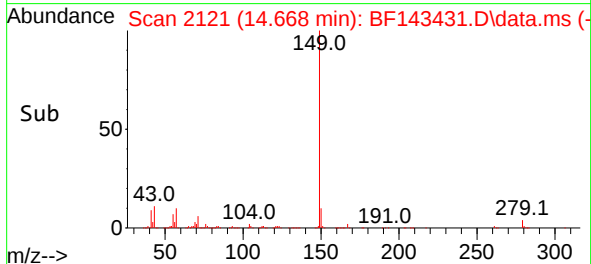
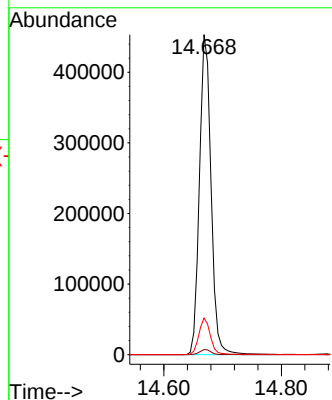
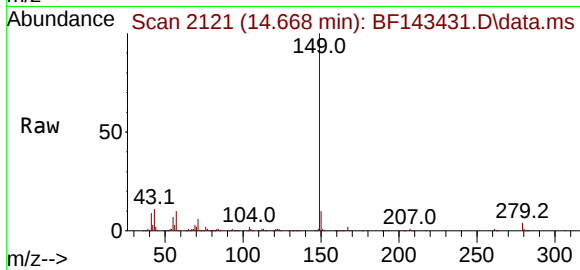




#85
Di-n-octyl phthalate
Concen: 45.717 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

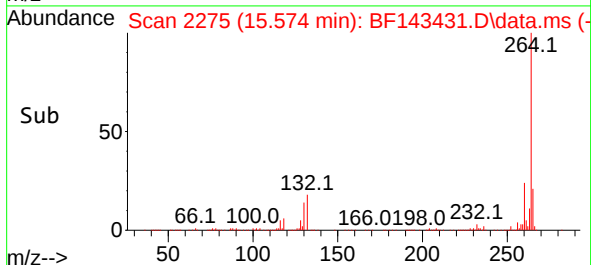
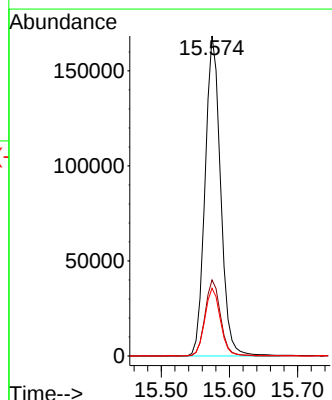
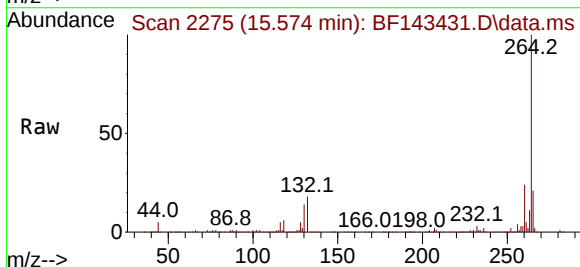
Instrument :
BNA_F
ClientSampleId :
PB169256BS

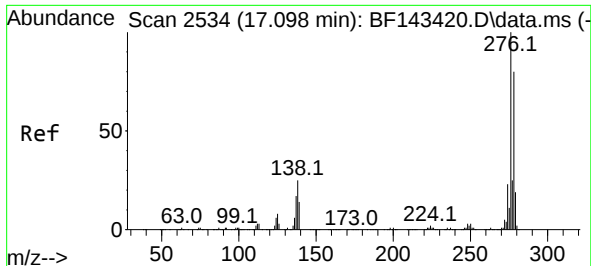
Tgt Ion:149 Resp: 619778
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:264 Resp: 267211
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.2 17.4 26.0

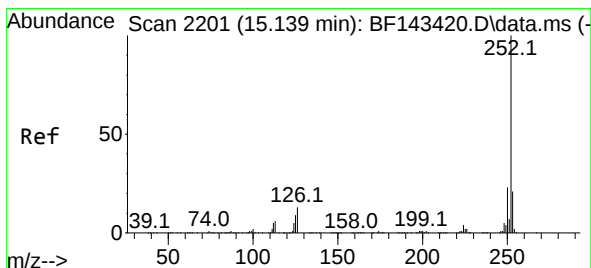
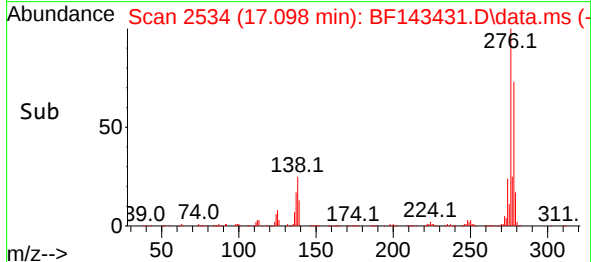
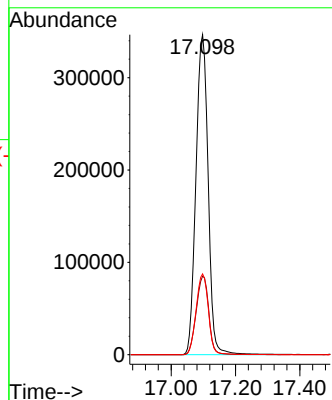
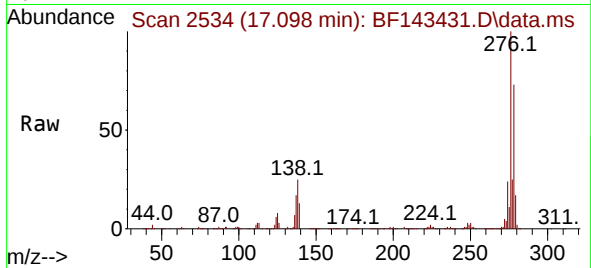




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.524 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

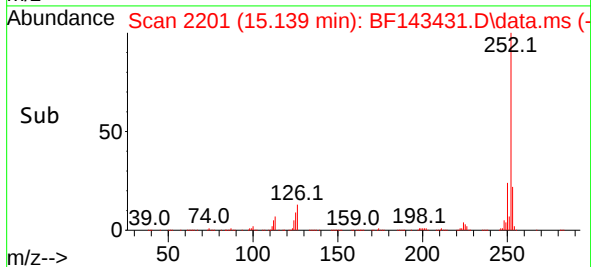
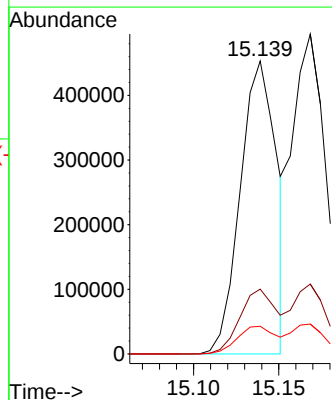
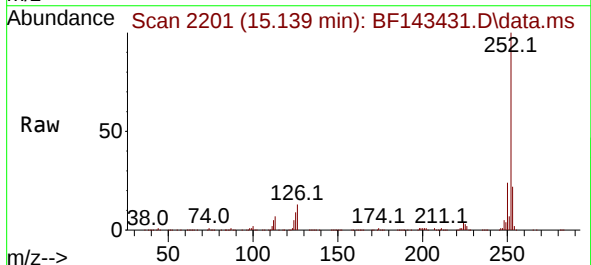
Instrument :
 BNA_F
 ClientSampleId :
 PB169256BS

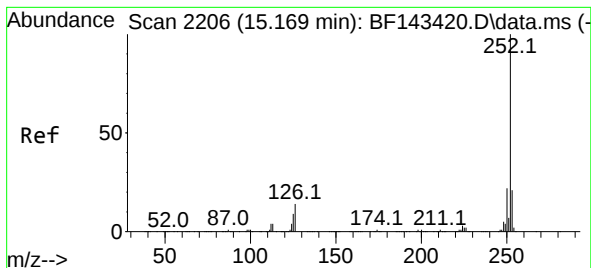
Tgt Ion:276 Resp: 912222
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.2 30.4
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.739 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF143431.D
 Acq: 18 Aug 2025 10:04

Tgt Ion:252 Resp: 669374
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.1 25.7
 125 9.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 48.795 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

PB169256BS

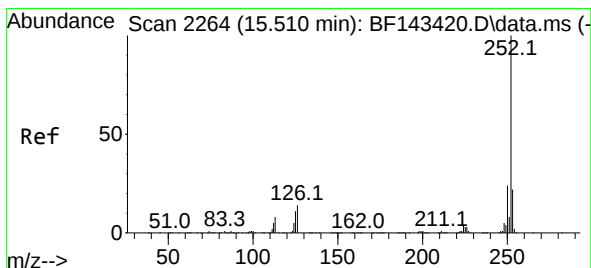
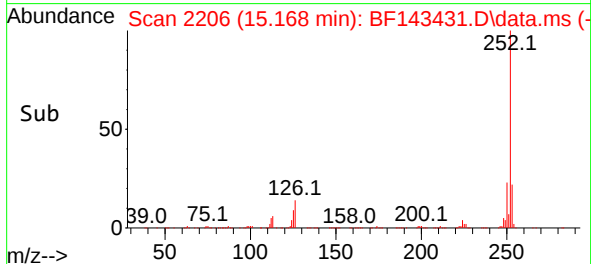
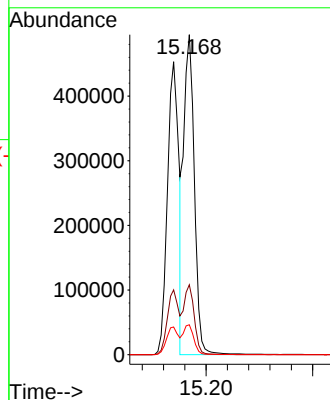
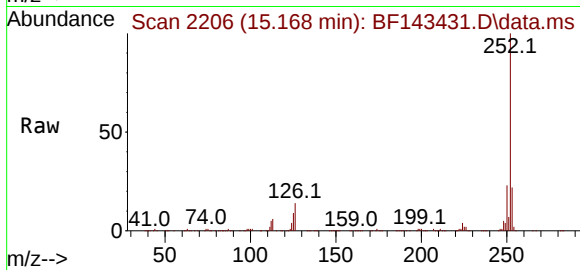
Tgt Ion:252 Resp: 689259

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.072 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143431.D

Acq: 18 Aug 2025 10:04

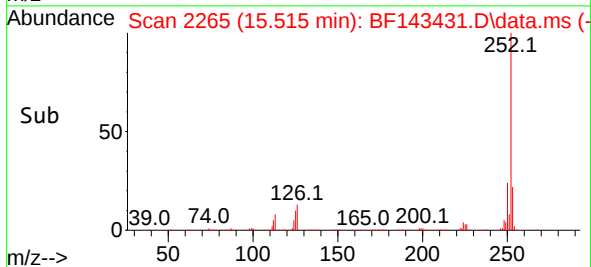
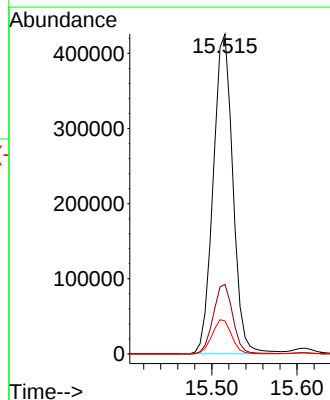
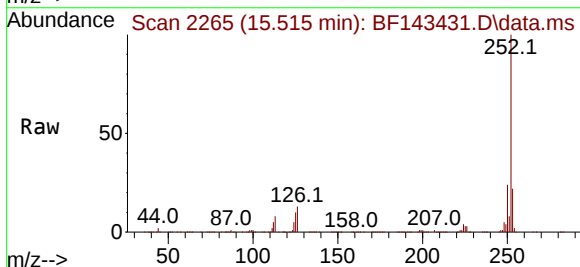
Tgt Ion:252 Resp: 683001

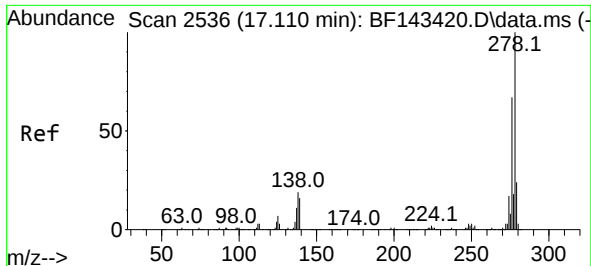
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.3 8.6 12.8

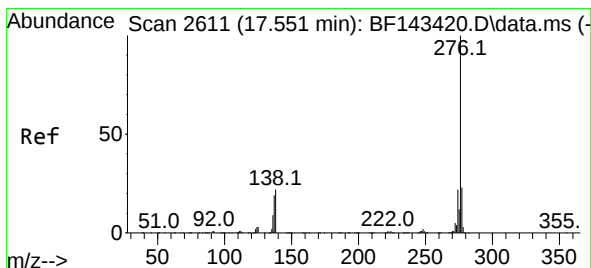
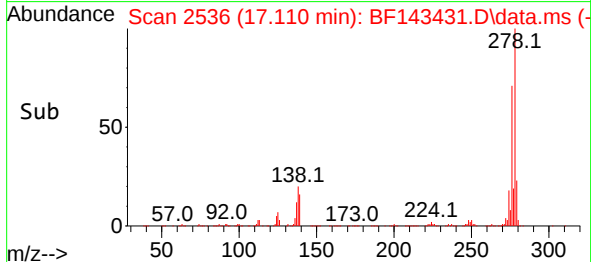
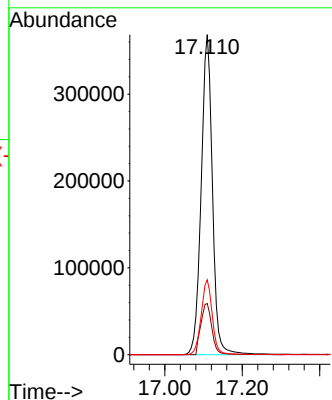
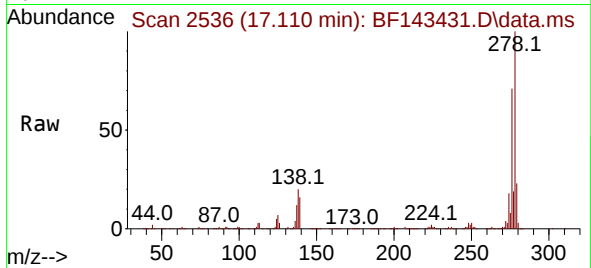




#91
Dibenzo(a,h)anthracene
Concen: 46.158 ng
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
PB169256BS

Tgt Ion:278 Resp: 742760
Ion Ratio Lower Upper
278 100
139 16.0 12.9 19.3
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.956 ng
RT: 17.557 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF143431.D
Acq: 18 Aug 2025 10:04

Tgt Ion:276 Resp: 754836
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 21.9 17.5 26.3

