

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143429.D
 Acq On : 18 Aug 2025 09:06
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:15:09 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	131653	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	514889	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280712	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	444924	20.000	ng	0.00
76) Chrysene-d12	14.086	240	223862	20.000	ng	0.00
86) Perylene-d12	15.574	264	265880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	604041	79.757	ng	0.00
7) Phenol-d6	6.557	99	756026	79.211	ng	0.00
23) Nitrobenzene-d5	7.487	82	683252	78.742	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202755	81.149	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1281342	76.776	ng	0.00
79) Terphenyl-d14	13.027	244	1126019	84.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	146980	40.318	ng	98
3) Pyridine	3.510	79	392034	41.002	ng	99
4) n-Nitrosodimethylamine	3.452	42	179061	40.291	ng	98
6) Aniline	6.593	93	518891	40.046	ng	100
8) 2-Chlorophenol	6.716	128	331816	39.684	ng	99
9) Benzaldehyde	6.475	77	175928	34.649	ng	99
10) Phenol	6.575	94	444676	39.926	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	330567	40.041	ng	99
12) 1,3-Dichlorobenzene	6.869	146	366324	39.111	ng	99
13) 1,4-Dichlorobenzene	6.945	146	374257	40.024	ng	100
14) 1,2-Dichlorobenzene	7.098	146	352533	39.471	ng	99
15) Benzyl Alcohol	7.069	79	279823	39.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	560282	39.697	ng	100
17) 2-Methylphenol	7.181	107	274265	40.203	ng	99
18) Hexachloroethane	7.439	117	125190	39.332	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	231003	39.095	ng	98
20) 3+4-Methylphenols	7.334	107	331003	40.587	ng	99
22) Acetophenone	7.334	105	426111	38.491	ng	100
24) Nitrobenzene	7.504	77	361829	39.898	ng	100
25) Isophorone	7.745	82	662307	39.881	ng	99
26) 2-Nitrophenol	7.822	139	155677	37.029	ng	98
27) 2,4-Dimethylphenol	7.863	122	276223	38.859	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402194	39.401	ng	99
29) 2,4-Dichlorophenol	8.069	162	291170	40.183	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	291877	39.312	ng	99
31) Naphthalene	8.234	128	965167	39.484	ng	100
32) Benzoic acid	7.975	122	121859	32.963	ng	99
33) 4-Chloroaniline	8.275	127	350803	39.758	ng	100
34) Hexachlorobutadiene	8.351	225	188826	39.883	ng	98
35) Caprolactam	8.645	113	85562	41.013	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	297024	39.801	ng	100
37) 2-Methylnaphthalene	8.922	142	643429	39.050	ng	100
38) 1-Methylnaphthalene	9.022	142	615790	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	307452	39.273	ng	100
41) Hexachlorocyclopentadiene	9.081	237	97535	37.941	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	191901	39.295	ng	98

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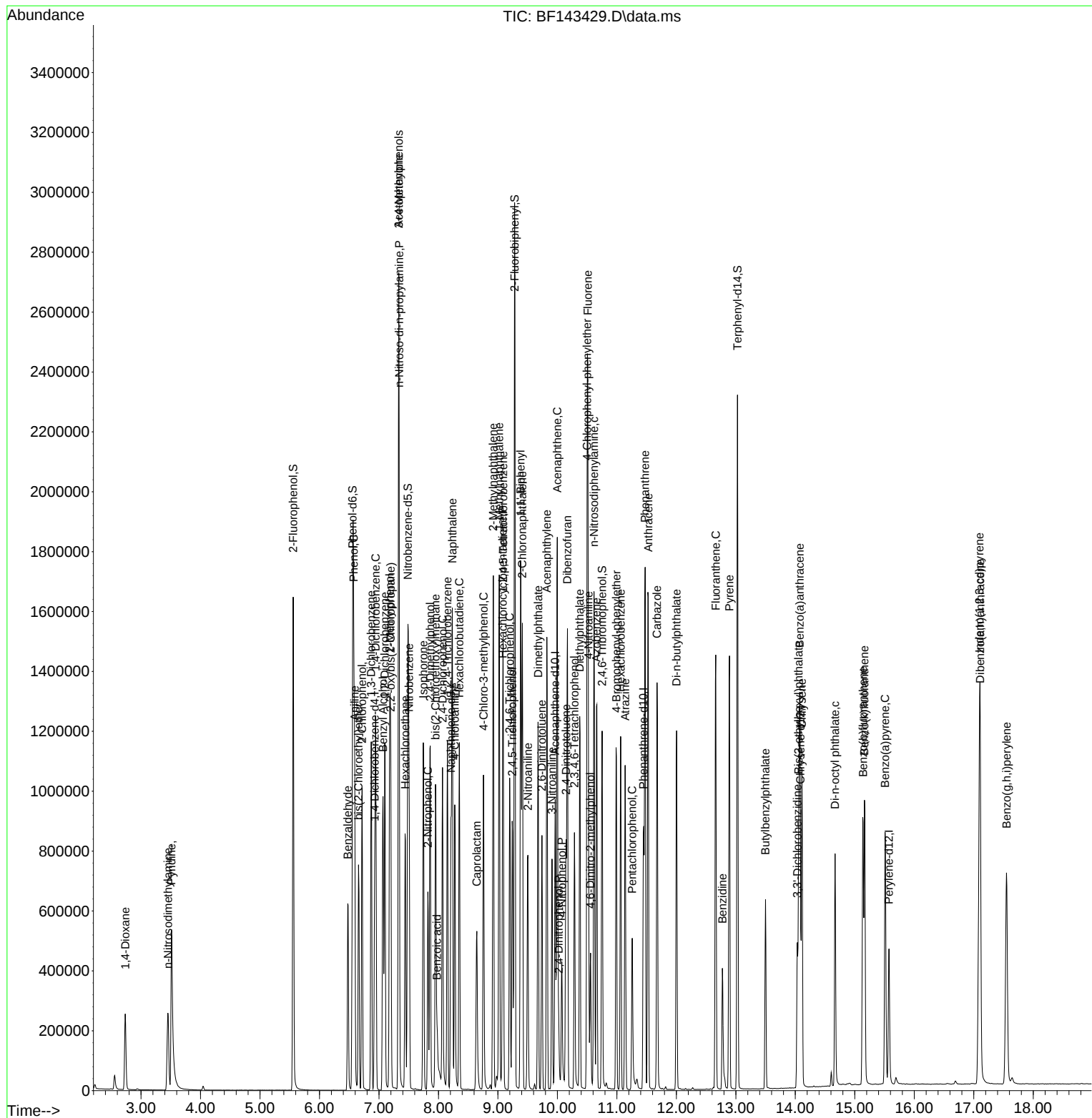
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	211642	40.430	ng	96
46) 1,1'-Biphenyl	9.381	154	772560	39.170	ng	100
47) 2-Chloronaphthalene	9.410	162	612724	39.356	ng	99
48) 2-Nitroaniline	9.504	65	183872	39.687	ng	95
49) Acenaphthylene	9.822	152	891356	39.654	ng	100
50) Dimethylphthalate	9.675	163	702928	40.165	ng	100
51) 2,6-Dinitrotoluene	9.739	165	141282	40.951	ng	99
52) Acenaphthene	9.998	154	591370	39.115	ng	100
53) 3-Nitroaniline	9.910	138	159737	41.565	ng	100
54) 2,4-Dinitrophenol	10.022	184	46856	32.877	ng	99
55) Dibenzofuran	10.169	168	860223	39.442	ng	99
56) 4-Nitrophenol	10.075	139	98531	40.781	ng	98
57) 2,4-Dinitrotoluene	10.145	165	193875	42.149	ng	99
58) Fluorene	10.510	166	653929	39.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	159517	40.256	ng	97
60) Diethylphthalate	10.375	149	651738	40.299	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	330221	39.864	ng	99
62) 4-Nitroaniline	10.522	138	150843	41.970	ng	97
63) Azobenzene	10.657	77	662810	40.549	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	82955	36.136	ng	97
66) n-Nitrosodiphenylamine	10.616	169	567036	39.195	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	208080	39.604	ng	100
68) Hexachlorobenzene	11.063	284	219775	39.348	ng	100
69) Atrazine	11.139	200	174661	41.277	ng	100
70) Pentachlorophenol	11.257	266	101440	41.297	ng	99
71) Phenanthrene	11.475	178	930142	38.606	ng	100
72) Anthracene	11.527	178	948346	38.971	ng	100
73) Carbazole	11.675	167	801523	38.944	ng	100
74) Di-n-butylphthalate	12.004	149	848115	41.381	ng	100
75) Fluoranthene	12.663	202	838319	39.159	ng	100
77) Benzidine	12.774	184	243797	36.469	ng	99
78) Pyrene	12.892	202	839274	43.134	ng	99
80) Butylbenzylphthalate	13.498	149	192746	39.994	ng	100
81) Benzo(a)anthracene	14.074	228	561206	39.377	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	157427	37.726	ng	99
83) Chrysene	14.110	228	520801	39.527	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	268833	39.279	ng	99
85) Di-n-octyl phthalate	14.668	149	520946	37.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	812459	40.748	ng	100
88) Benzo(b)fluoranthene	15.139	252	582964	40.909	ng	99
89) Benzo(k)fluoranthene	15.163	252	534086	37.999	ng	99
90) Benzo(a)pyrene	15.510	252	544481	40.116	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	653257	40.799	ng	99
92) Benzo(g,h,i)perylene	17.551	276	656182	41.024	ng	99

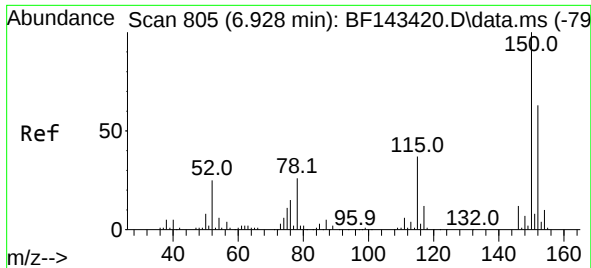
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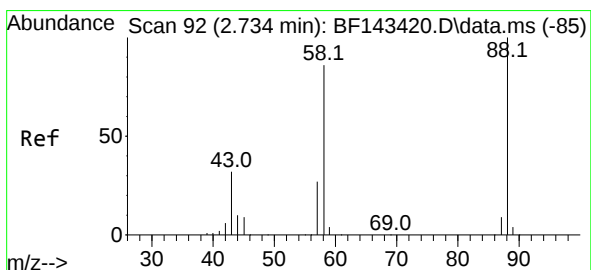
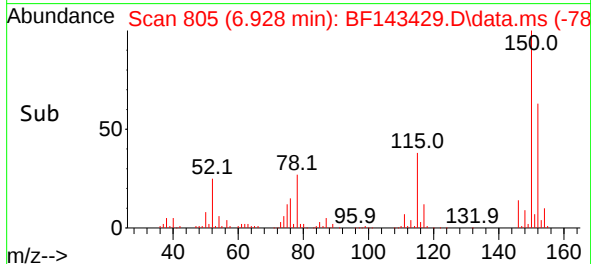
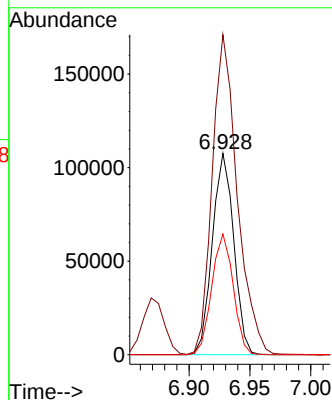
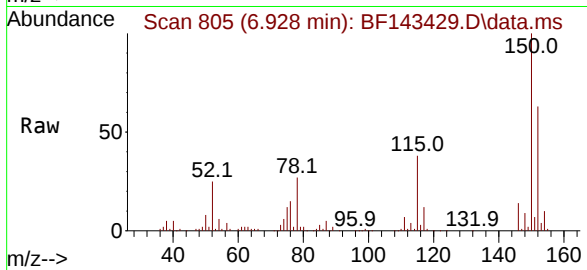




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

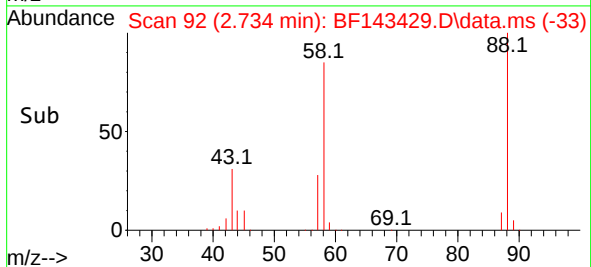
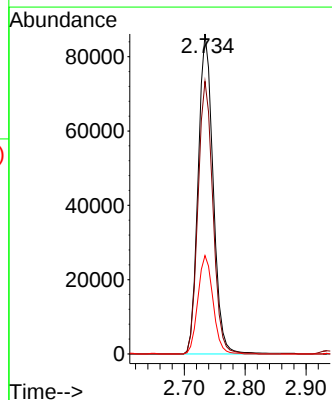
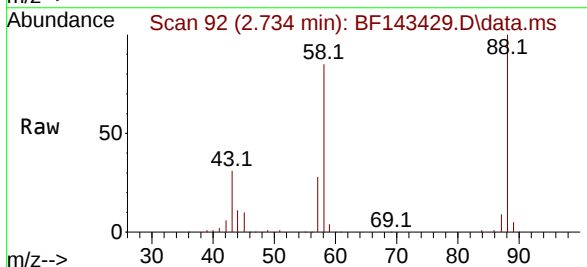
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

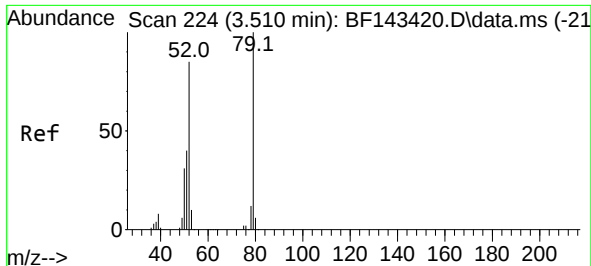
Tgt Ion:152 Resp: 131653
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 59.9 47.5 71.3



#2
1,4-Dioxane
Concen: 40.318 ng
RT: 2.734 min Scan# 92
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 88 Resp: 146980
Ion Ratio Lower Upper
88 100
58 84.7 68.7 103.1
43 30.9 26.1 39.1





#3

Pyridine

Concen: 41.002 ng

RT: 3.510 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

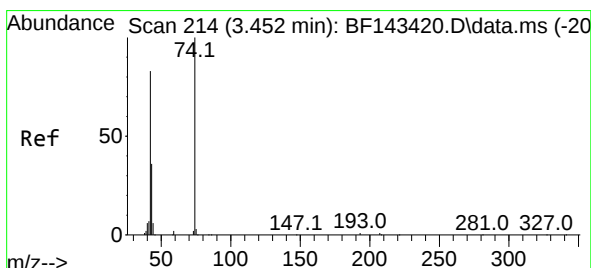
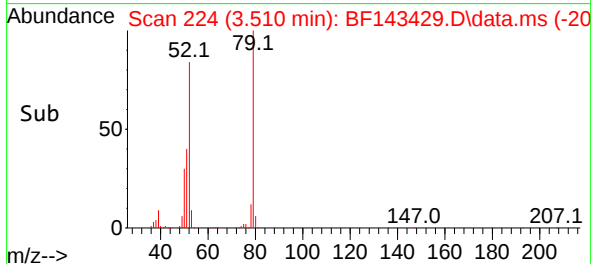
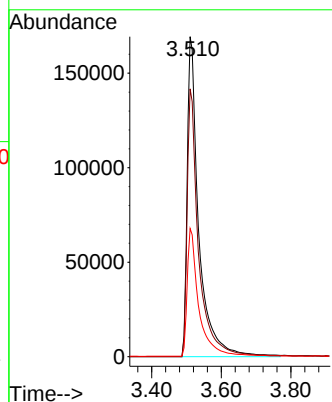
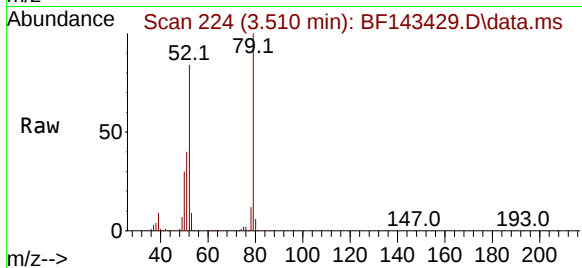
Tgt Ion: 79 Resp: 392034

Ion Ratio Lower Upper

79 100

52 83.7 67.7 101.5

51 40.1 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.291 ng

RT: 3.452 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

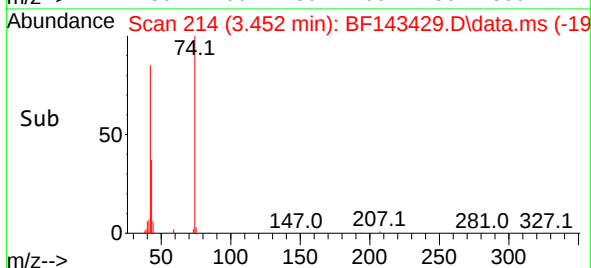
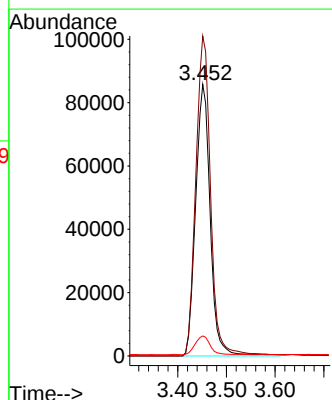
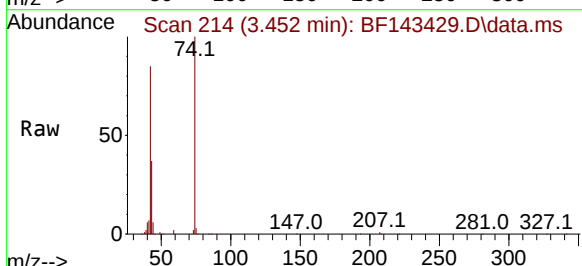
Tgt Ion: 42 Resp: 179061

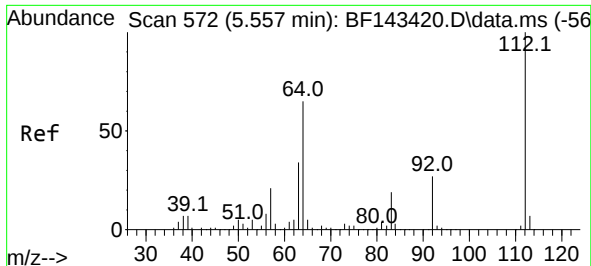
Ion Ratio Lower Upper

42 100

74 117.9 96.2 144.4

44 7.4 5.9 8.9

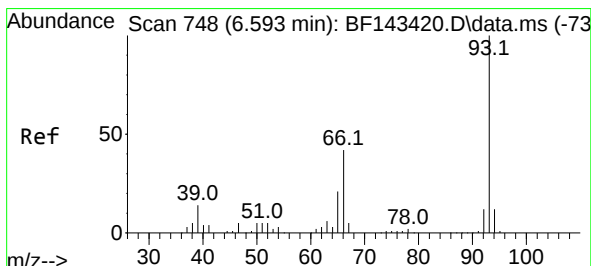
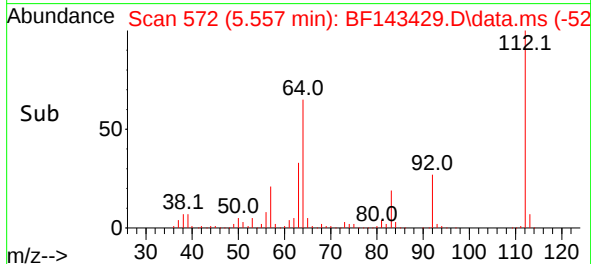
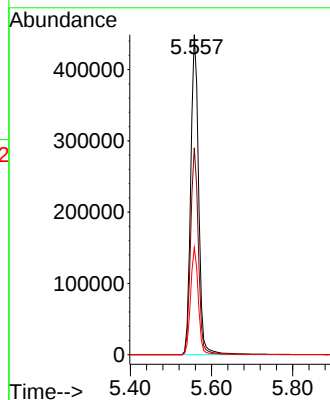
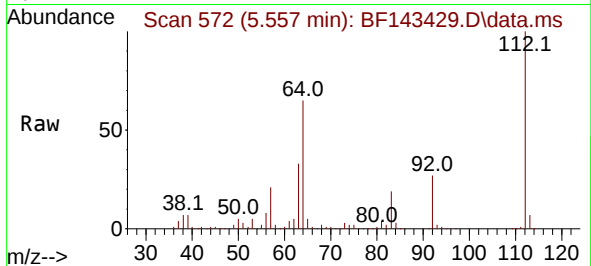




#5
2-Fluorophenol
Concen: 79.757 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

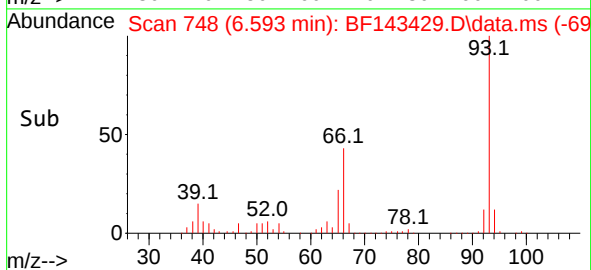
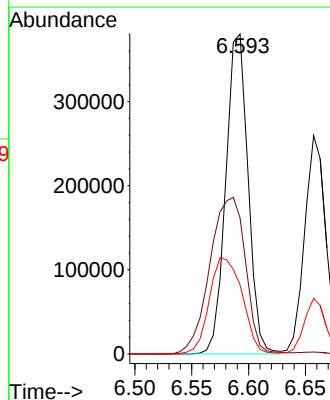
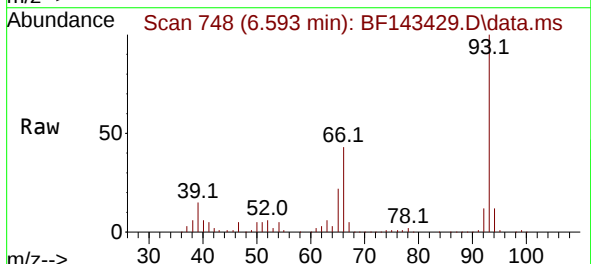
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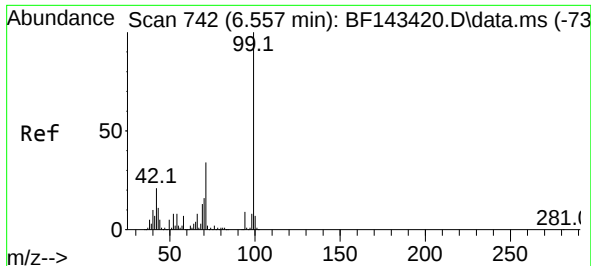
Tgt Ion:112 Resp: 604041
Ion Ratio Lower Upper
112 100
64 64.7 52.2 78.2
63 33.5 27.0 40.6



#6
Aniline
Concen: 40.046 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 93 Resp: 518891
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 21.6 17.2 25.8

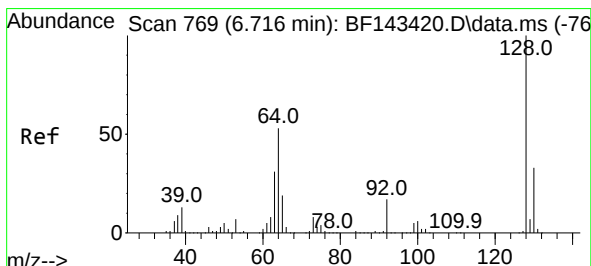
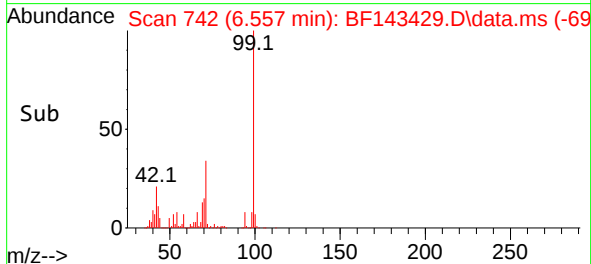
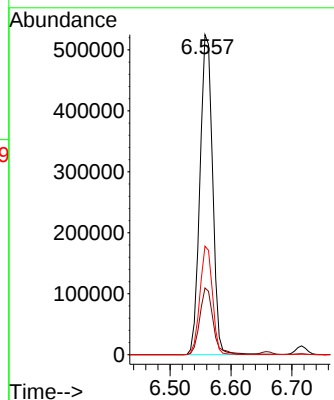
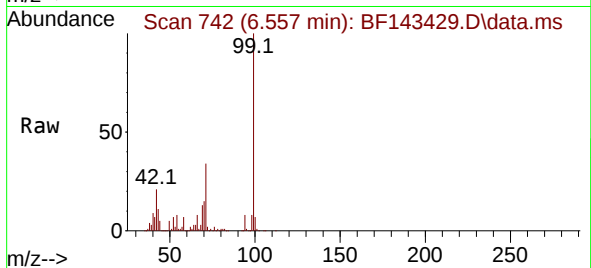




#7
Phenol-d6
Concen: 79.211 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

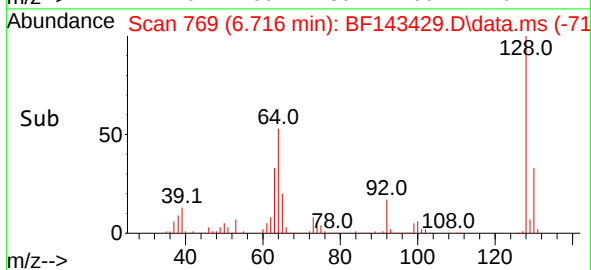
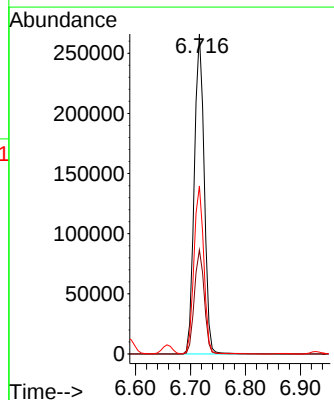
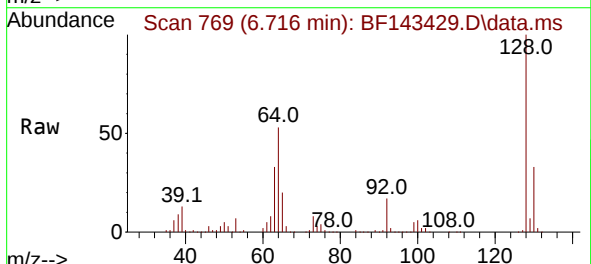
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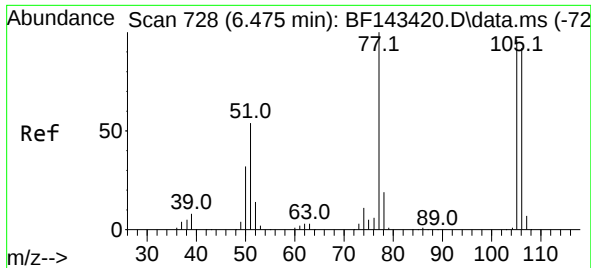
Tgt Ion: 99 Resp: 756026
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 39.684 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 128 Resp: 331816
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 52.5 33.1 73.1





#9

Benzaldehyde

Concen: 34.649 ng

RT: 6.475 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

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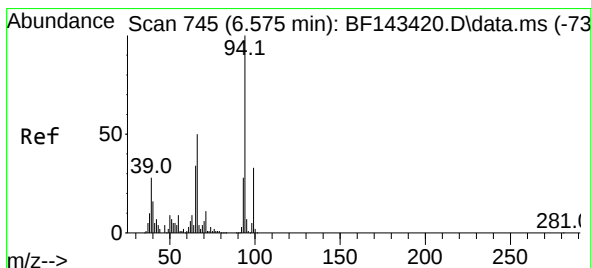
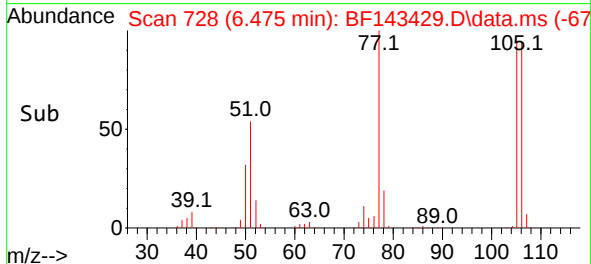
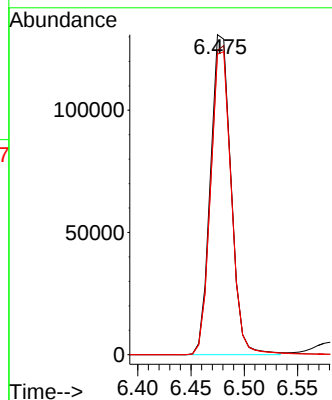
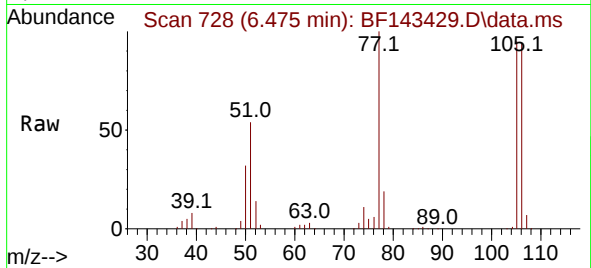
Tgt Ion: 77 Resp: 175928

Ion Ratio Lower Upper

77 100

105 95.1 75.5 115.5

106 93.9 72.0 112.0



#10

Phenol

Concen: 39.926 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

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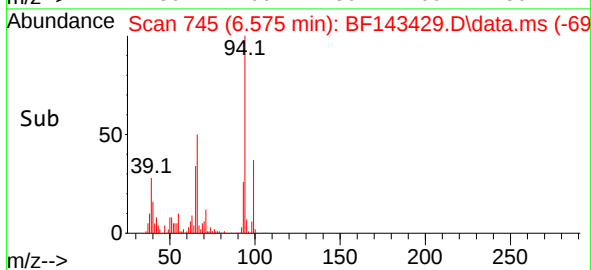
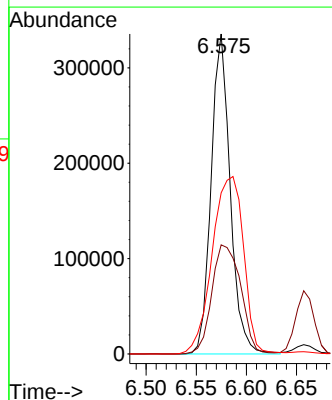
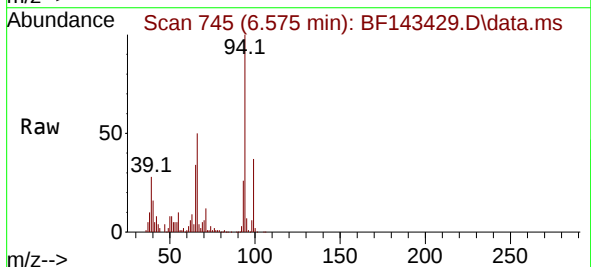
Tgt Ion: 94 Resp: 444676

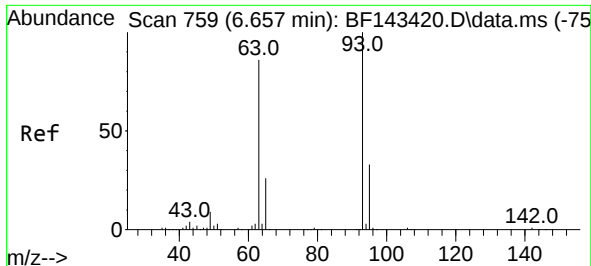
Ion Ratio Lower Upper

94 100

65 34.1 13.7 53.7

66 50.3 30.3 70.3

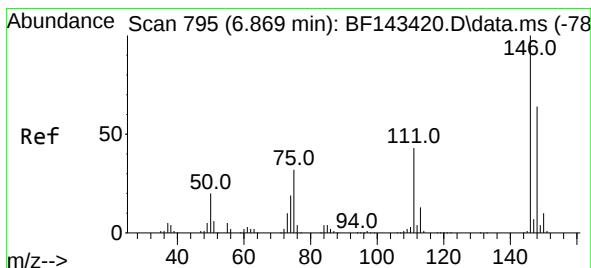
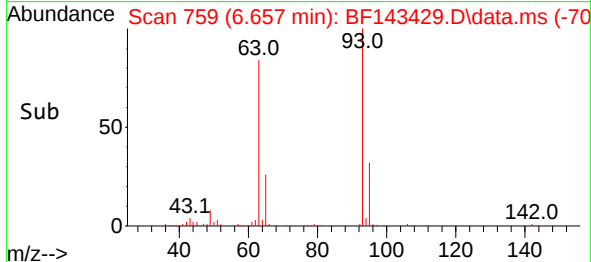
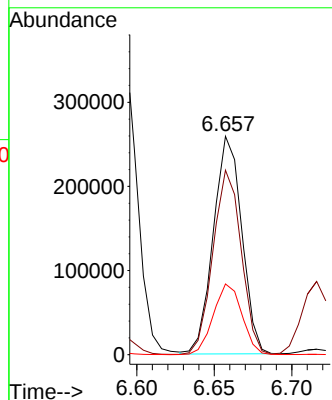
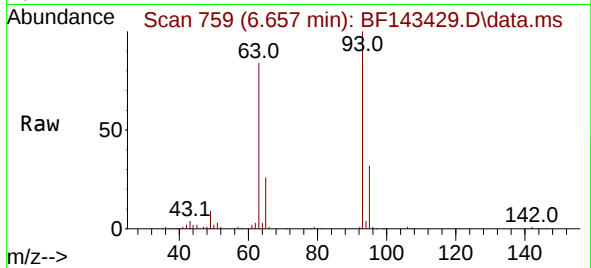




#11
bis(2-Chloroethyl)ether
Concen: 40.041 ng
RT: 6.657 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

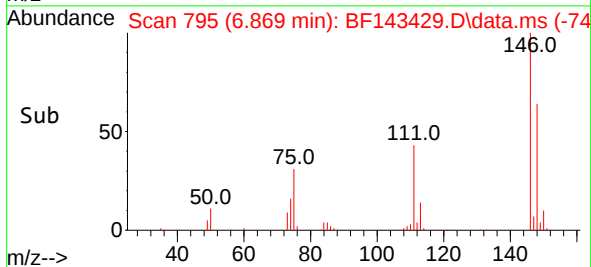
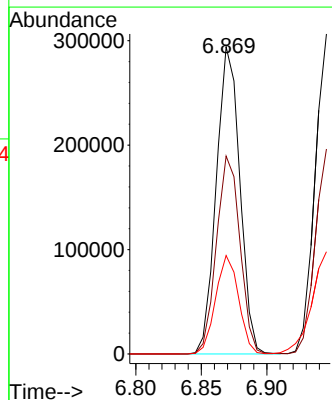
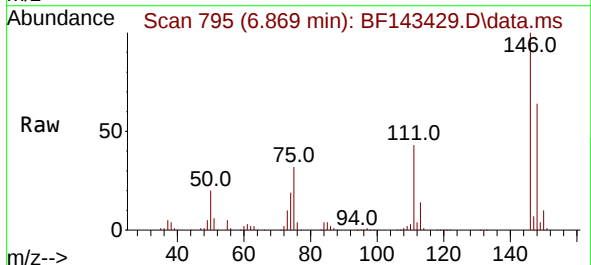
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

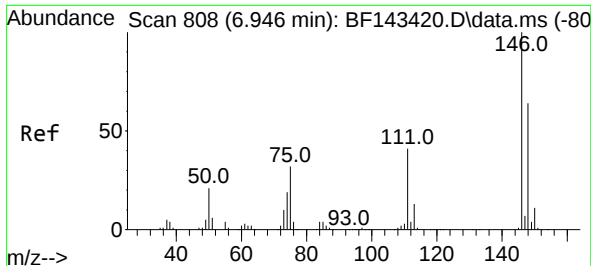
Tgt Ion: 93 Resp: 330567
Ion Ratio Lower Upper
93 100
63 84.5 65.4 105.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.111 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:146 Resp: 366324
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.1 25.3 37.9

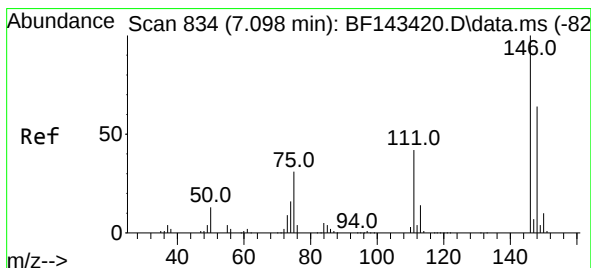
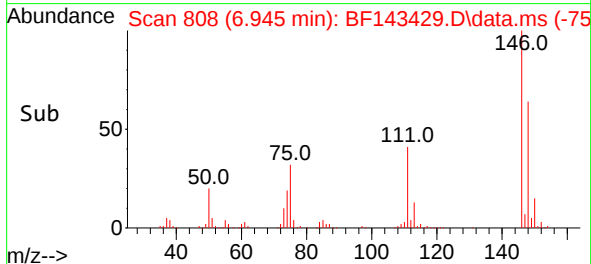
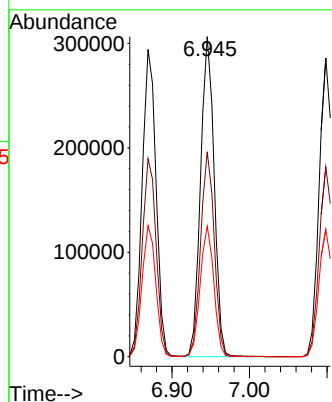
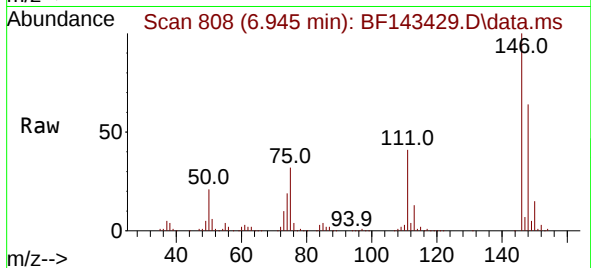




#13
1,4-Dichlorobenzene
Concen: 40.024 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

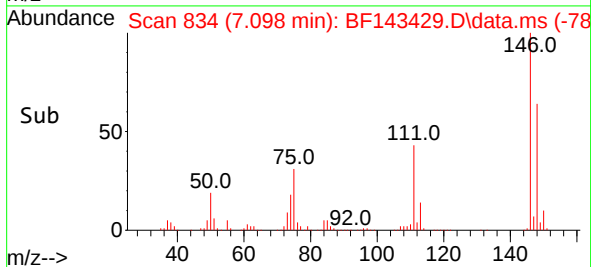
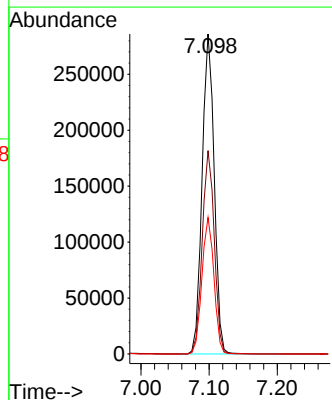
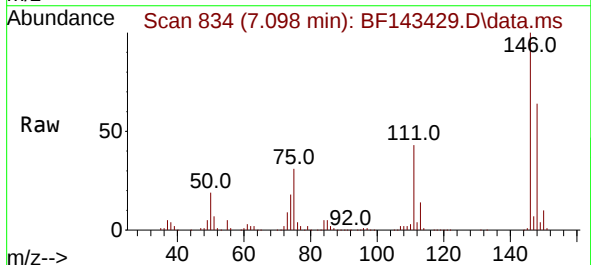
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

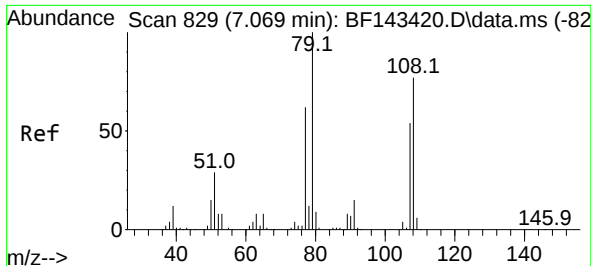
Tgt Ion:146 Resp: 374257
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 40.8 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 39.471 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:146 Resp: 352533
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 42.6 33.9 50.9

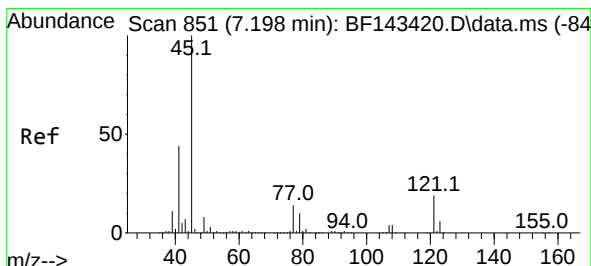
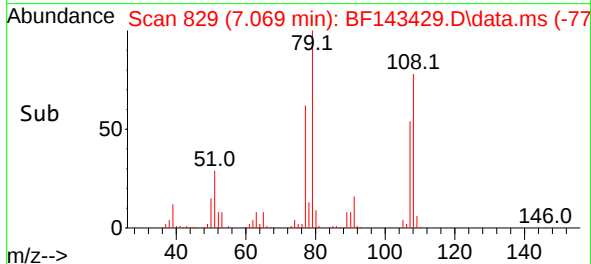
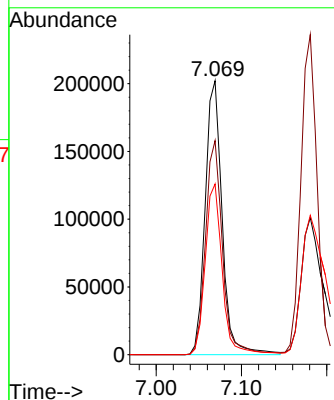
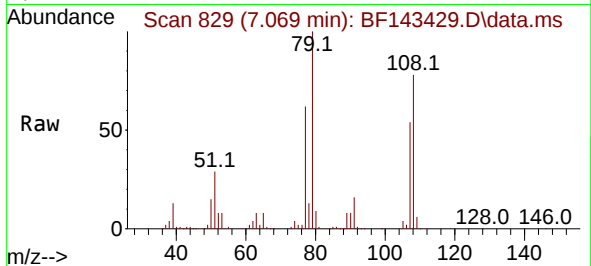




#15
Benzyl Alcohol
Concen: 39.755 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

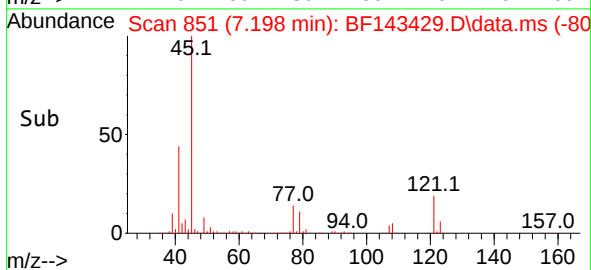
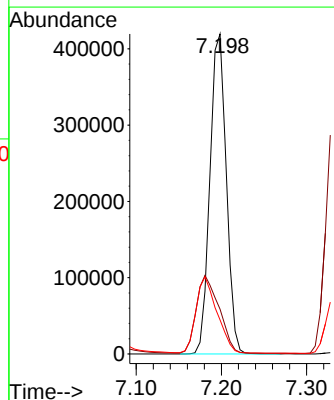
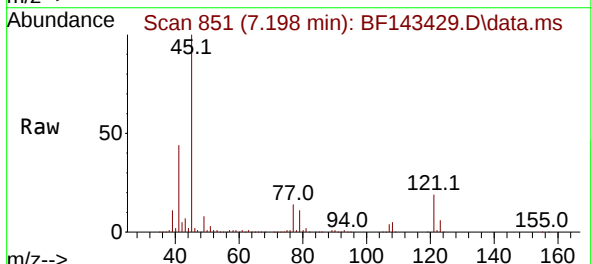
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

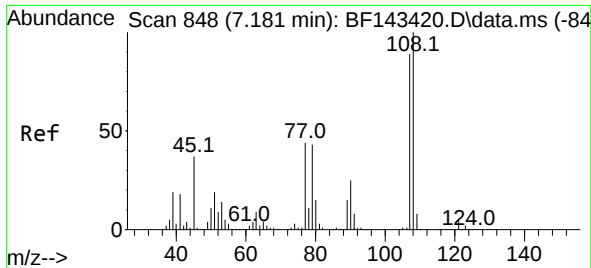
Tgt Ion: 79 Resp: 279823
Ion Ratio Lower Upper
79 100
108 78.1 61.9 92.9
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.697 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 45 Resp: 560282
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 10.7 0.0 30.7

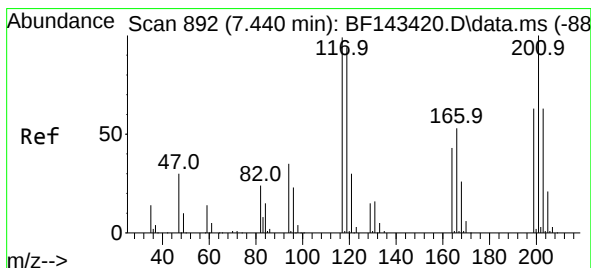
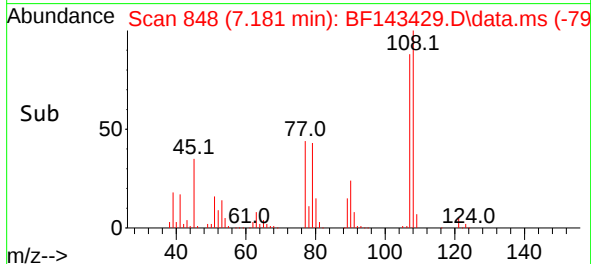
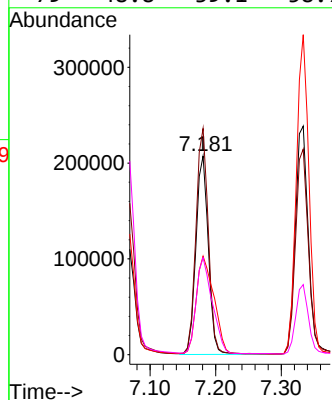
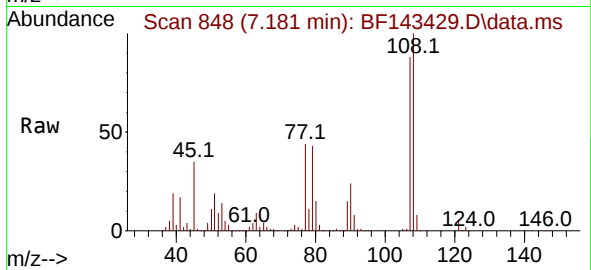




#17
2-Methylphenol
Concen: 40.203 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

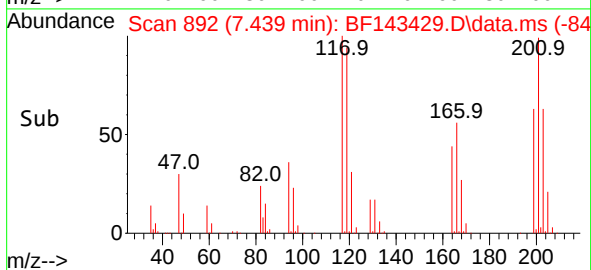
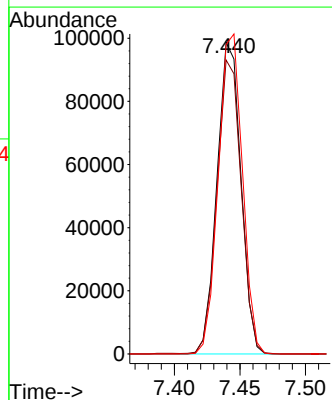
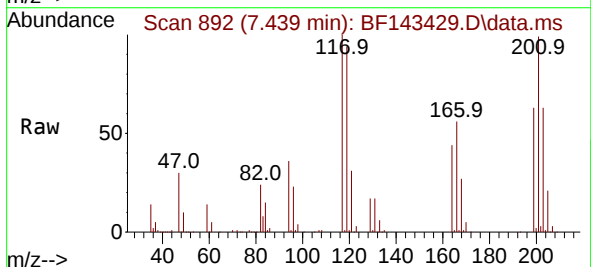
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

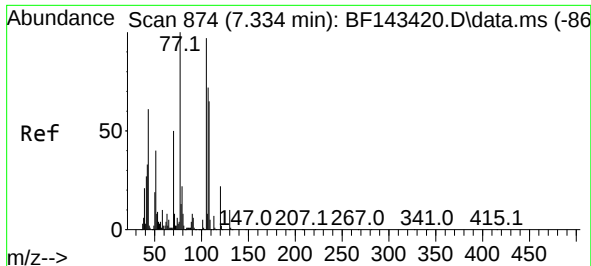
Tgt Ion:	107	Resp:	274265
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.1	135.1
77	49.6	39.9	59.9
79	48.8	39.1	58.7



#18
Hexachloroethane
Concen: 39.332 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:	117	Resp:	125190
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.6	114.8
201	99.3	81.0	121.4



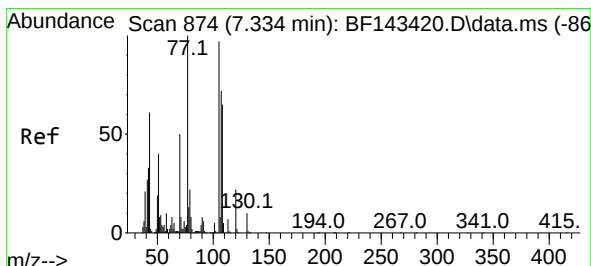
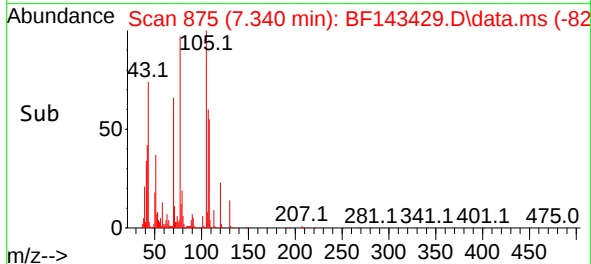
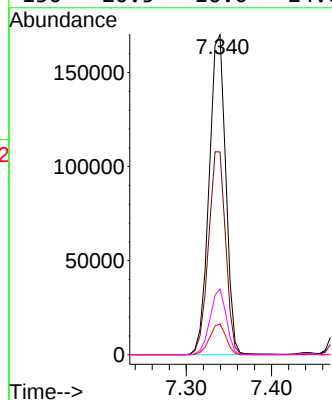
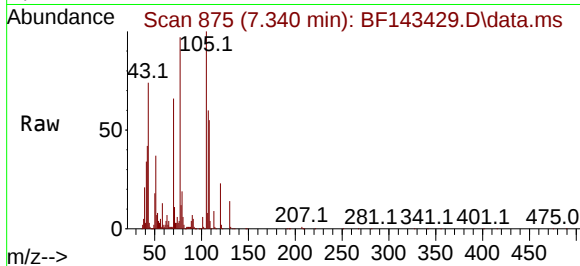


#19
n-Nitroso-di-n-propylamine
Concen: 39.095 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 231003

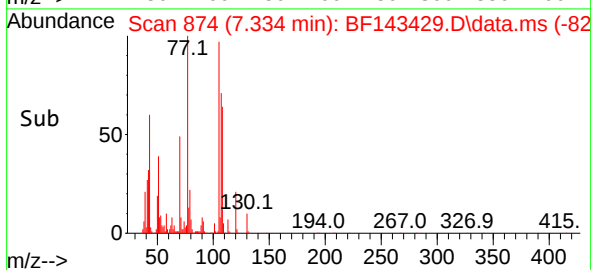
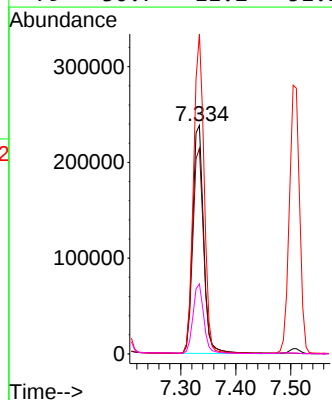
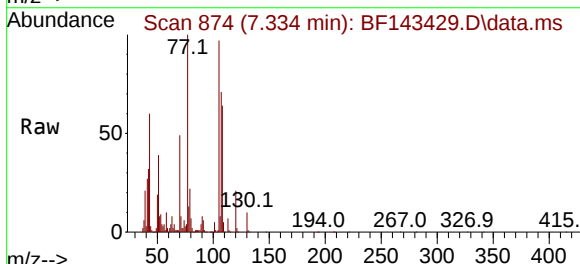
Ion	Ratio	Lower	Upper
70	100		
42	63.4	52.5	78.7
101	9.6	7.9	11.9
130	20.5	16.0	24.0

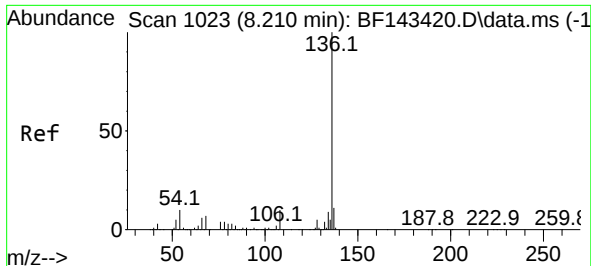


#20
3+4-Methylphenols
Concen: 40.587 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 107 Resp: 331003

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.8	110.8
77	140.0	119.1	159.1
79	30.7	11.2	51.2

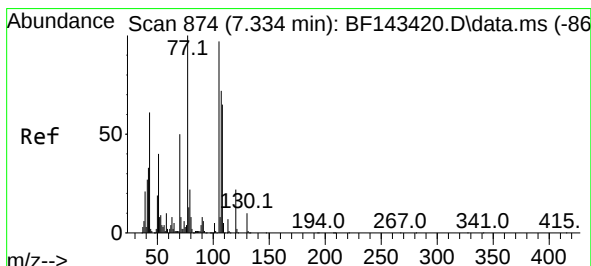
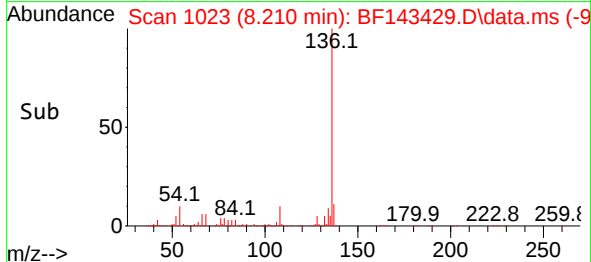
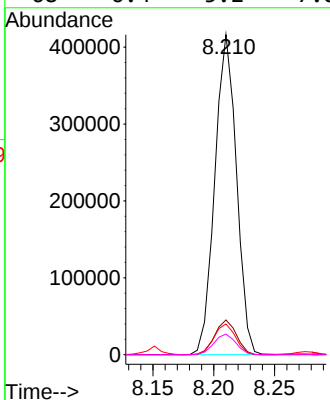
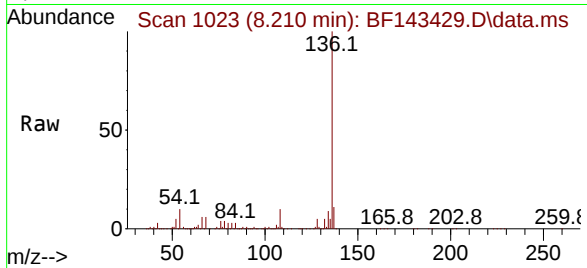




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

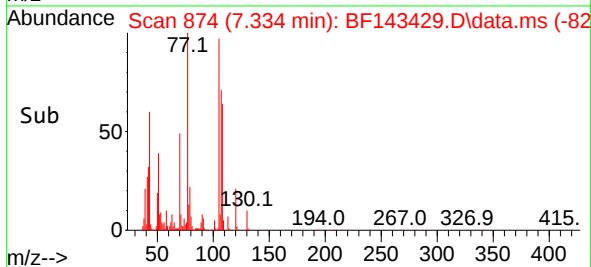
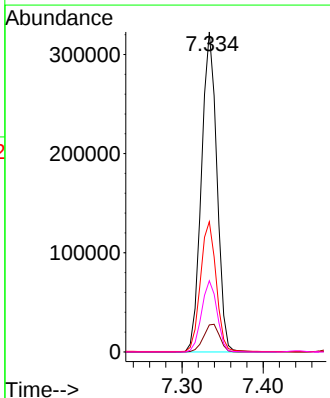
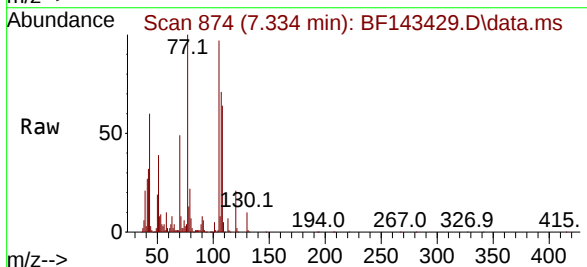
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

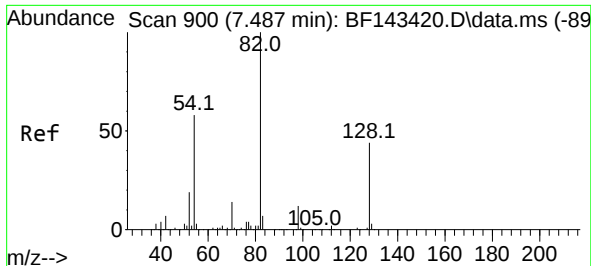
Tgt Ion:	136	Resp:	514889
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.6	7.8	11.8
68	6.4	5.2	7.8



#22
Acetophenone
Concen: 38.491 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:	105	Resp:	426111
Ion Ratio	Lower	Upper	
105	100		
71	8.4	7.0	10.4
51	40.7	32.7	49.1
120	22.2	17.8	26.8





#23

Nitrobenzene-d5

Concen: 78.742 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

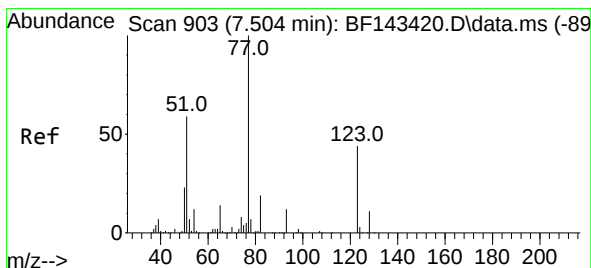
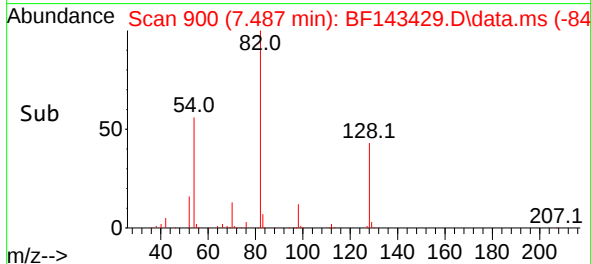
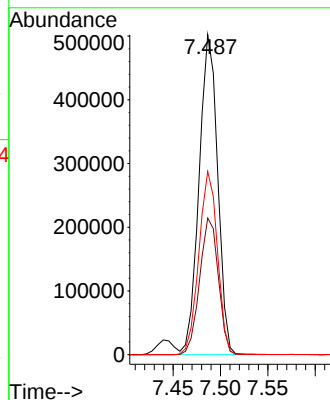
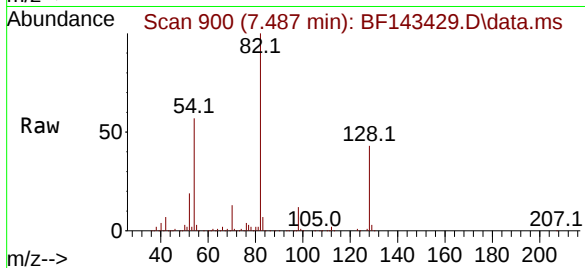
Tgt Ion: 82 Resp: 683252

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

54 57.2 46.0 69.0



#24

Nitrobenzene

Concen: 39.898 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

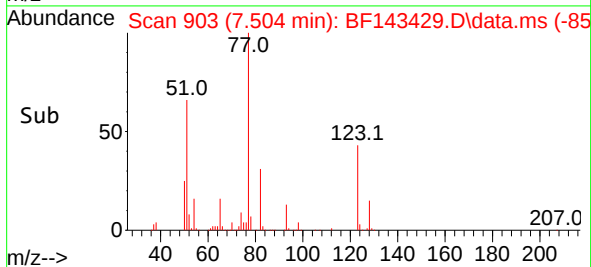
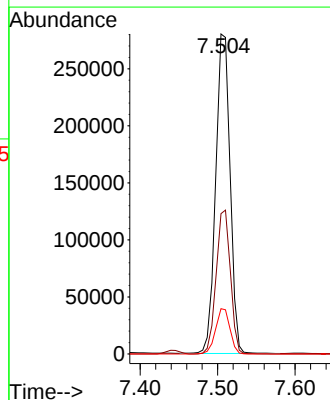
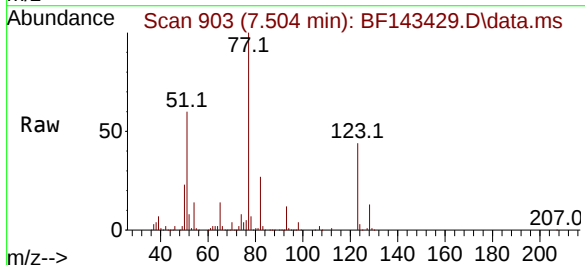
Tgt Ion: 77 Resp: 361829

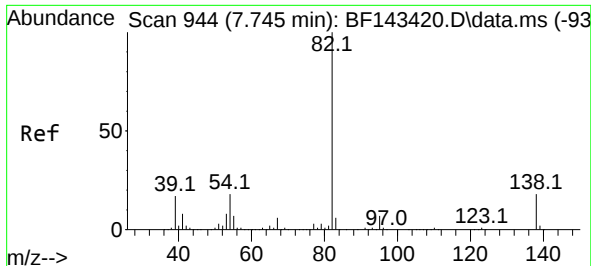
Ion Ratio Lower Upper

77 100

123 43.9 35.4 53.0

65 14.1 11.2 16.8

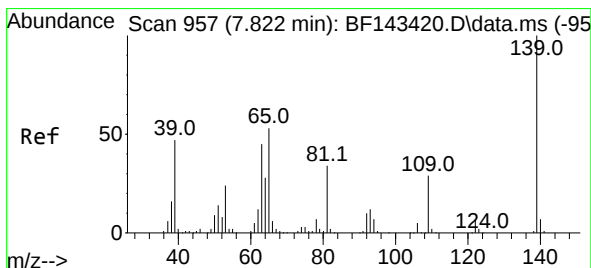
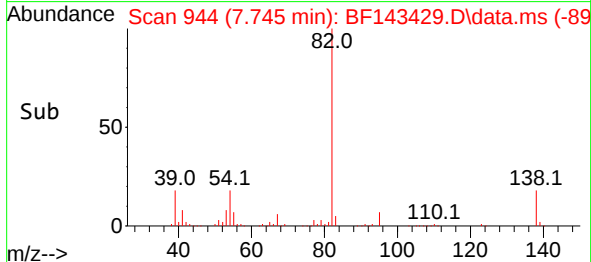
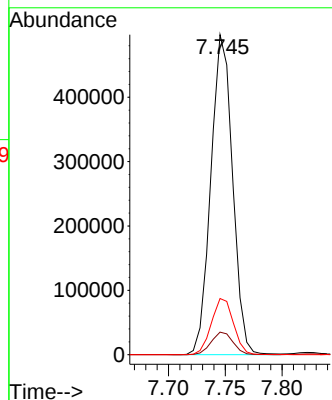
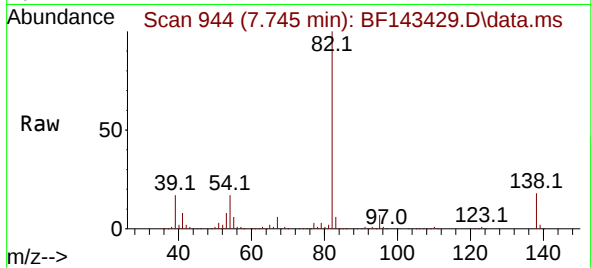




#25
Isophorone
Concen: 39.881 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

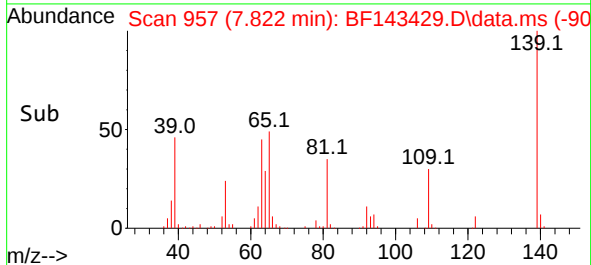
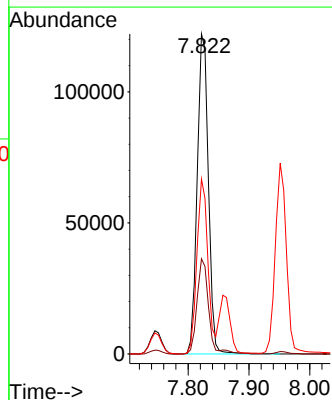
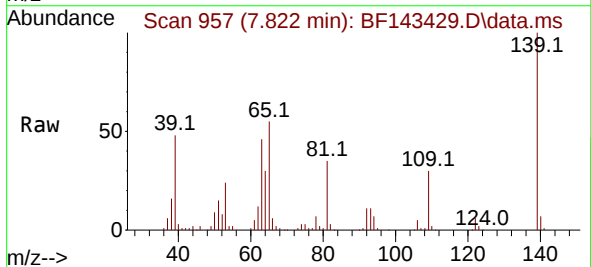
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

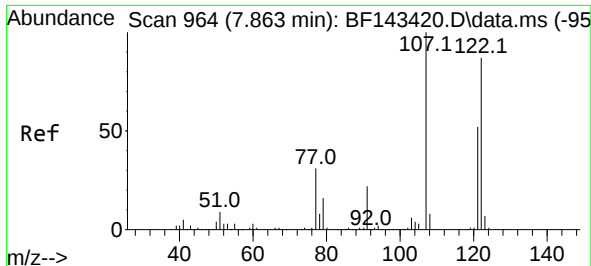
Tgt Ion: 82 Resp: 662307
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.6 14.3 21.5



#26
2-Nitrophenol
Concen: 37.029 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:139 Resp: 155677
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.4
65 54.7 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 38.859 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

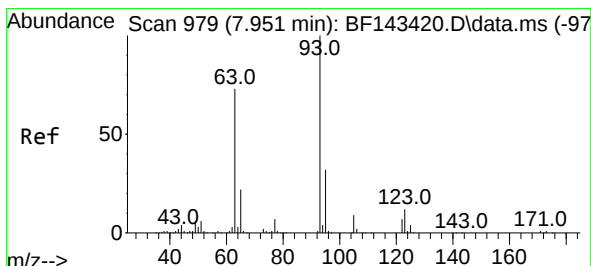
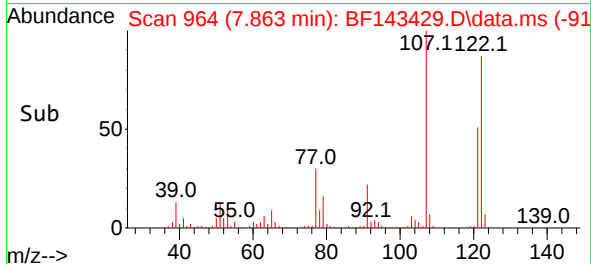
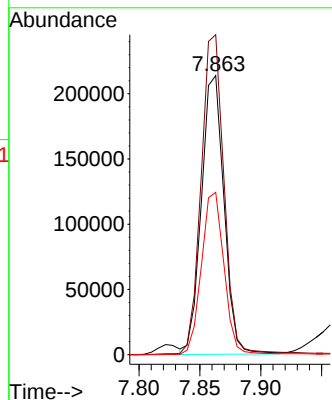
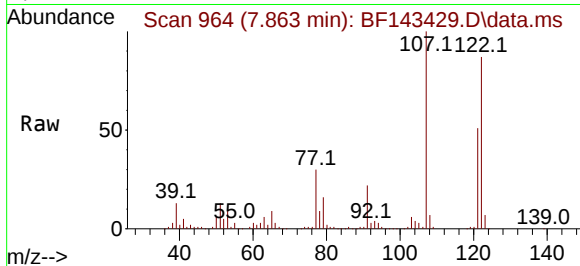
Tgt Ion:122 Resp: 276223

Ion Ratio Lower Upper

122 100

107 114.7 90.4 135.6

121 58.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.401 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

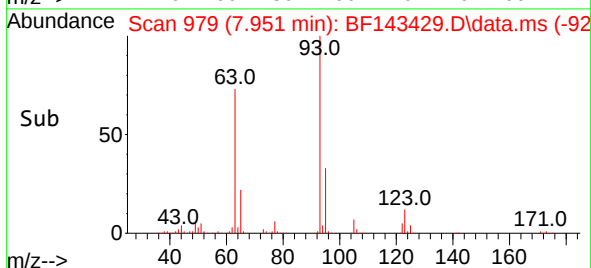
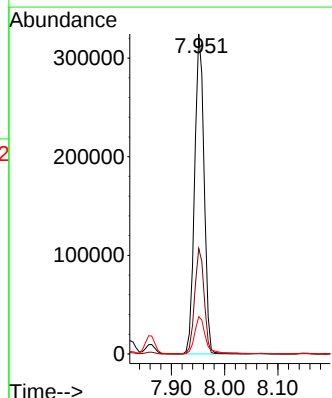
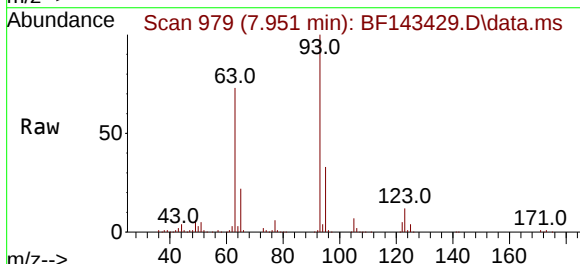
Tgt Ion: 93 Resp: 402194

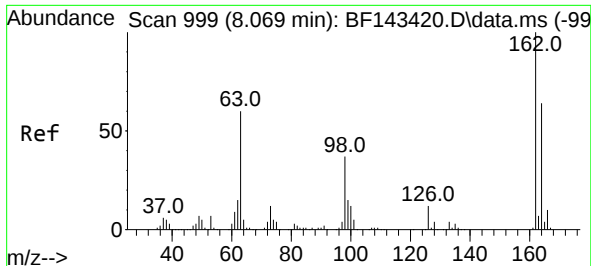
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.183 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143429.D

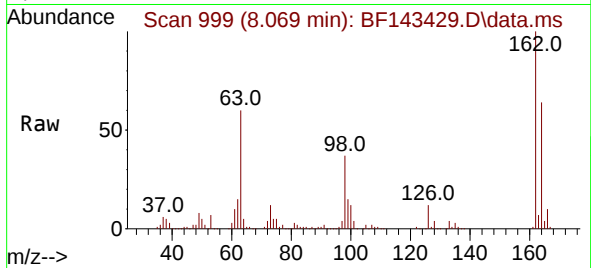
Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



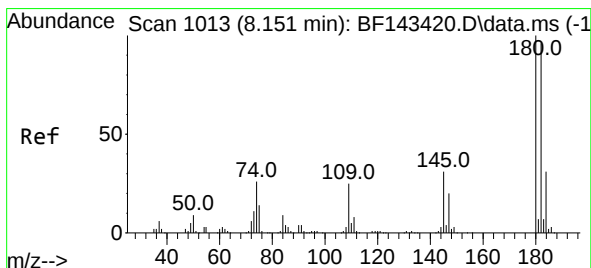
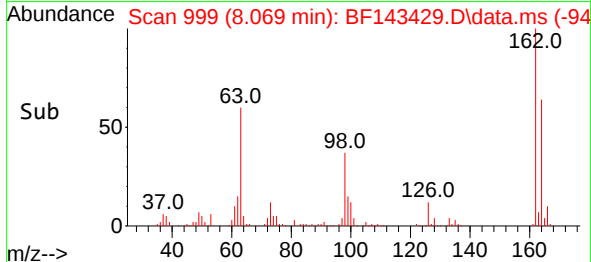
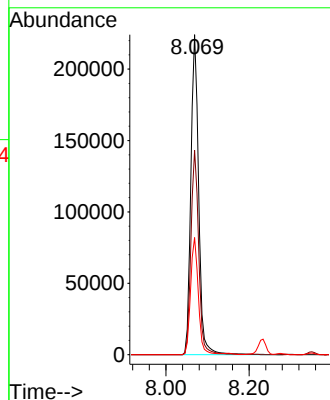
Tgt Ion:162 Resp: 291170

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 36.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.312 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

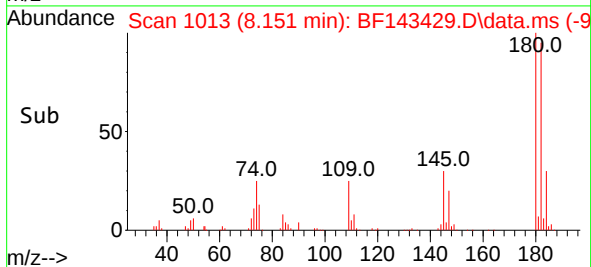
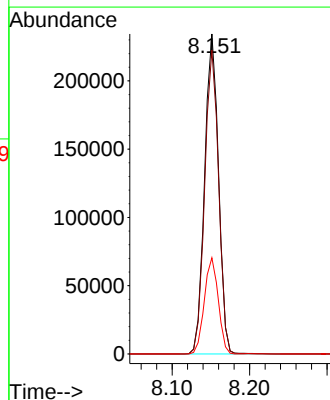
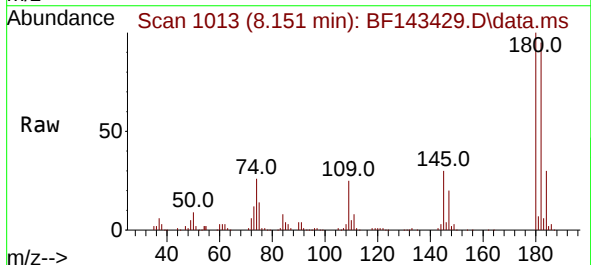
Tgt Ion:180 Resp: 291877

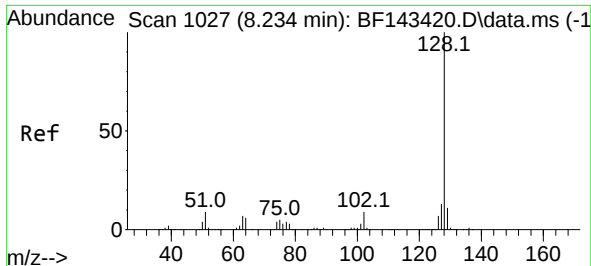
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 30.1 24.5 36.7

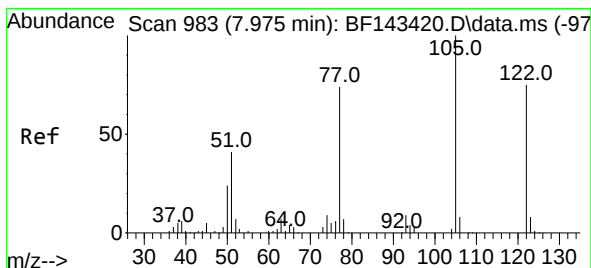
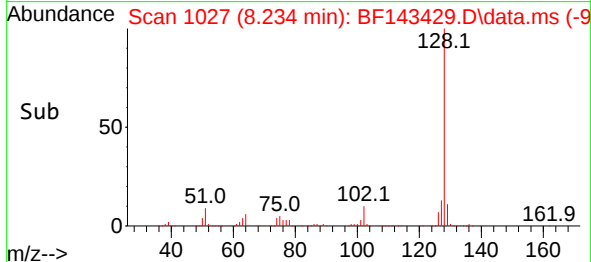
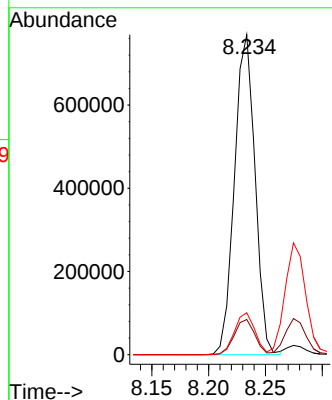
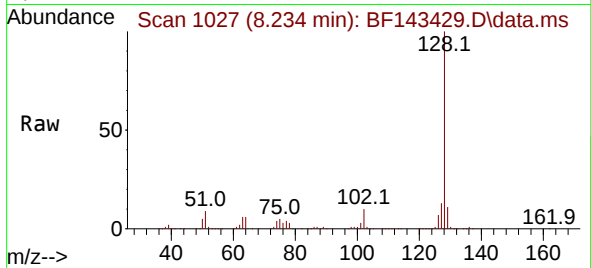




#31
Naphthalene
Concen: 39.484 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

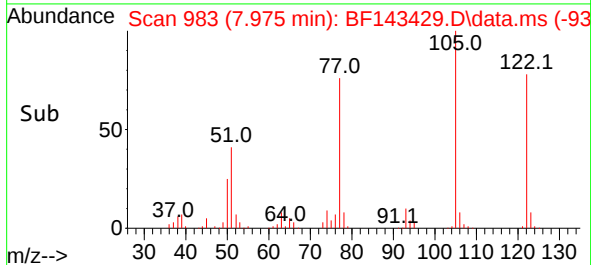
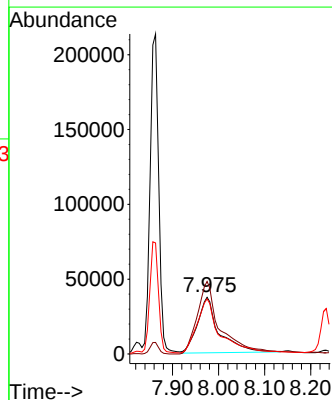
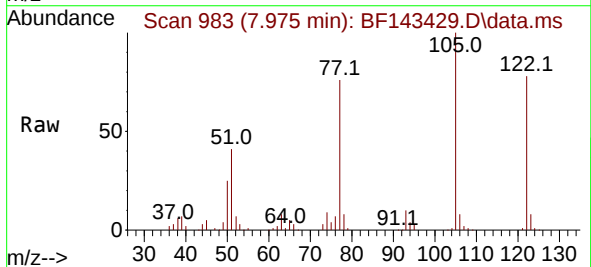
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

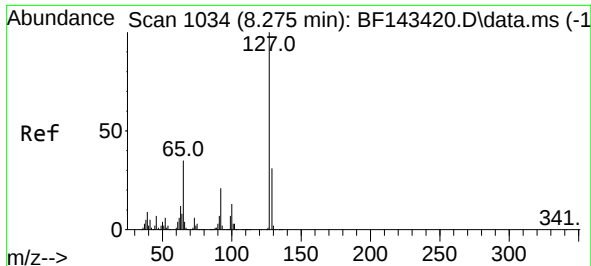
Tgt Ion:128 Resp: 965167
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 32.963 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:122 Resp: 121859
Ion Ratio Lower Upper
122 100
105 127.8 108.4 148.4
77 97.2 75.9 115.9

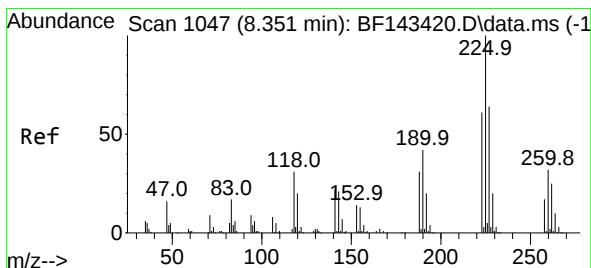
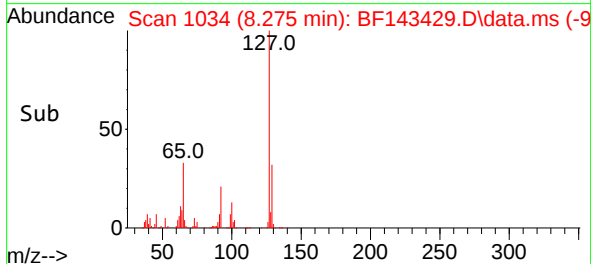
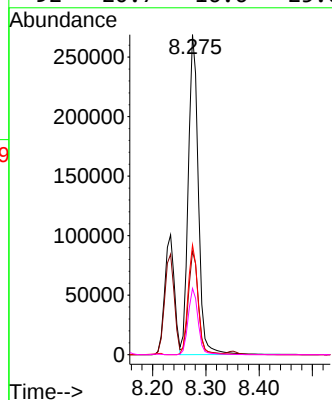
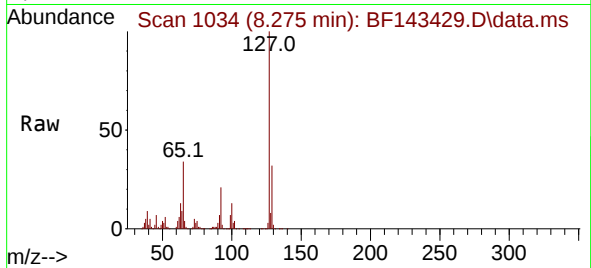




#33
4-Chloroaniline
Concen: 39.758 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

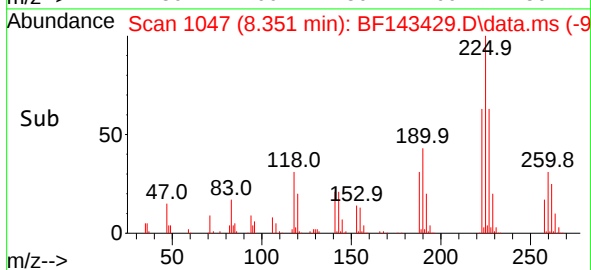
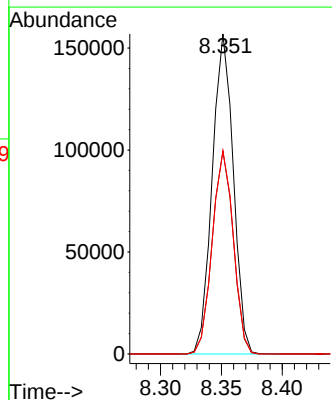
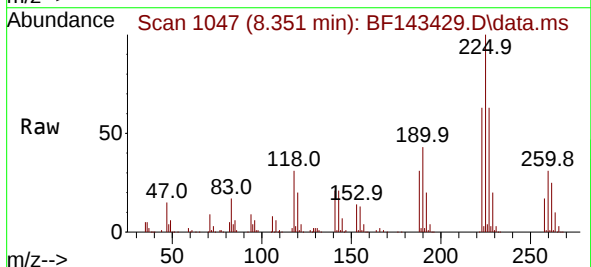
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

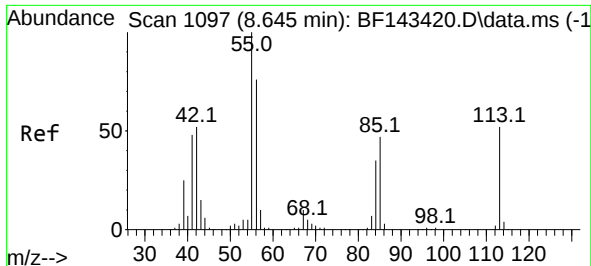
Tgt	Ion:127	Resp:	350803
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	34.3	27.2	40.8
92	20.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.883 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:225	Resp: 188826		
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.0	73.6
227	63.5	51.1	76.7

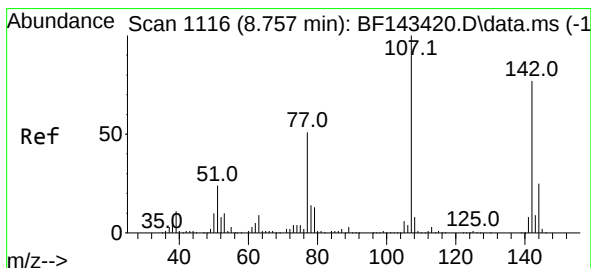
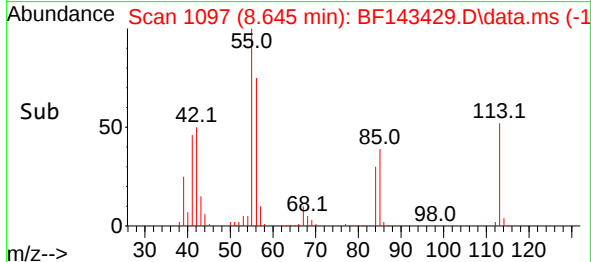
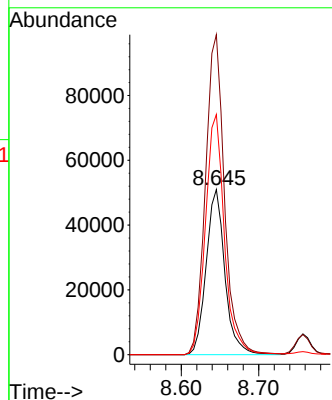
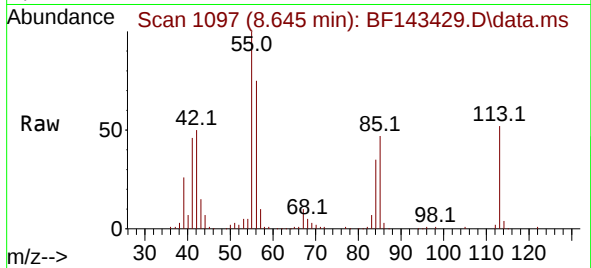




#35
 Caprolactam
 Concen: 41.013 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

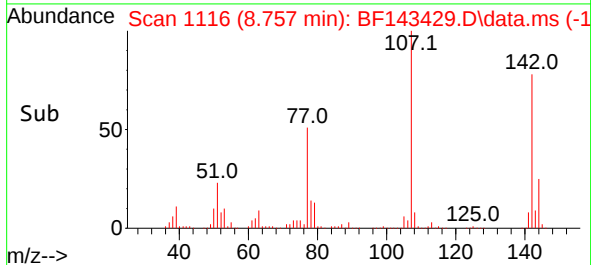
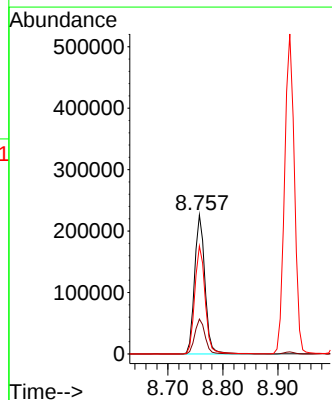
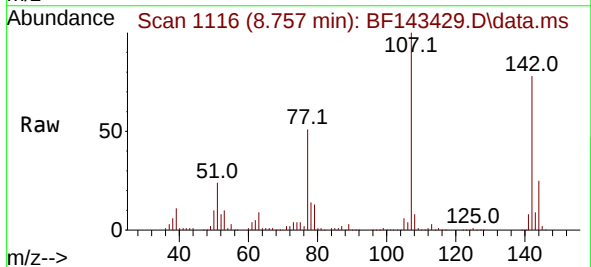
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

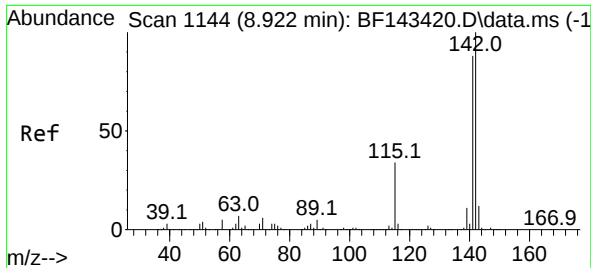
Tgt Ion:113 Resp: 85562
 Ion Ratio Lower Upper
 113 100
 55 193.8 174.7 214.7
 56 145.5 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.801 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

Tgt Ion:107 Resp: 297024
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 77.7 62.0 93.0

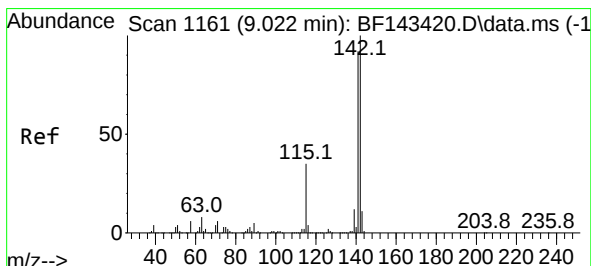
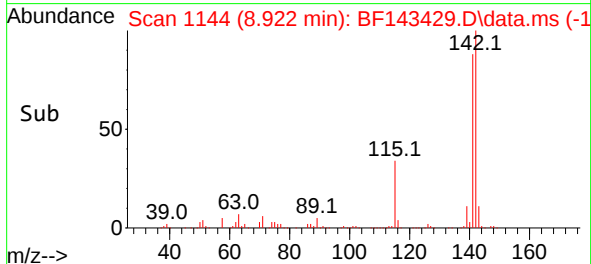
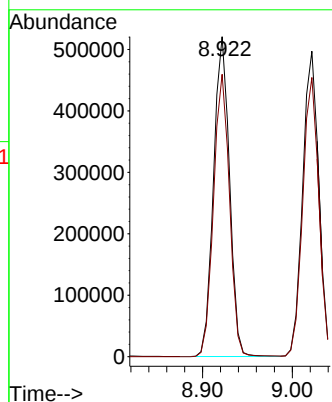
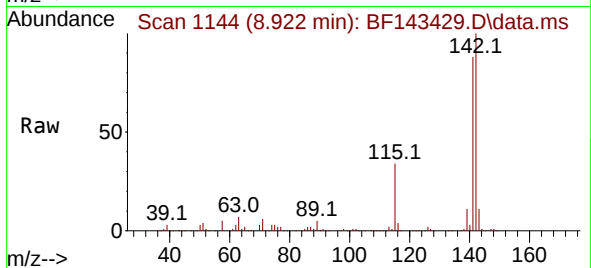




#37
2-Methylnaphthalene
Concen: 39.050 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

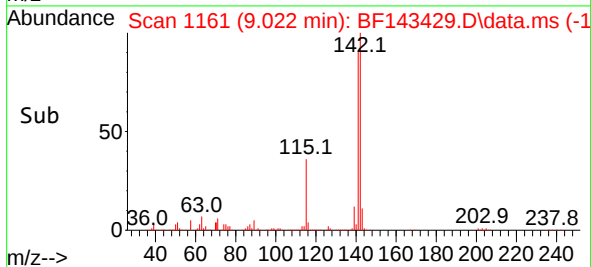
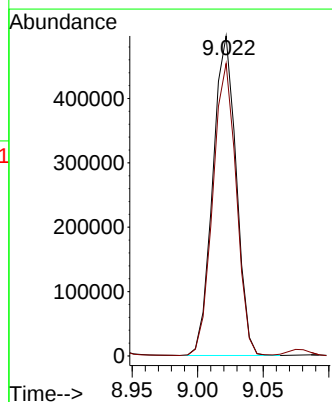
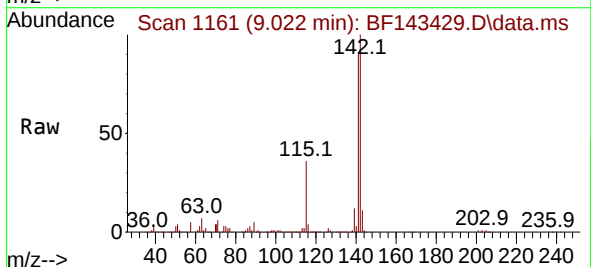
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

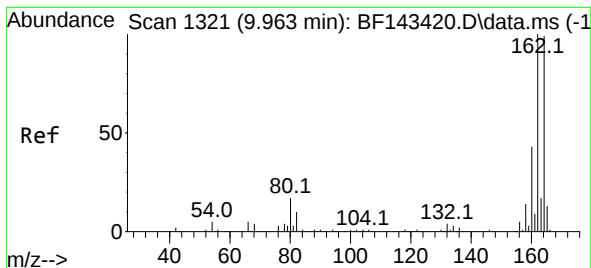
Tgt Ion:142 Resp: 643429
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#38
1-Methylnaphthalene
Concen: 39.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:142 Resp: 615790
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

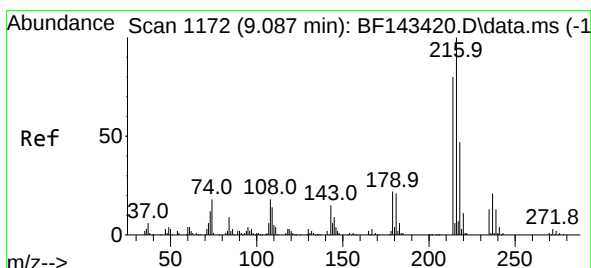
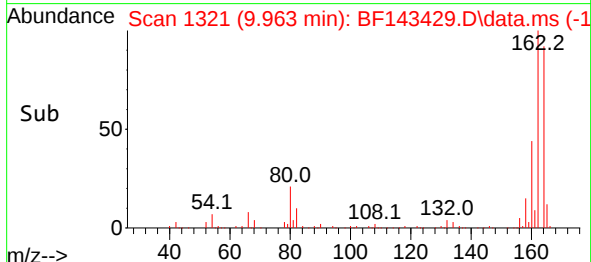
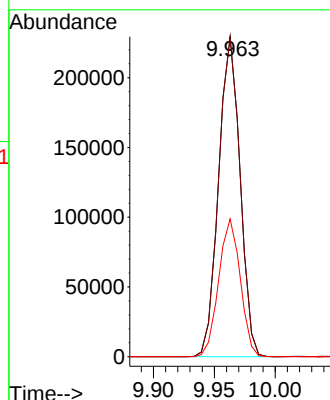
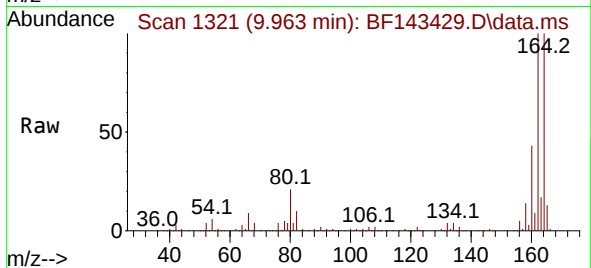
Tgt Ion:164 Resp: 280712

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 43.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.273 ng

RT: 9.086 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Tgt Ion:216 Resp: 307452

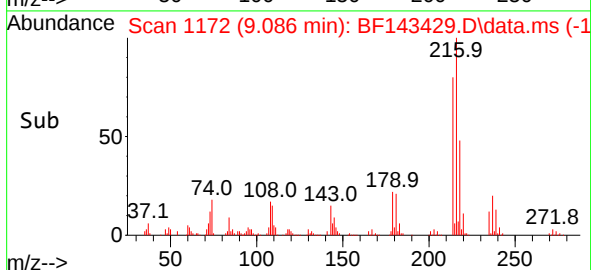
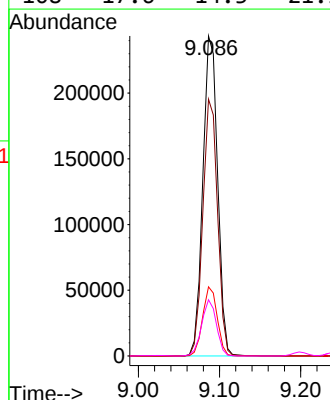
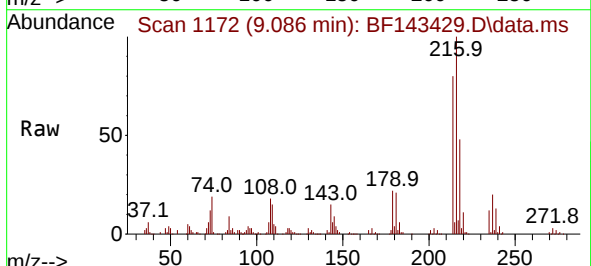
Ion Ratio Lower Upper

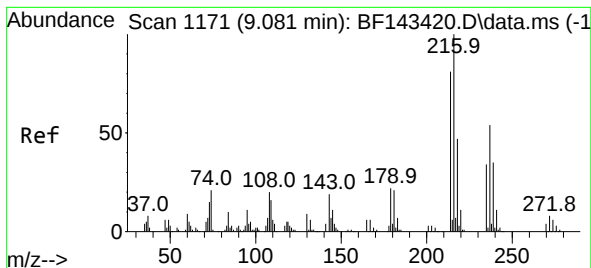
216 100

214 80.0 63.7 95.5

179 21.3 17.0 25.4

108 17.6 14.3 21.5

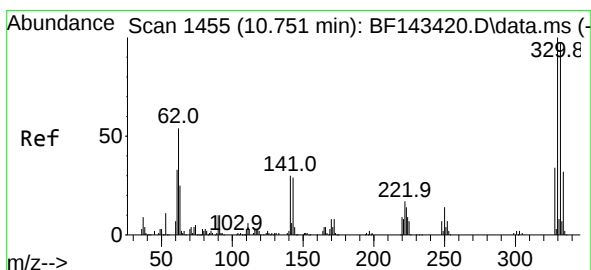
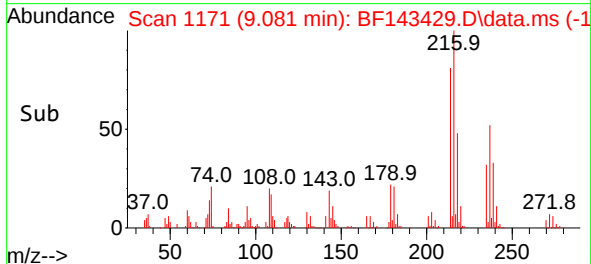
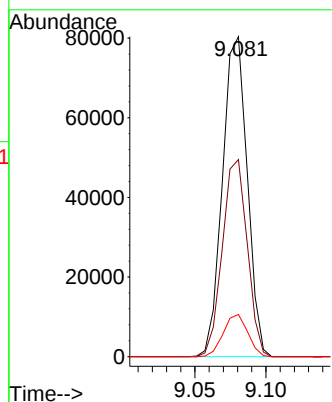
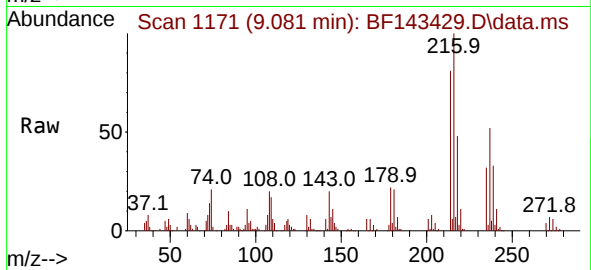




#41
Hexachlorocyclopentadiene
Concen: 37.941 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

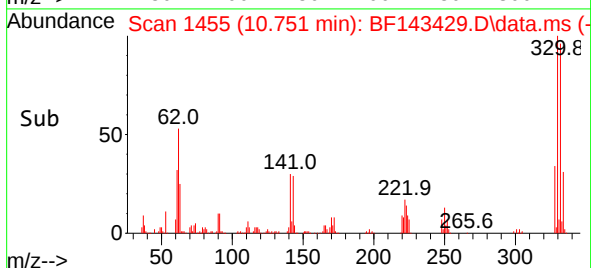
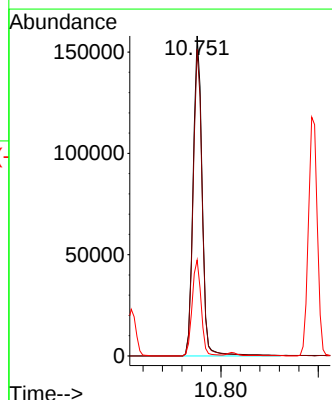
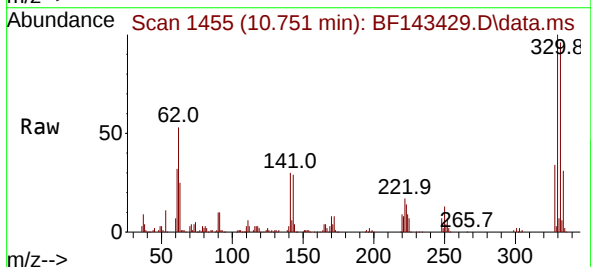
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

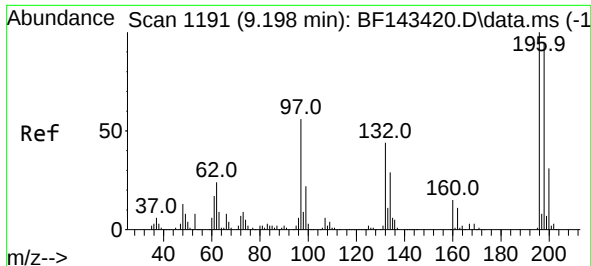
Tgt Ion:237	Resp:	97535
Ion Ratio	Lower	Upper
237	100	
235	61.6	41.6 81.6
272	13.2	0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 81.149 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:330	Resp:	202755
Ion Ratio	Lower	Upper
330	100	
332	95.7	77.4 116.2
141	29.8	24.1 36.1

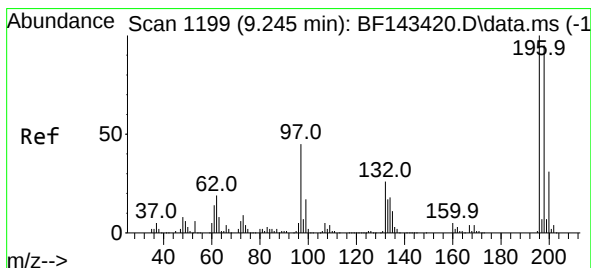
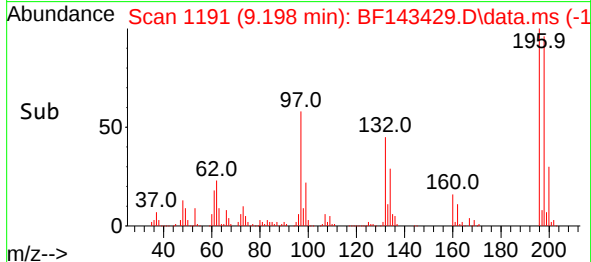
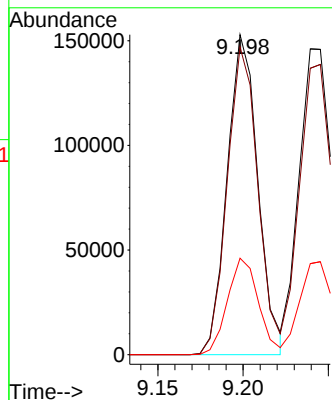
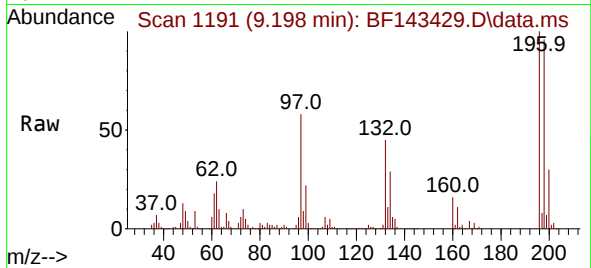




#43
2,4,6-Trichlorophenol
Concen: 39.295 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

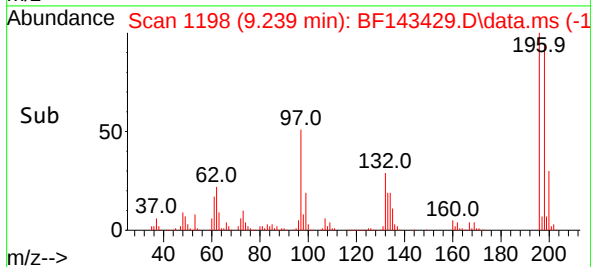
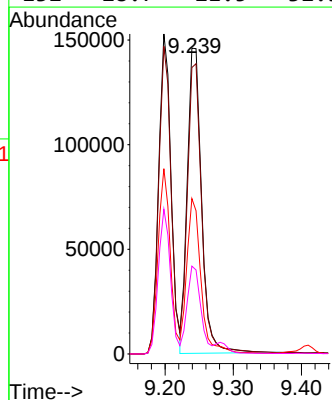
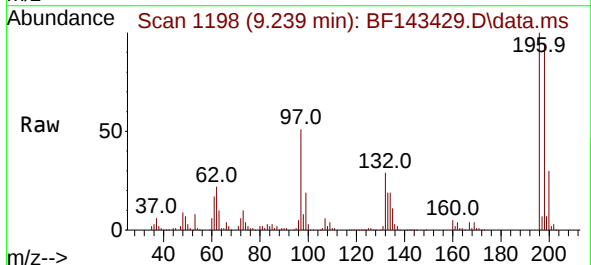
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

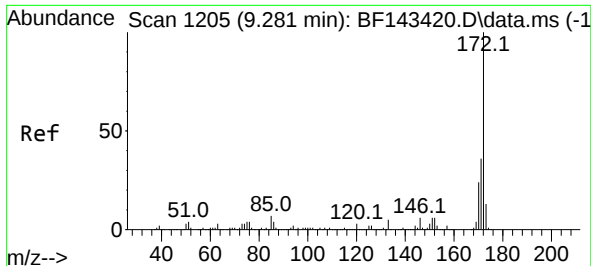
Tgt Ion:196 Resp: 191901
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.2
200 30.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 40.430 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:196 Resp: 211642
Ion Ratio Lower Upper
196 100
198 93.6 76.2 114.4
97 50.8 36.6 55.0
132 28.7 21.5 32.3

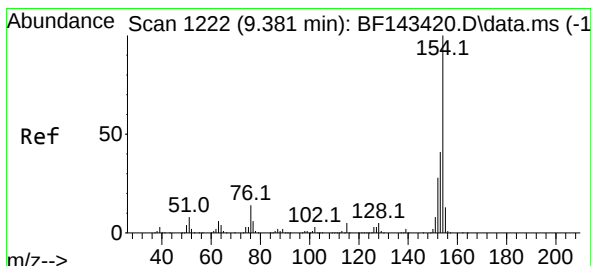
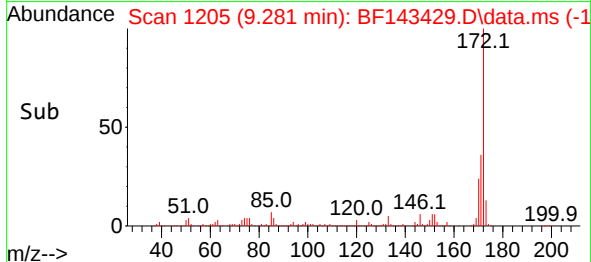
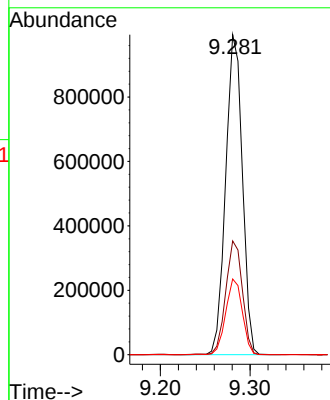
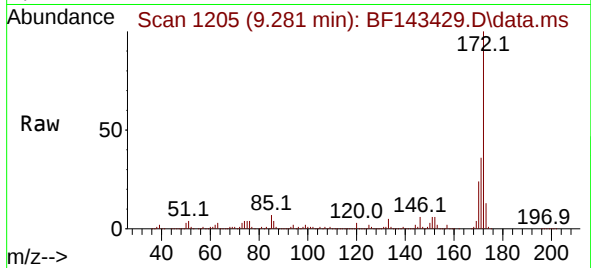




#45
2-Fluorobiphenyl
Concen: 76.776 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

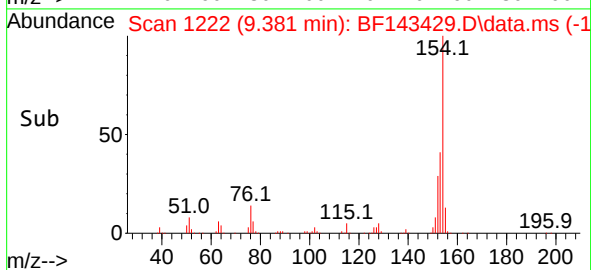
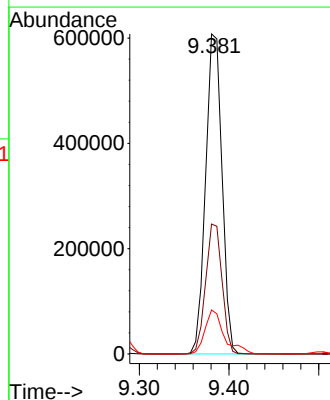
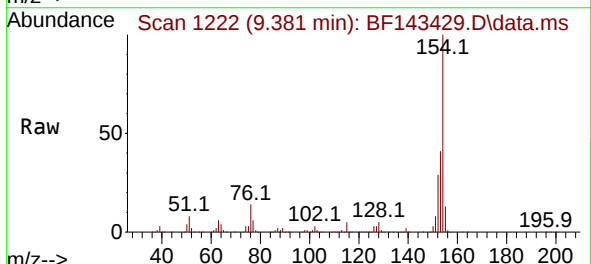
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

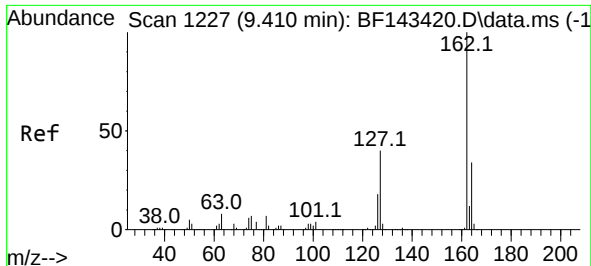
Tgt Ion:172 Resp: 1281342
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 39.170 ng
RT: 9.381 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:154 Resp: 772560
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.7 0.0 33.8

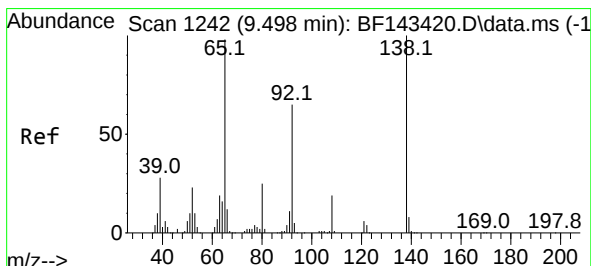
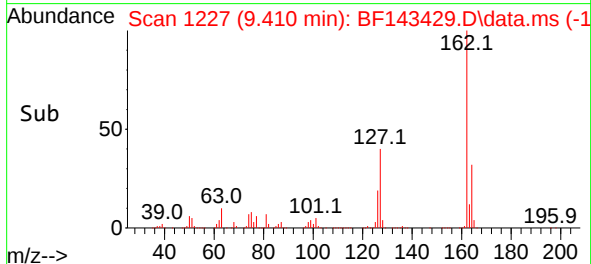
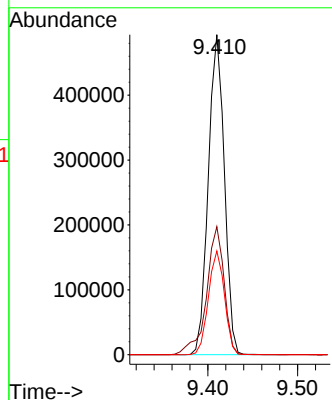
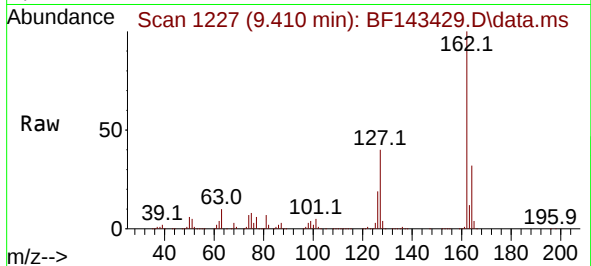




#47
2-Chloronaphthalene
Concen: 39.356 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

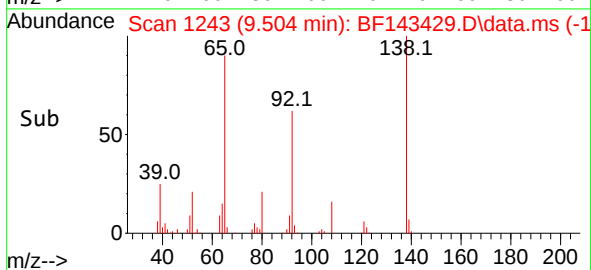
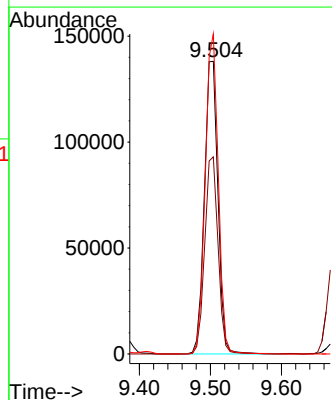
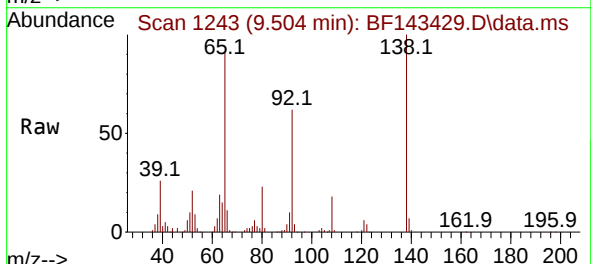
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

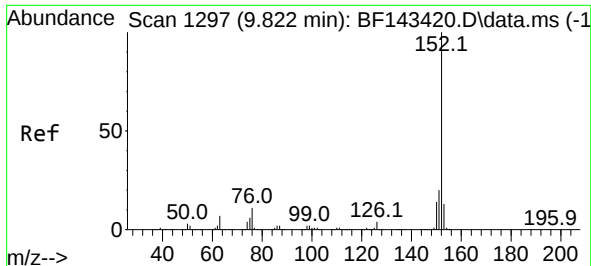
Tgt Ion:162 Resp: 612724
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.4 26.9 40.3



#48
2-Nitroaniline
Concen: 39.687 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion: 65 Resp: 183872
Ion Ratio Lower Upper
65 100
92 67.4 52.9 79.3
138 109.4 81.3 121.9

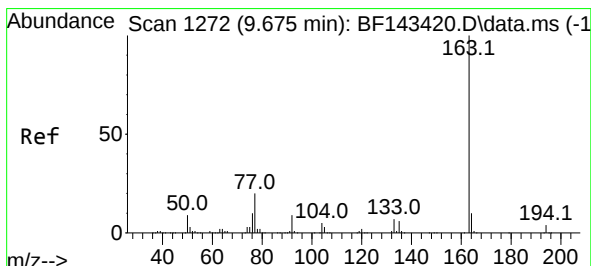
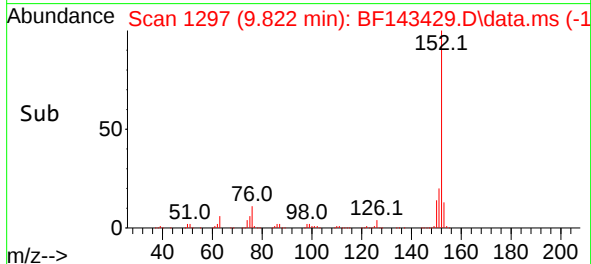
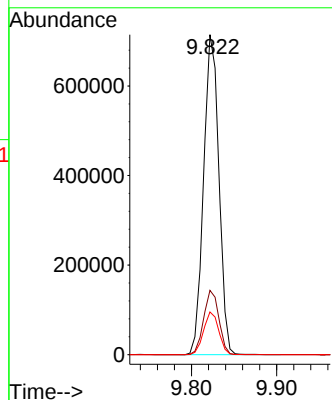
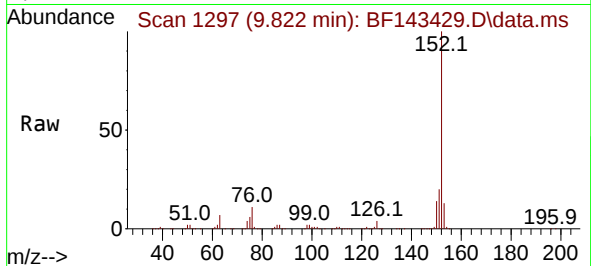




#49
Acenaphthylene
Concen: 39.654 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

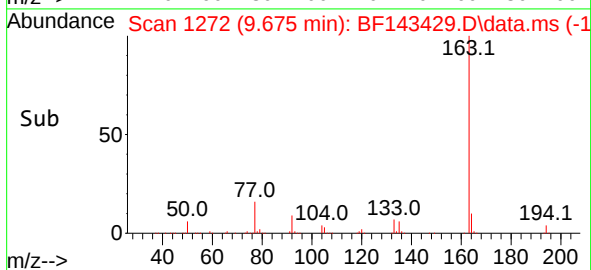
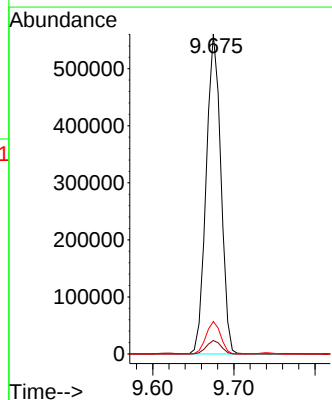
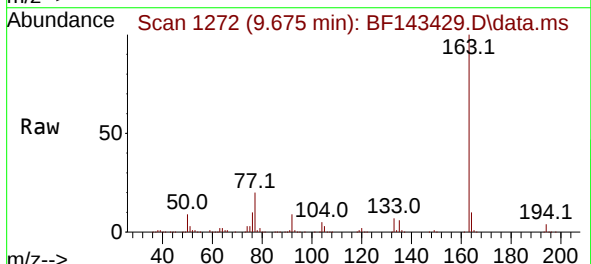
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

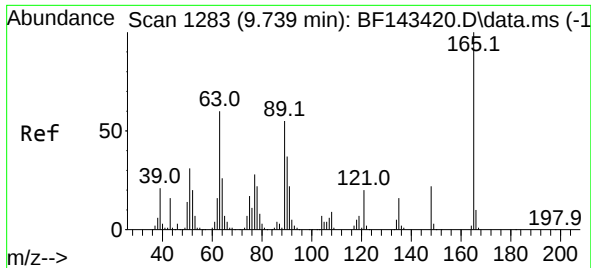
Tgt Ion:152 Resp: 891356
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 40.165 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:163 Resp: 702928
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.2 12.4

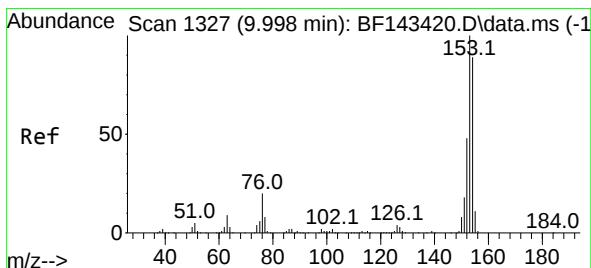
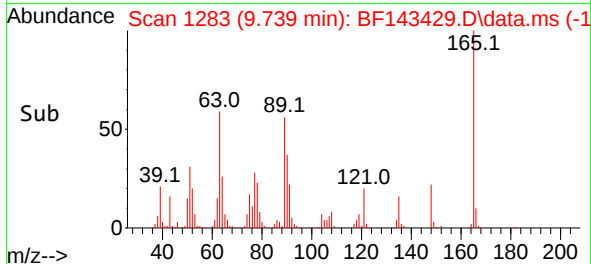
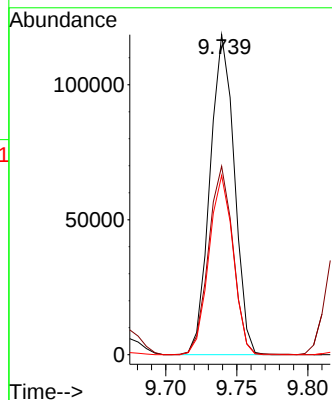
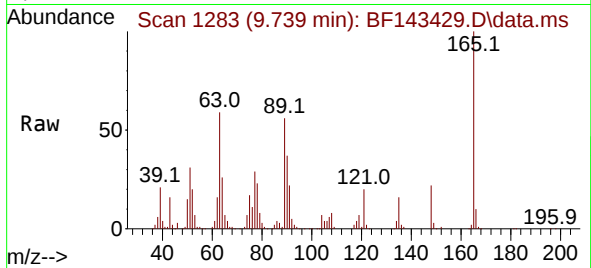




#51
2,6-Dinitrotoluene
Concen: 40.951 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

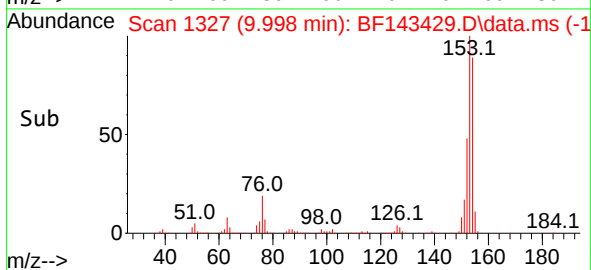
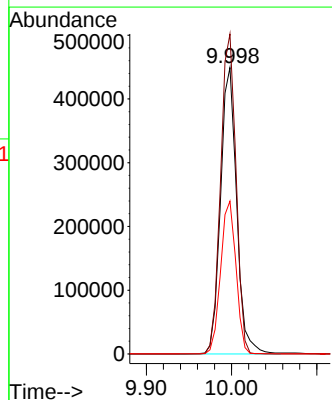
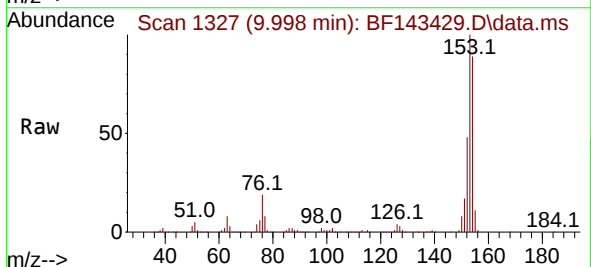
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

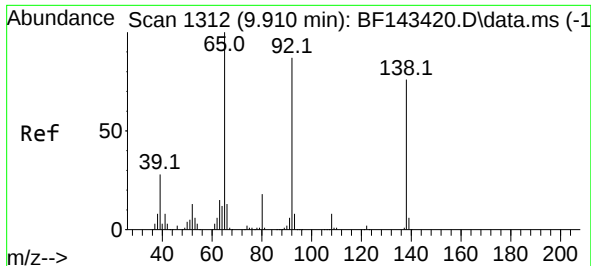
Tgt Ion:165 Resp: 141282
Ion Ratio Lower Upper
165 100
63 58.9 48.2 72.2
89 56.0 44.2 66.2



#52
Acenaphthene
Concen: 39.115 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:154 Resp: 591370
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 53.4 42.6 64.0

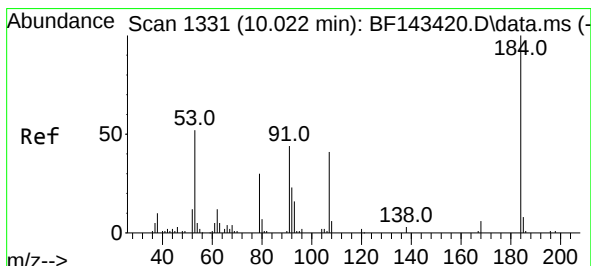
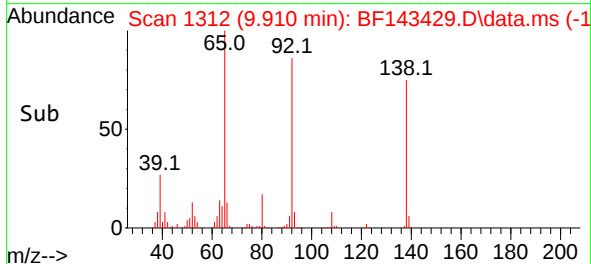
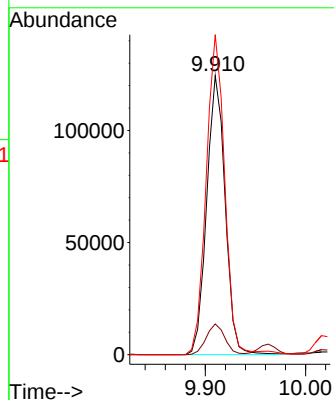
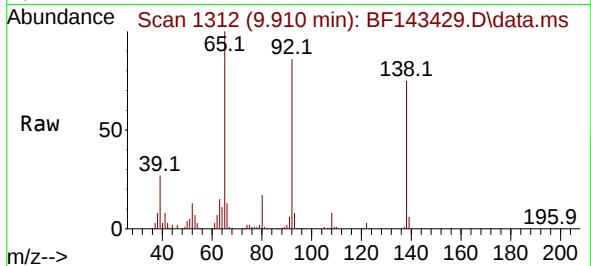




#53
3-Nitroaniline
Concen: 41.565 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

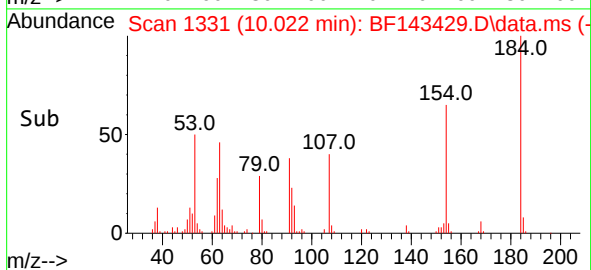
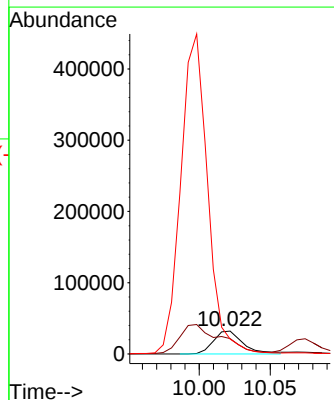
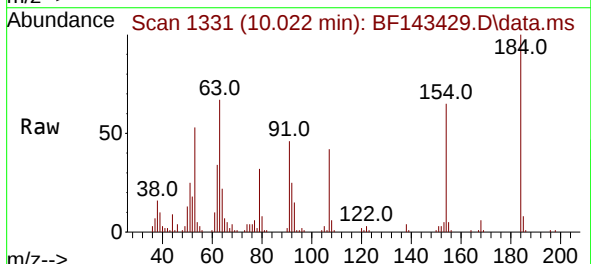
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

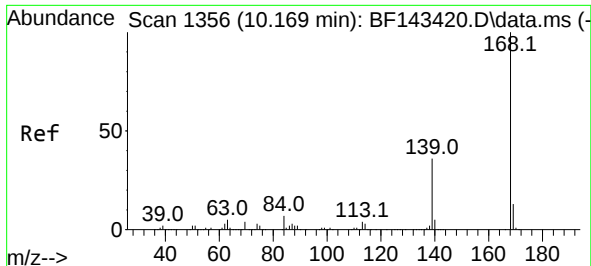
Tgt Ion:138 Resp: 159737
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 114.7 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 32.877 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:184 Resp: 46856
Ion Ratio Lower Upper
184 100
63 67.2 53.2 79.8
154 65.1 51.3 76.9

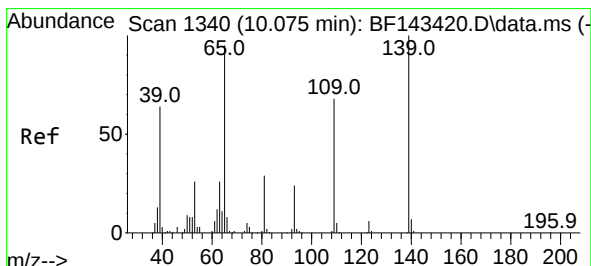
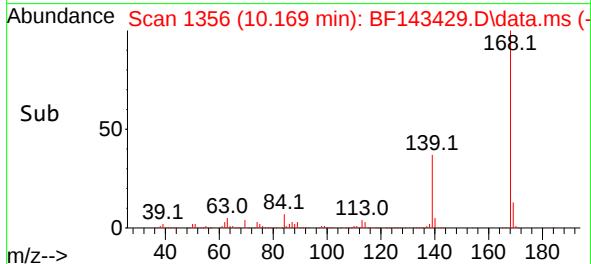
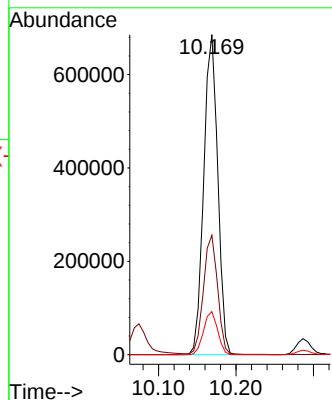
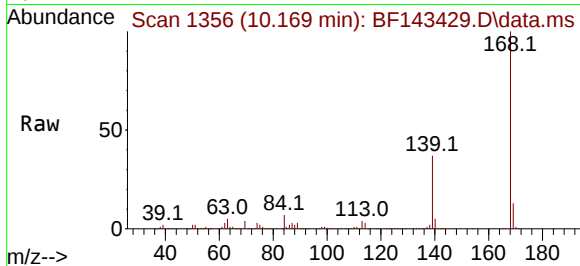




#55
Dibenzenofuran
Concen: 39.442 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

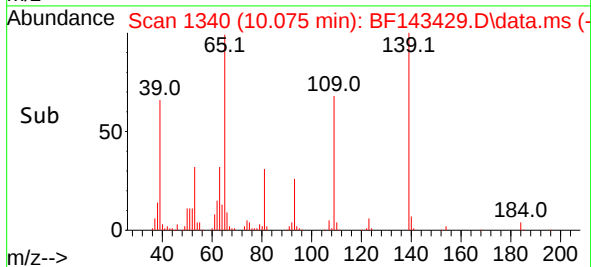
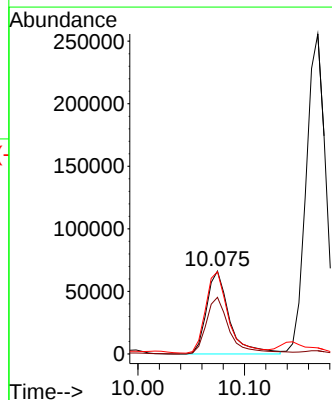
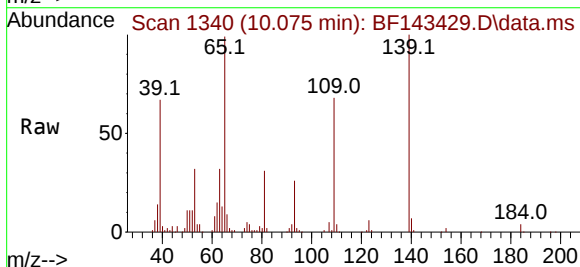
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

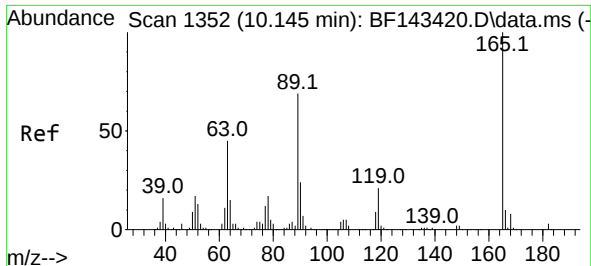
Tgt Ion:168 Resp: 860223
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 40.781 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:139 Resp: 98531
Ion Ratio Lower Upper
139 100
109 68.3 47.7 87.7
65 99.3 76.4 116.4

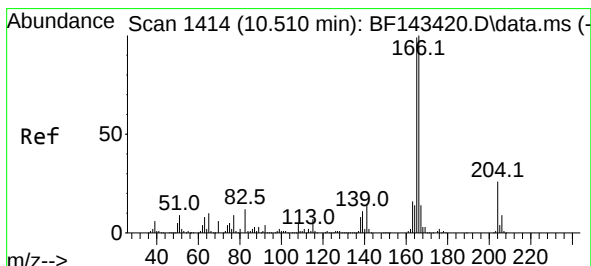
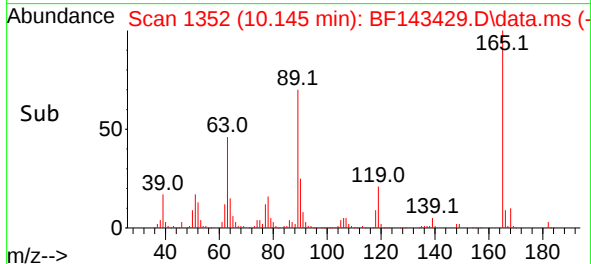
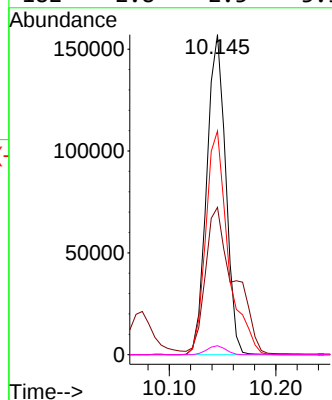
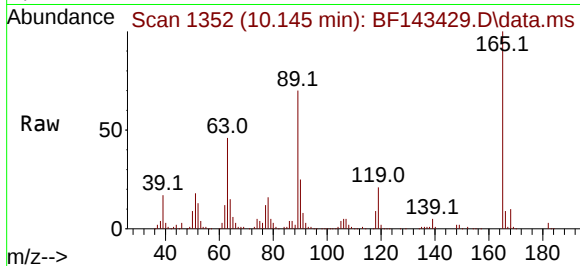




#57
2,4-Dinitrotoluene
Concen: 42.149 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

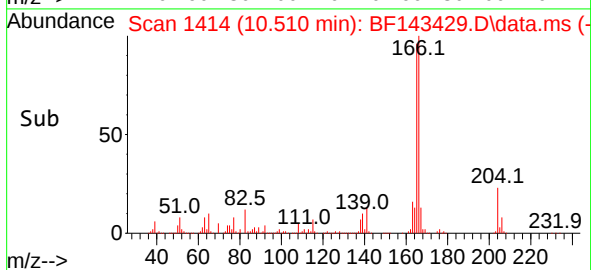
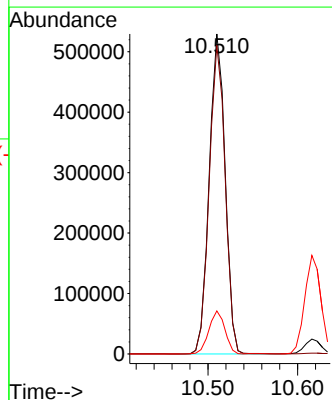
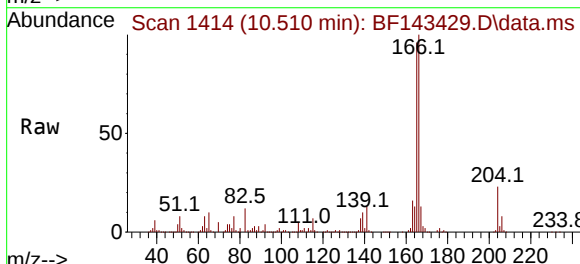
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

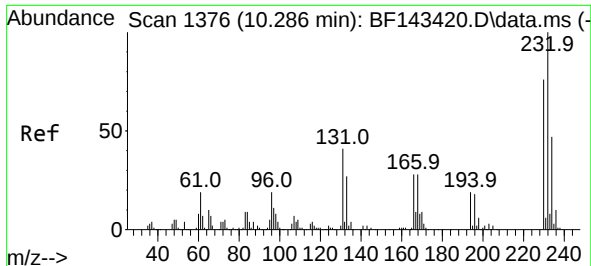
Tgt Ion:	165	Resp:	193875
Ion	Ratio	Lower	Upper
165	100		
63	46.1	37.0	55.6
89	69.9	55.4	83.0
182	2.8	2.3	3.5



#58
Fluorene
Concen: 39.029 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:	166	Resp:	653929
Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.0	118.6
167	13.4	10.9	16.3

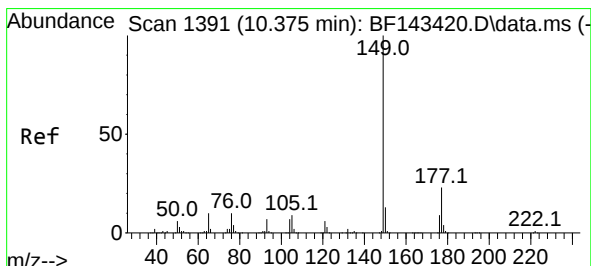
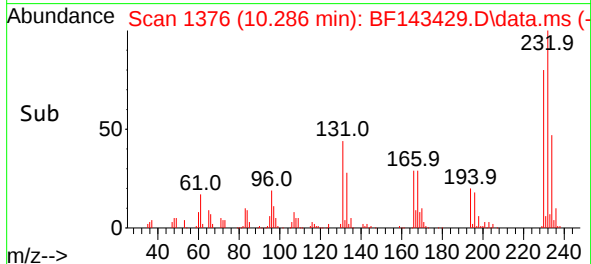
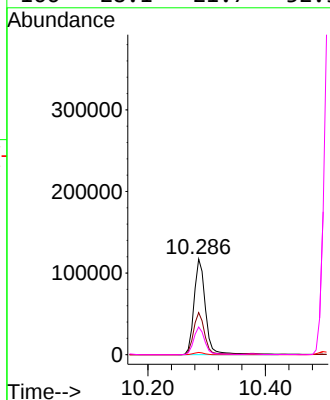
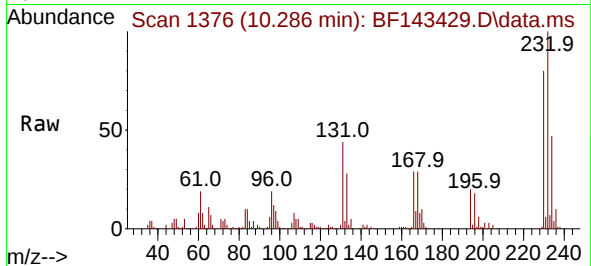




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.256 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

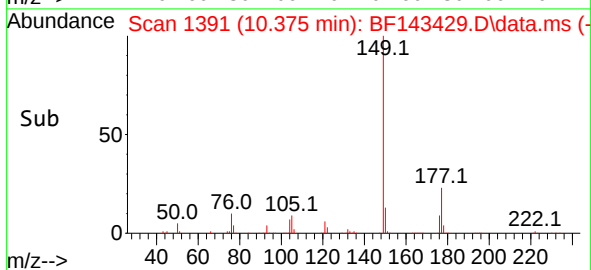
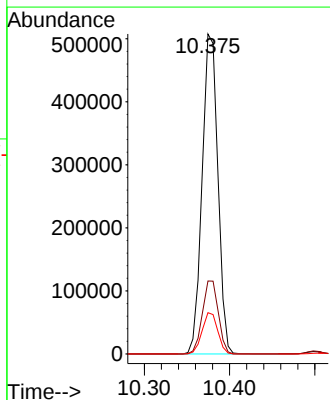
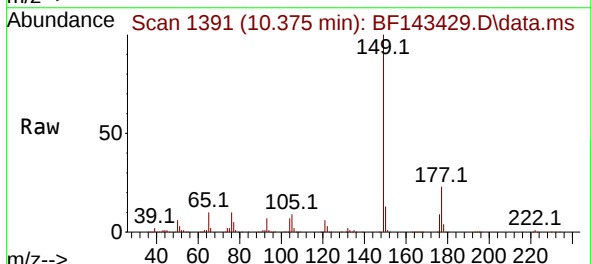
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

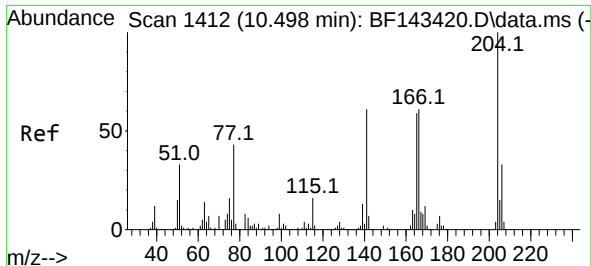
Tgt Ion:232 Resp: 159517
Ion Ratio Lower Upper
232 100
131 42.8 32.0 48.0
130 2.1 1.7 2.5
166 28.1 21.7 32.5



#60
Diethylphthalate
Concen: 40.299 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:149 Resp: 651738
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.9 10.1 15.1

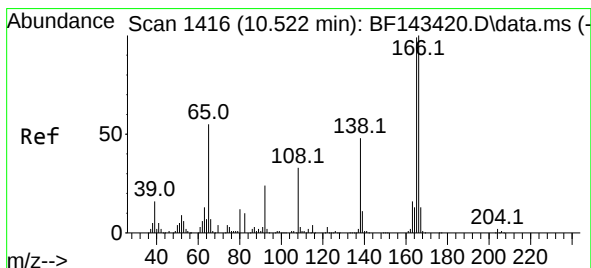
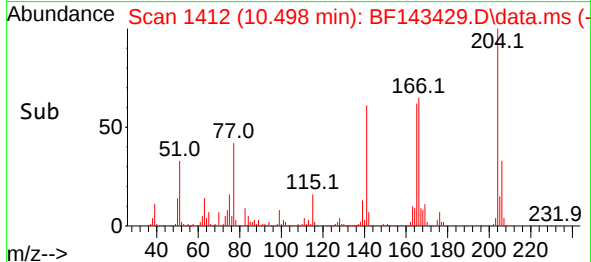
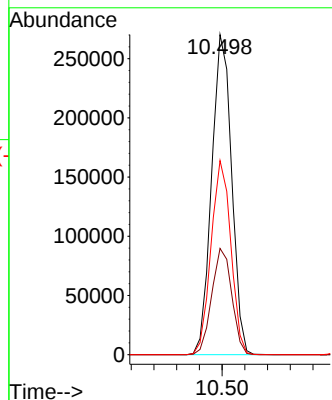
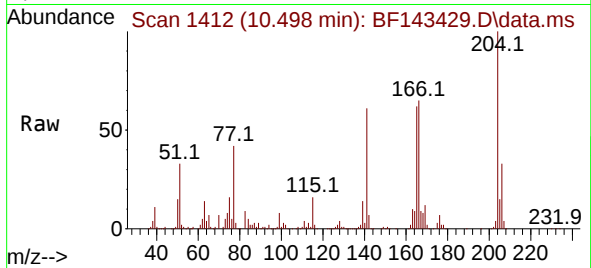




#61
4-Chlorophenyl-phenylether
Concen: 39.864 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

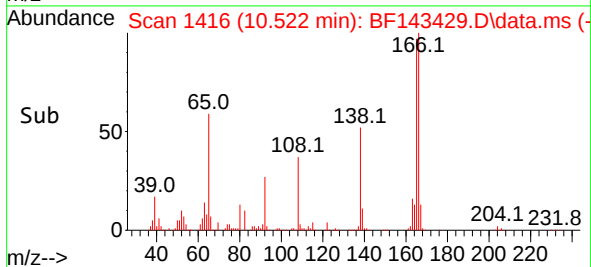
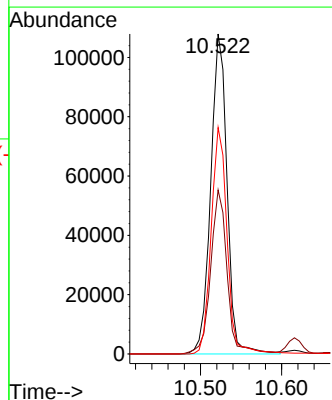
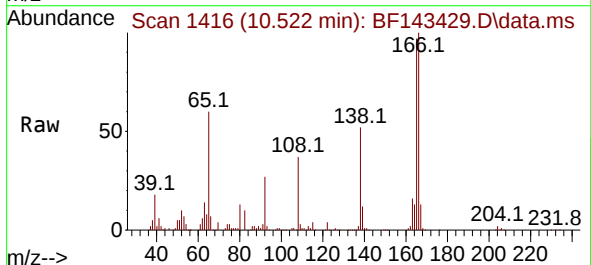
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

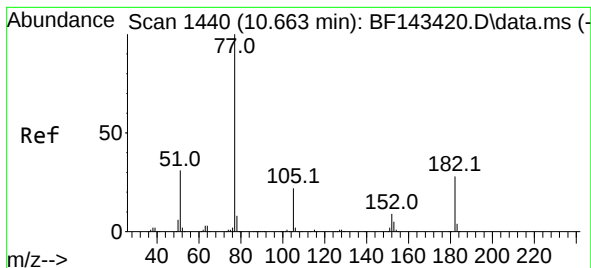
Tgt Ion:204 Resp: 330221
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 60.7 49.0 73.4



#62
4-Nitroaniline
Concen: 41.970 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:138 Resp: 150843
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 70.8 48.6 88.6





#63

Azobenzene

Concen: 40.549 ng

RT: 10.657 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 662810

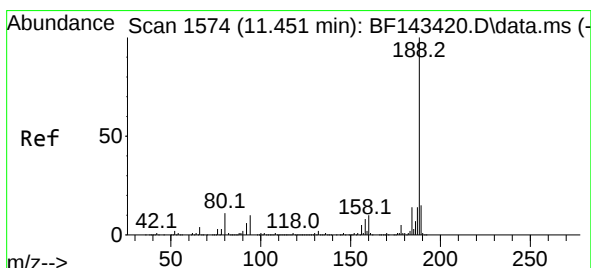
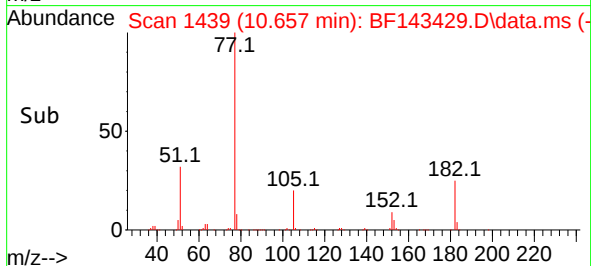
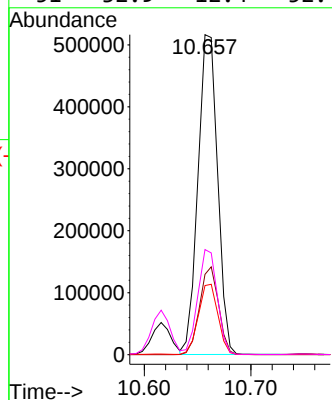
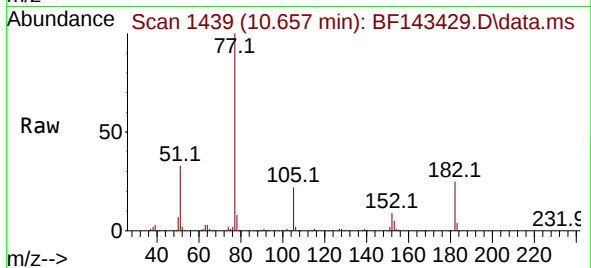
Ion Ratio Lower Upper

77 100

182 25.1 7.4 47.4

105 21.6 1.7 41.7

51 32.9 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

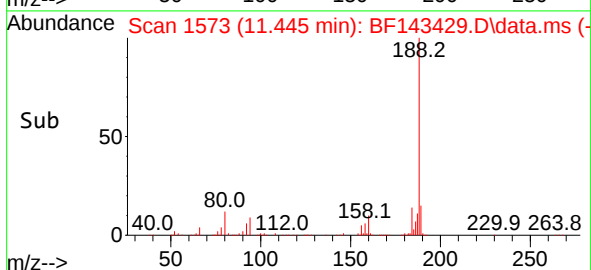
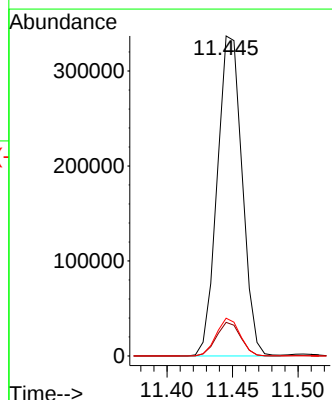
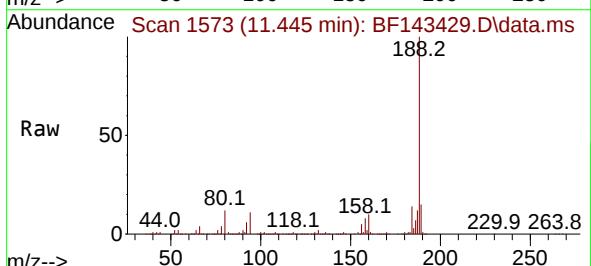
Tgt Ion: 188 Resp: 444924

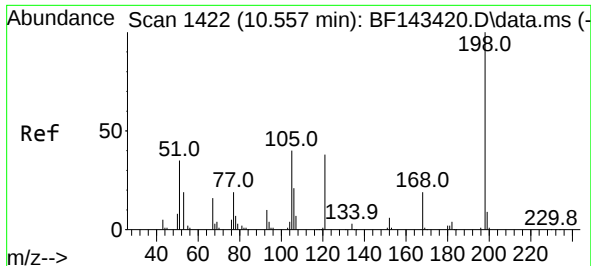
Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

80 11.8 8.6 12.8

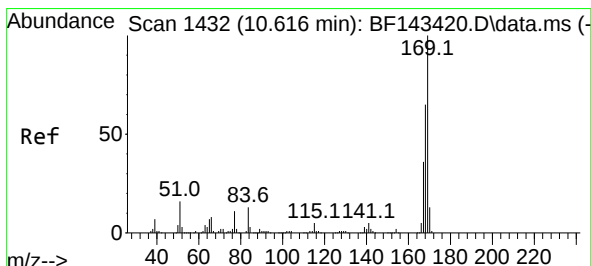
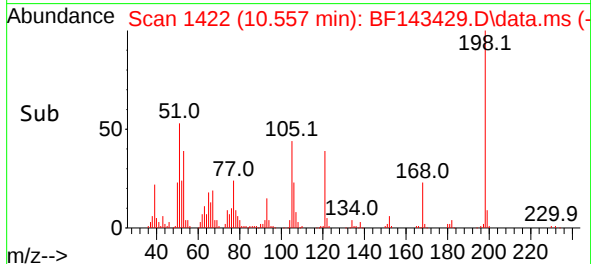
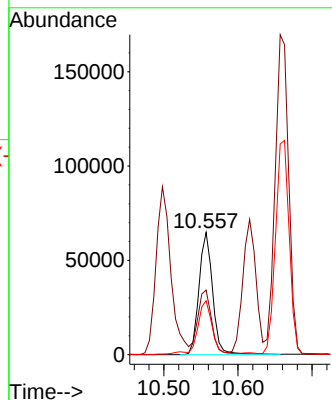
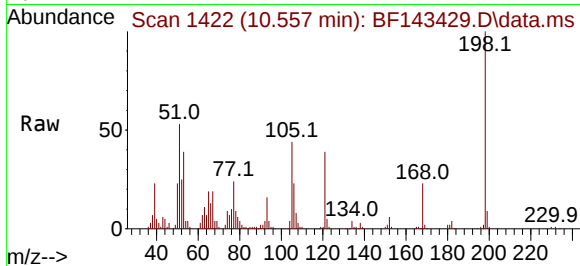




#65
4,6-Dinitro-2-methylphenol
Concen: 36.136 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

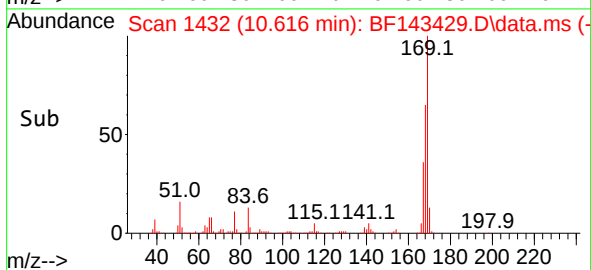
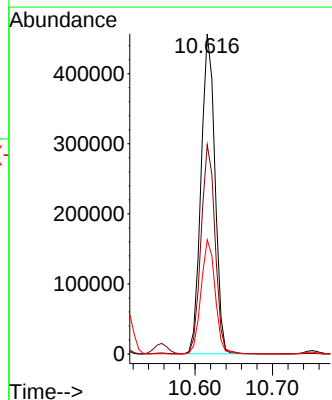
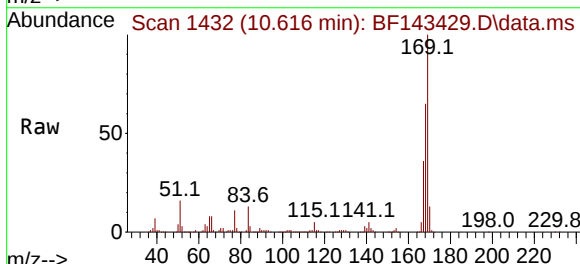
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

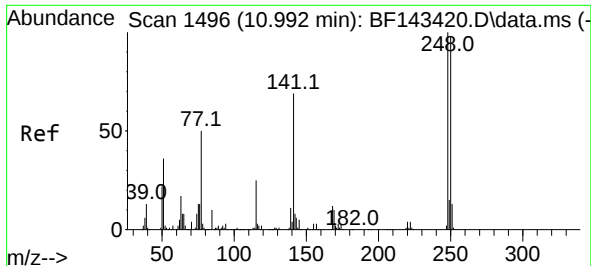
Tgt Ion:198 Resp: 82955
Ion Ratio Lower Upper
198 100
51 52.9 31.2 71.2
105 44.1 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 39.195 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:169 Resp: 567036
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 35.7 28.6 42.8

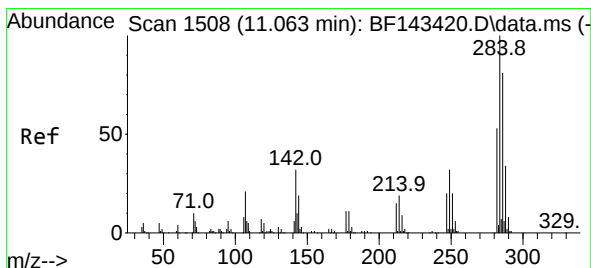
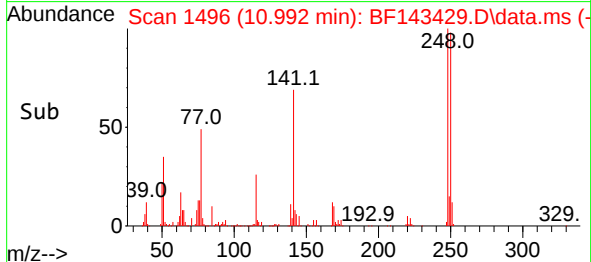
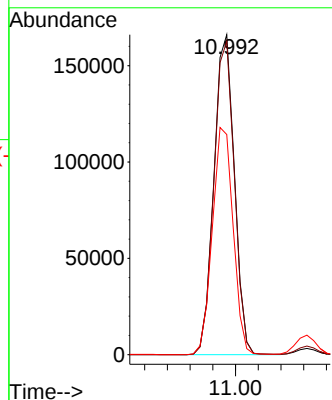
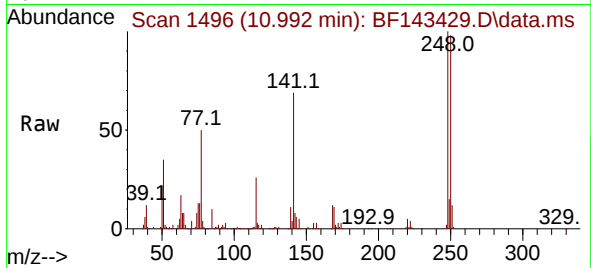




#67
4-Bromophenyl-phenylether
Concen: 39.604 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

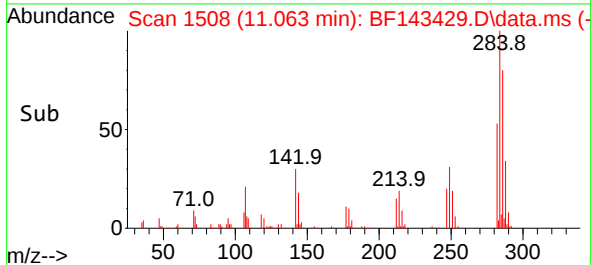
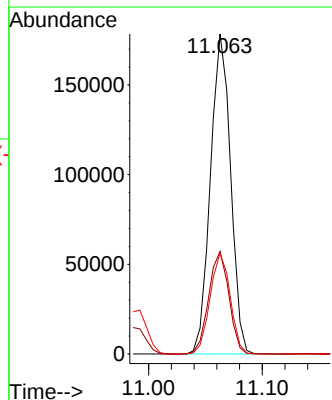
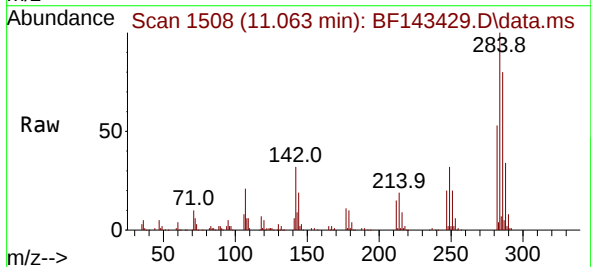
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

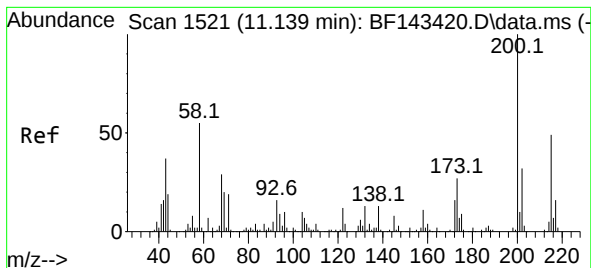
Tgt Ion:248 Resp: 208080
Ion Ratio Lower Upper
248 100
250 98.0 78.6 118.0
141 68.8 54.9 82.3



#68
Hexachlorobenzene
Concen: 39.348 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:284 Resp: 219775
Ion Ratio Lower Upper
284 100
142 32.0 25.4 38.2
249 31.6 25.4 38.0





#69

Atrazine

Concen: 41.277 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

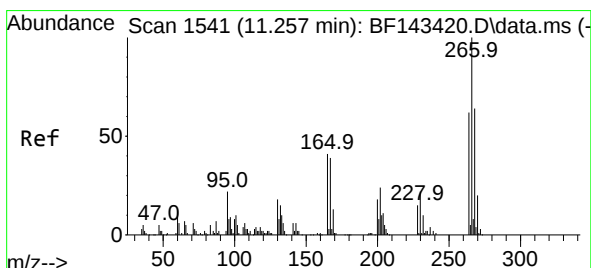
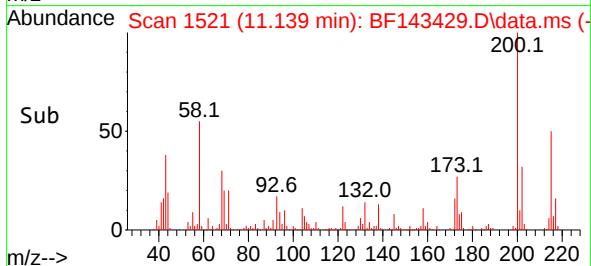
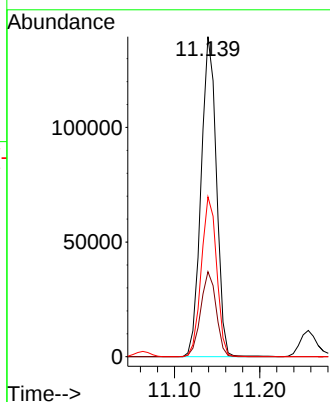
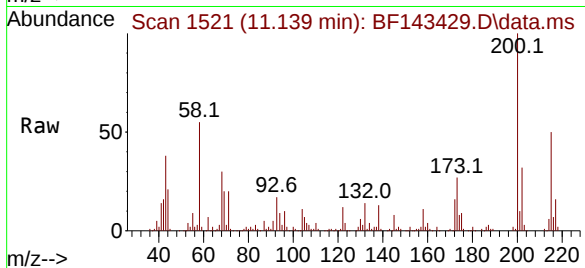
Tgt Ion:200 Resp: 174661

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 50.0 29.5 69.5



#70

Pentachlorophenol

Concen: 41.297 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

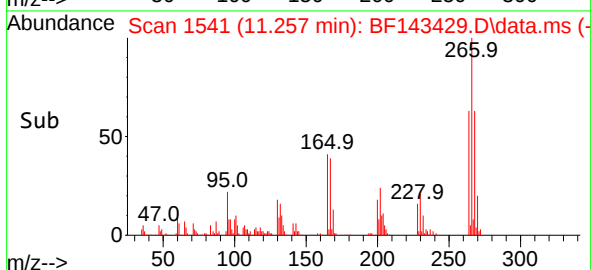
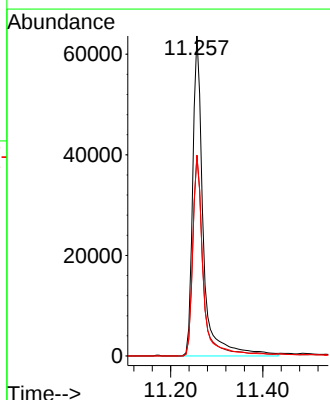
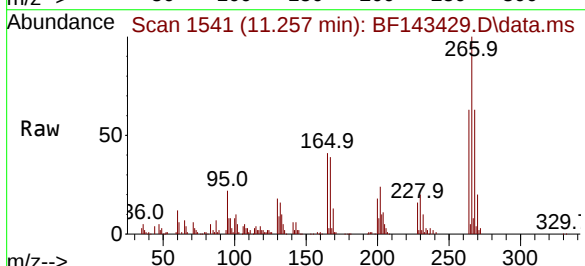
Tgt Ion:266 Resp: 101440

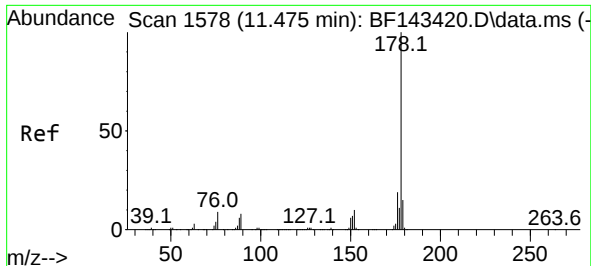
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 62.7 49.3 73.9

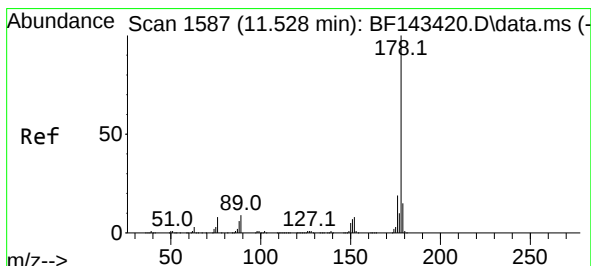
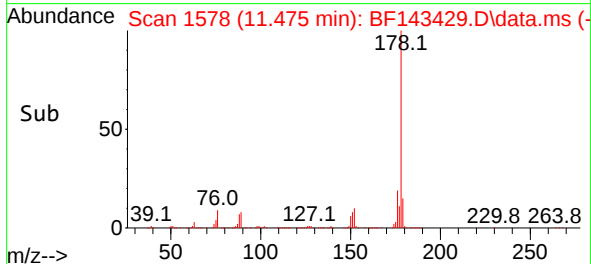
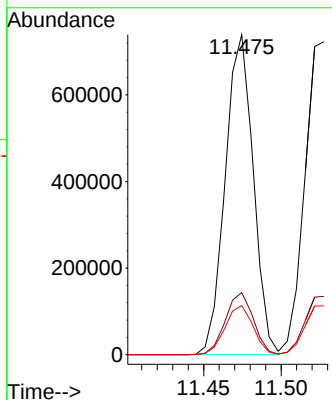
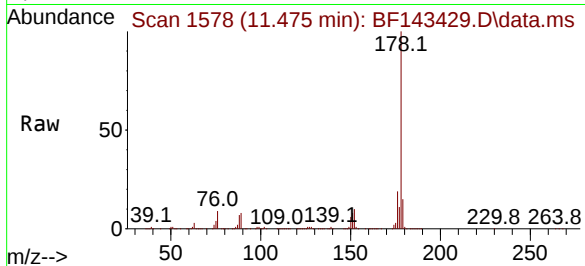




#71
Phenanthrene
Concen: 38.606 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

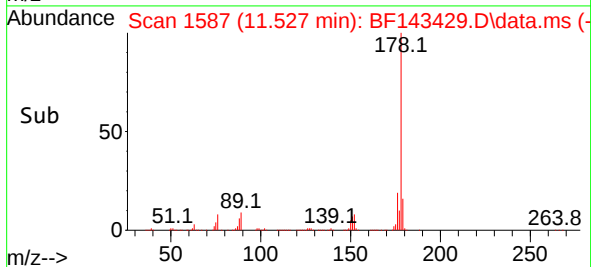
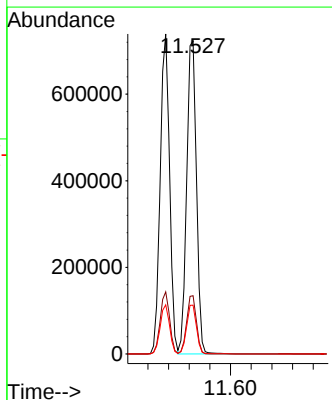
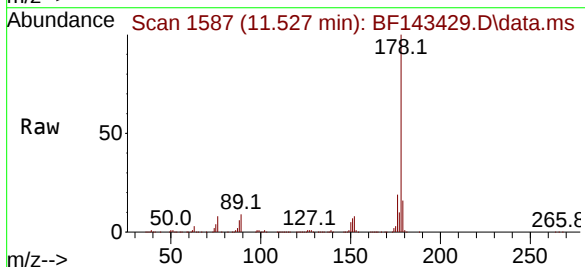
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

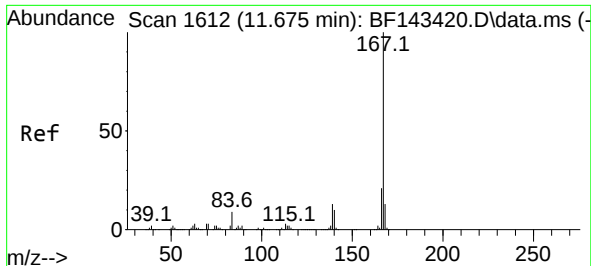
Tgt Ion:178 Resp: 930142
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 38.971 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:178 Resp: 948346
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4

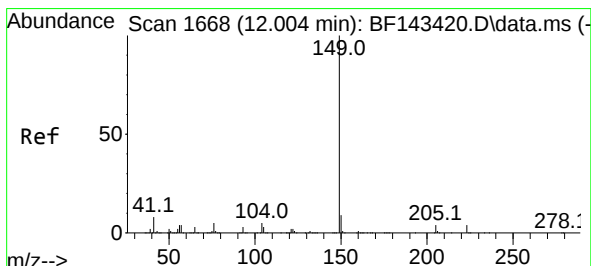
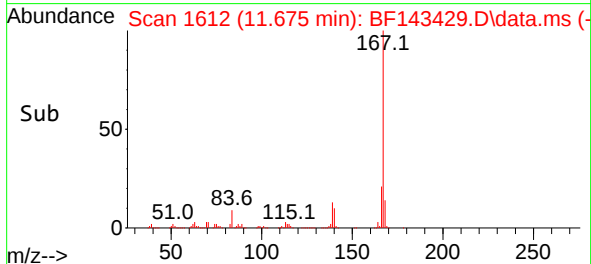
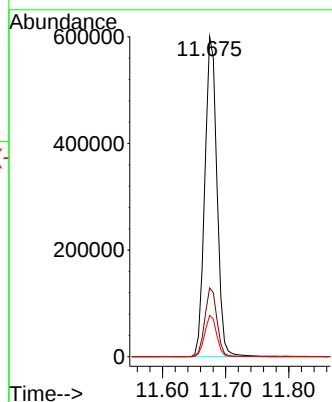
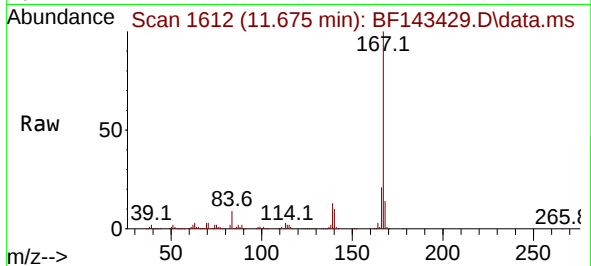




#73
 Carbazole
 Concen: 38.944 ng
 RT: 11.675 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

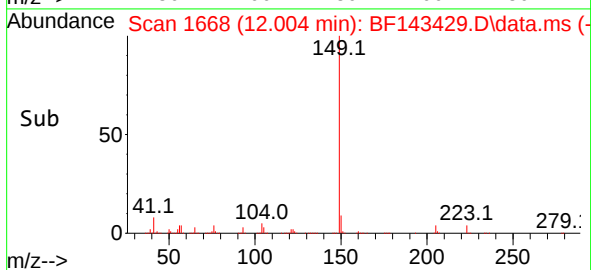
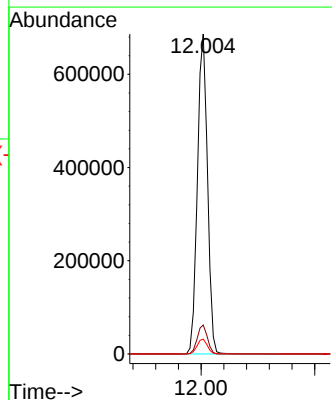
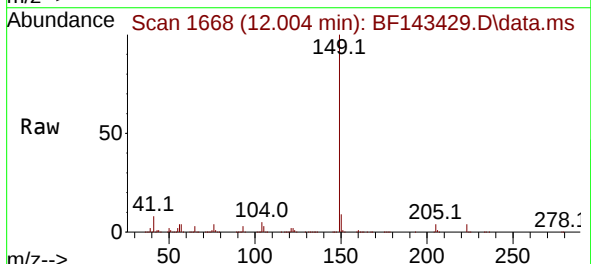
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

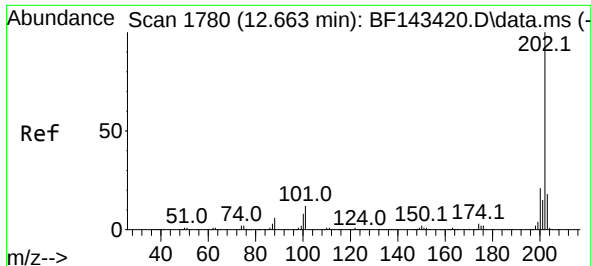
Tgt Ion:167 Resp: 801523
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.381 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

Tgt Ion:149 Resp: 848115
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.7 3.8 5.6

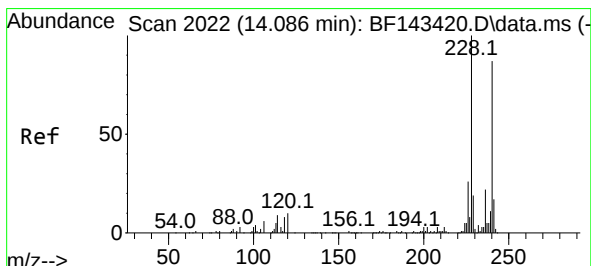
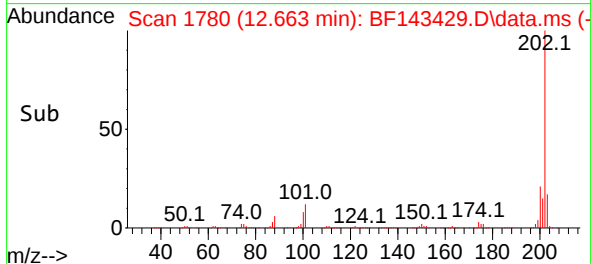
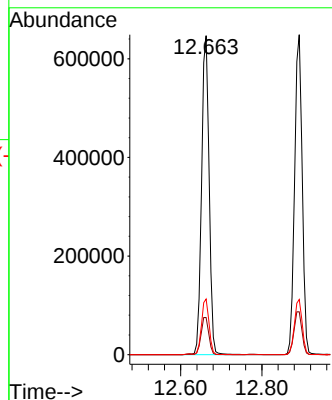
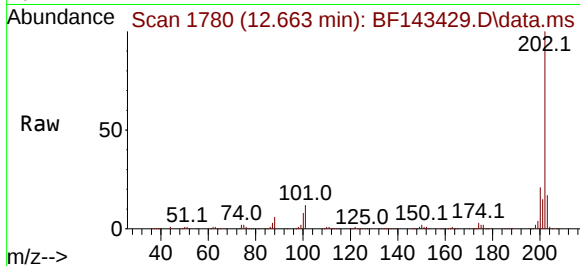




#75
Fluoranthene
Concen: 39.159 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

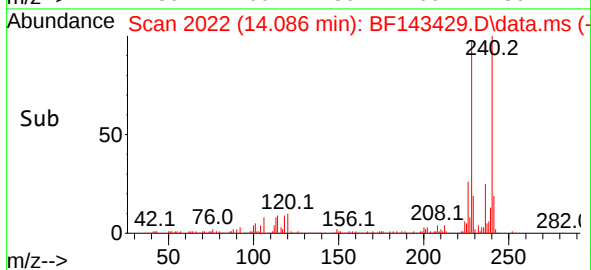
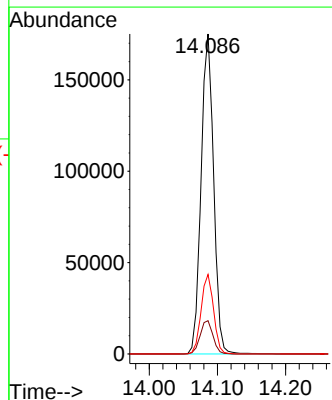
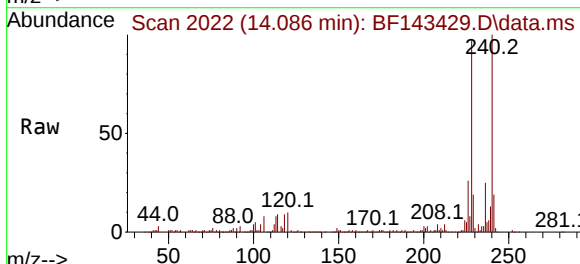
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

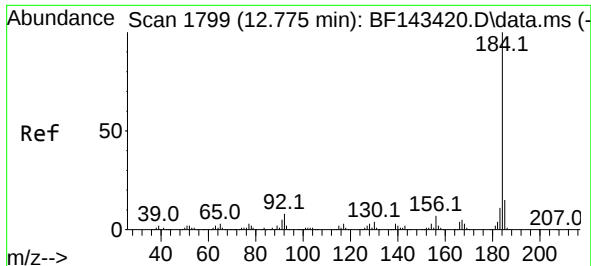
Tgt Ion:202 Resp: 838319
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:240 Resp: 223862
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 24.9 20.2 30.2

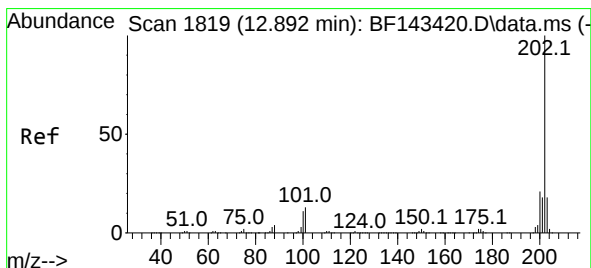
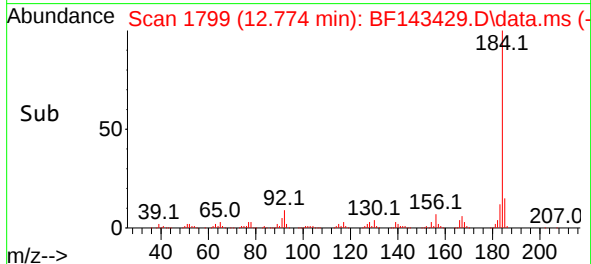
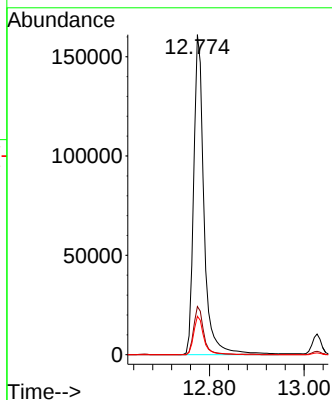
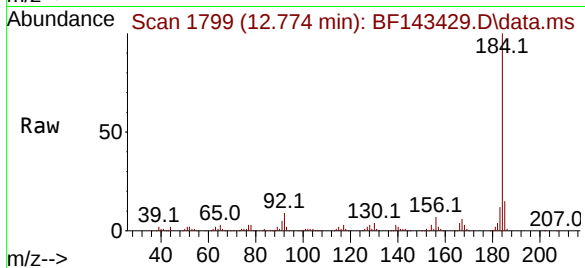




#77
Benzidine
Concen: 36.469 ng
RT: 12.774 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

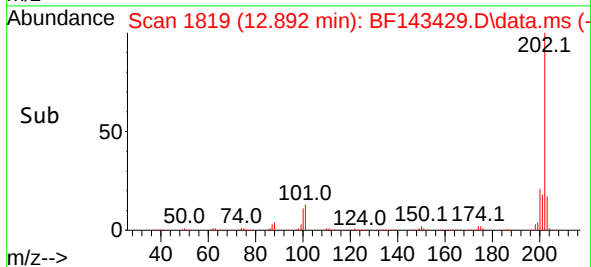
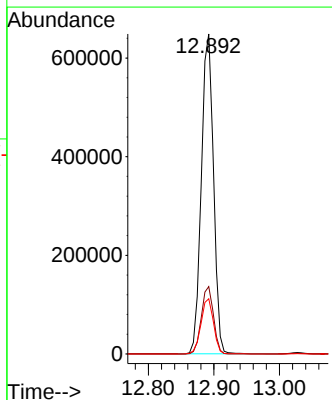
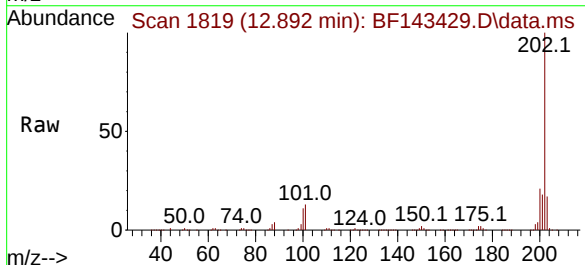
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

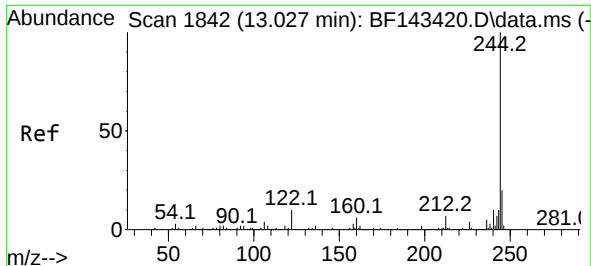
Tgt Ion:184 Resp: 243797
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 12.0 9.2 13.8



#78
Pyrene
Concen: 43.134 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:202 Resp: 839274
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.2 14.2 21.2

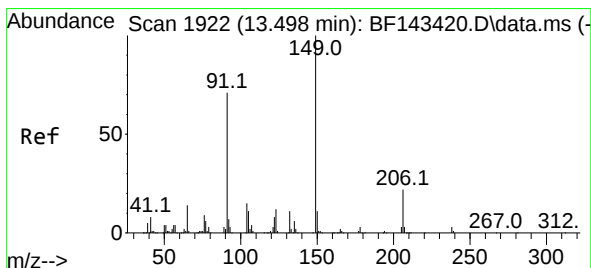
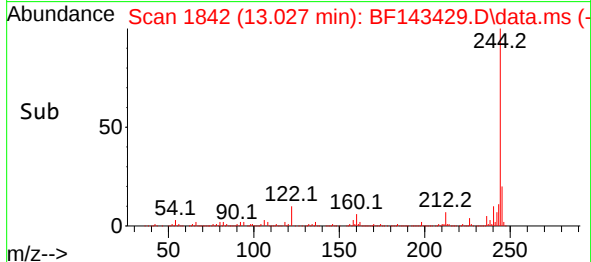
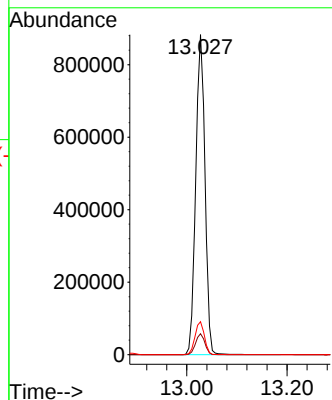
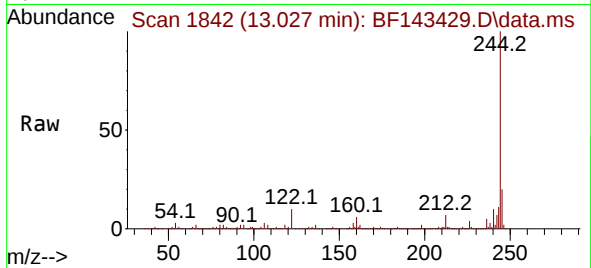




#79
 Terphenyl-d14
 Concen: 84.496 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

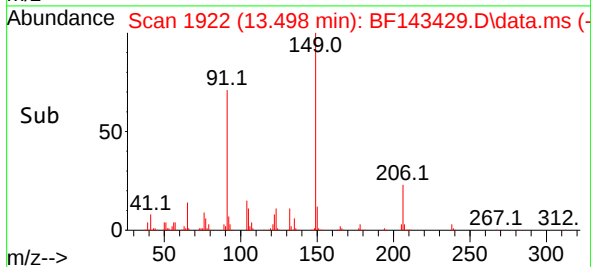
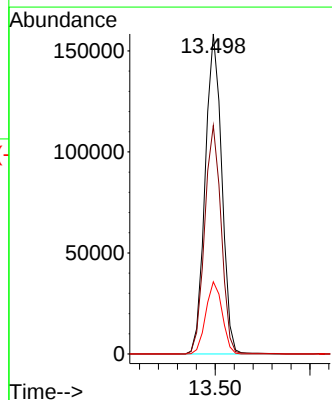
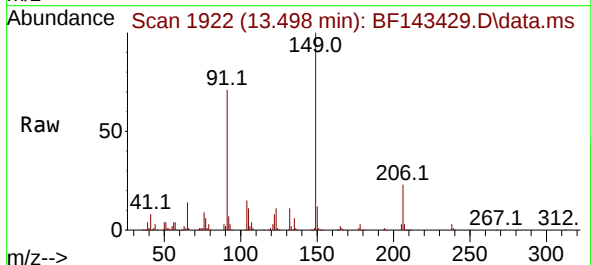
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

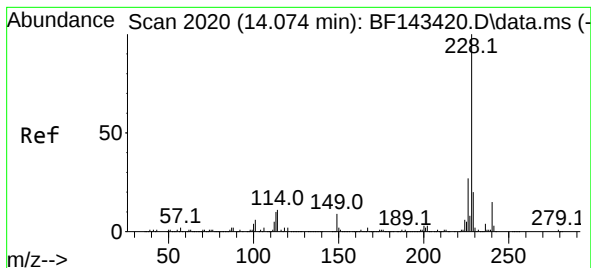
Tgt Ion:244 Resp: 1126019
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 39.994 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143429.D
 Acq: 18 Aug 2025 09:06

Tgt Ion:149 Resp: 192746
 Ion Ratio Lower Upper
 149 100
 91 71.4 57.0 85.4
 206 22.5 17.6 26.4





#81

Benzo(a)anthracene

Concen: 39.377 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

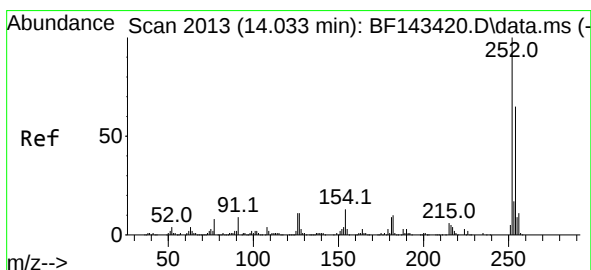
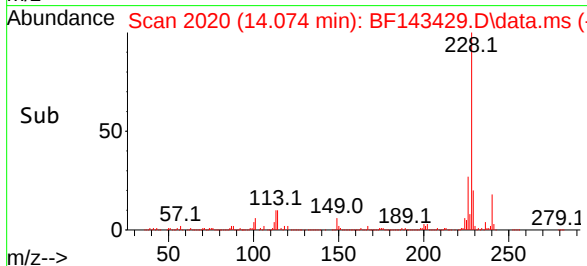
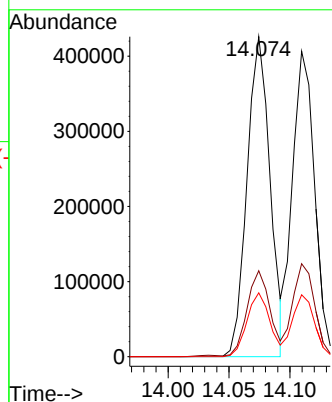
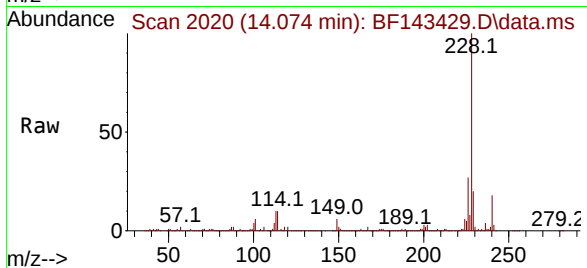
Tgt Ion:228 Resp: 561206

Ion Ratio Lower Upper

228 100

226 26.8 21.5 32.3

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.726 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

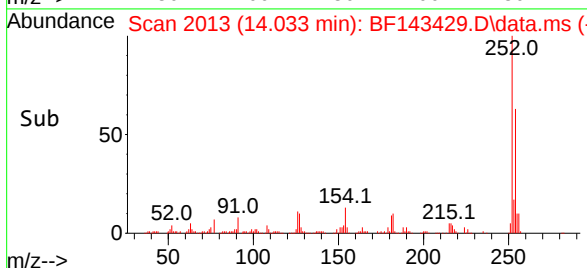
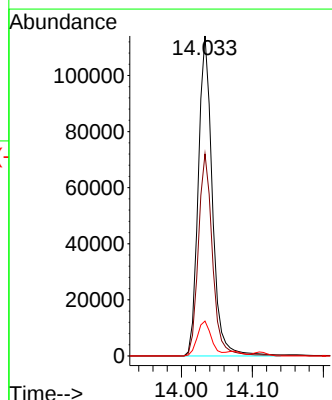
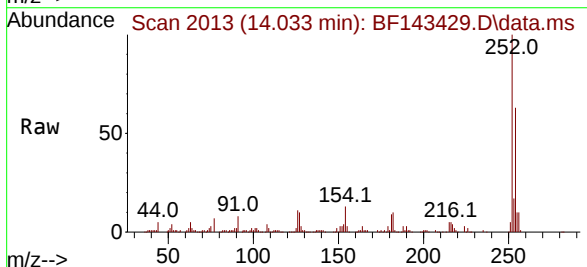
Tgt Ion:252 Resp: 157427

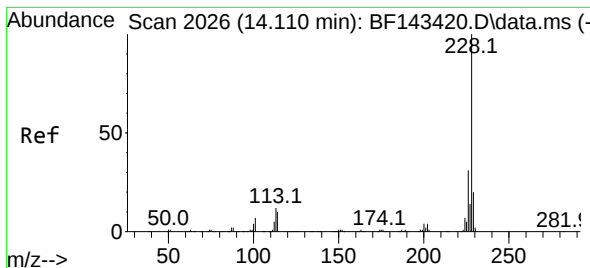
Ion Ratio Lower Upper

252 100

254 63.2 51.6 77.4

126 10.9 8.8 13.2





#83

Chrysene

Concen: 39.527 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

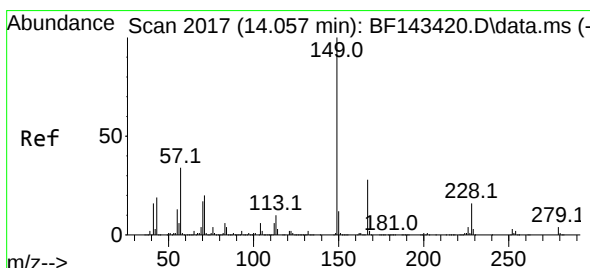
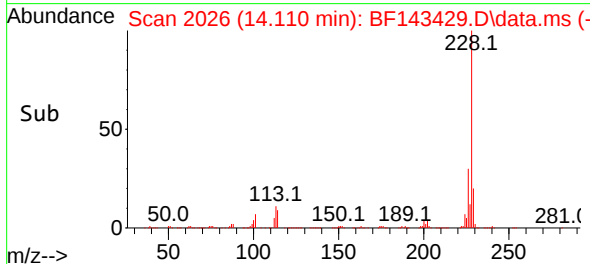
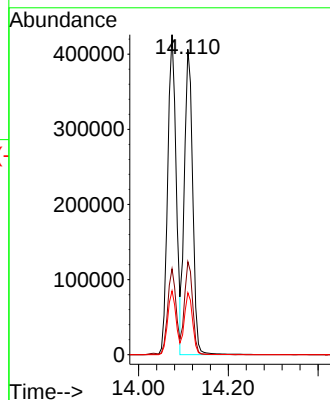
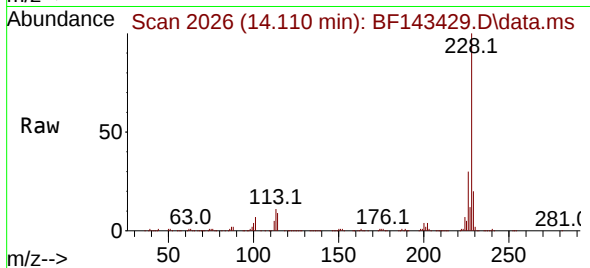
Tgt Ion:228 Resp: 520801

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.279 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

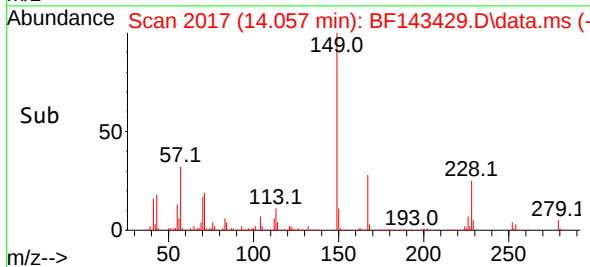
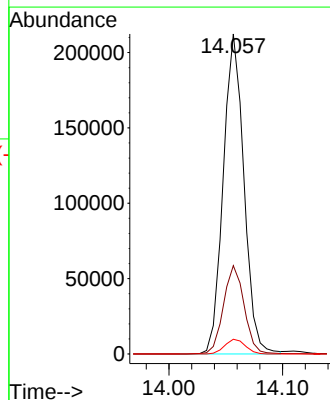
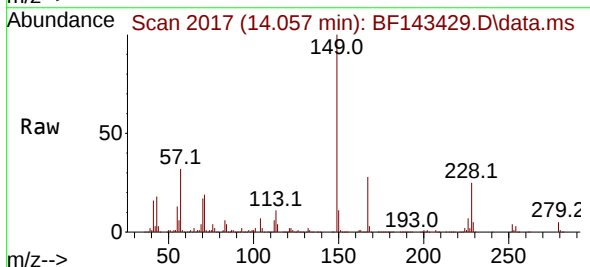
Tgt Ion:149 Resp: 268833

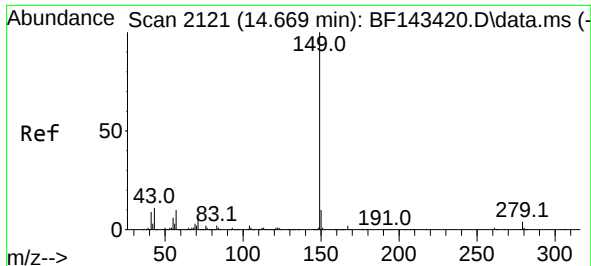
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.6 3.5 5.3

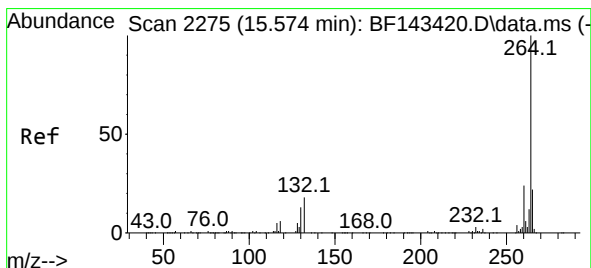
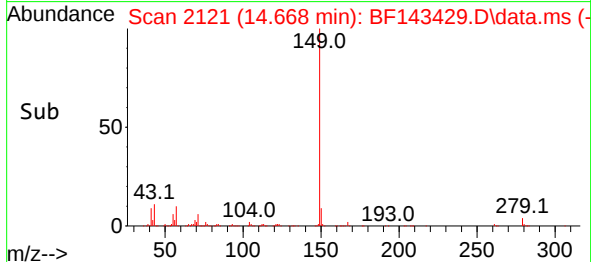
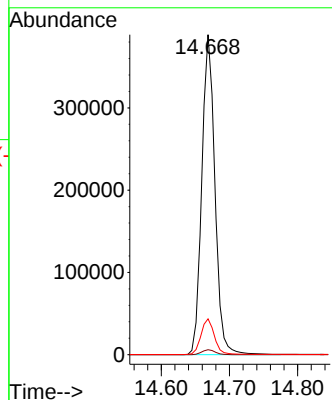
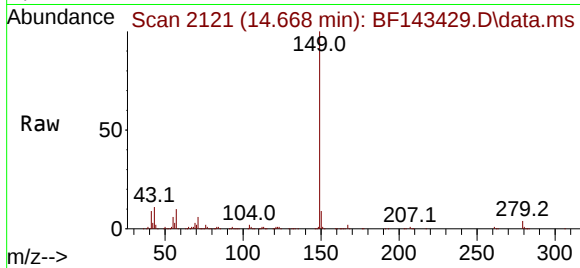




#85
Di-n-octyl phthalate
Concen: 37.527 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

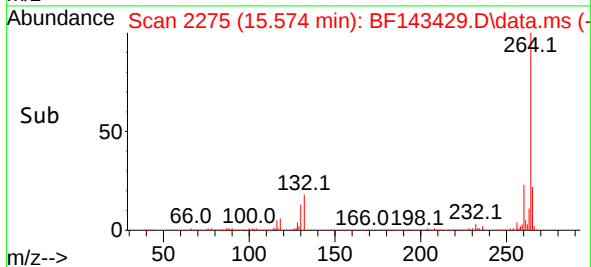
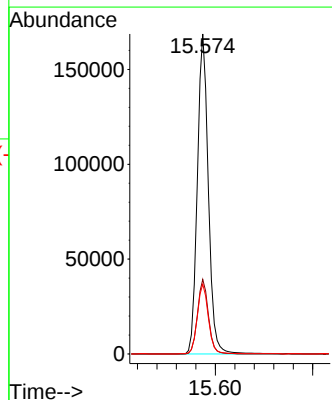
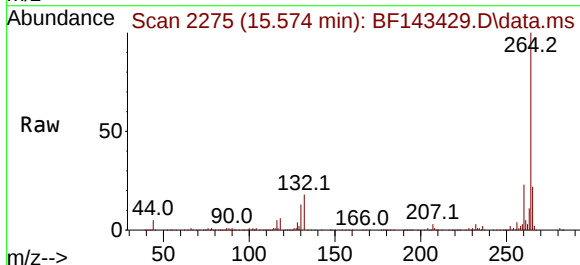
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

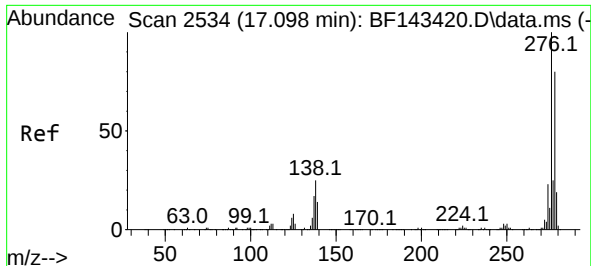
Tgt Ion:149 Resp: 520946
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:264 Resp: 265880
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.8 17.4 26.0





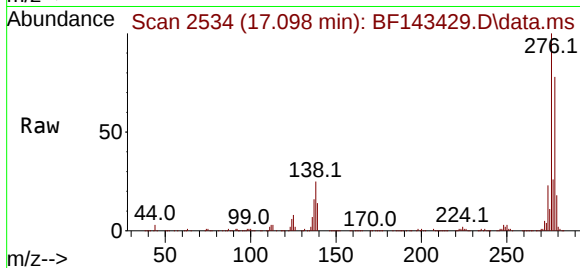
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.748 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Instrument :

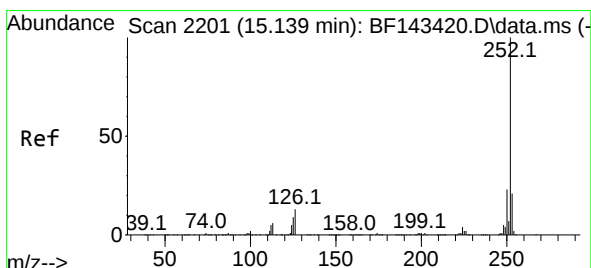
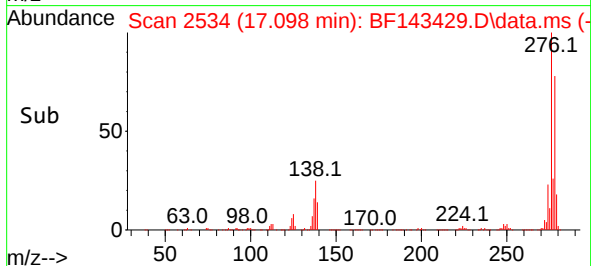
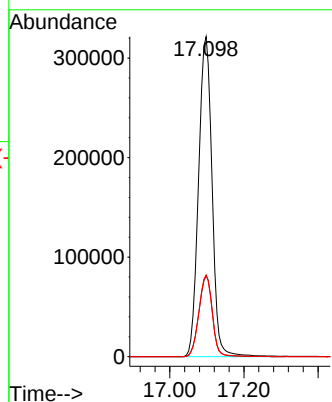
BNA_F

ClientSampleId :

SSTDCCC040

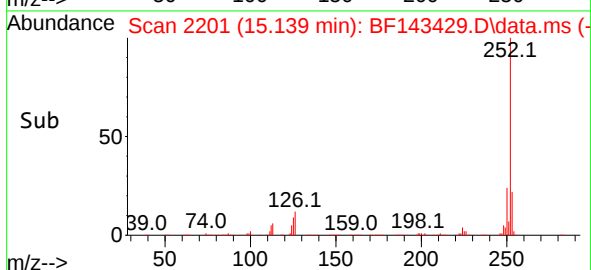
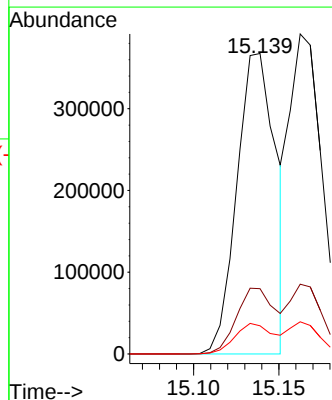
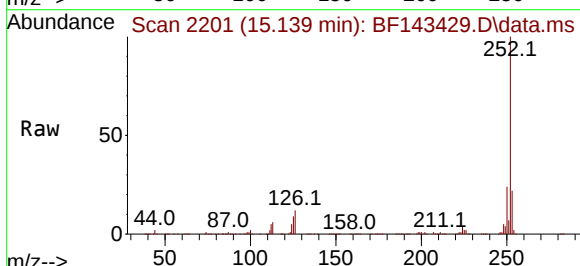


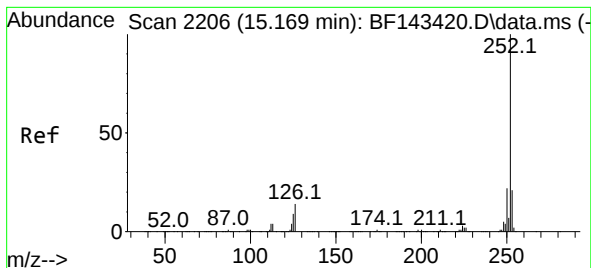
Tgt Ion:276 Resp: 812459
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.909 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:252 Resp: 582964
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.999 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

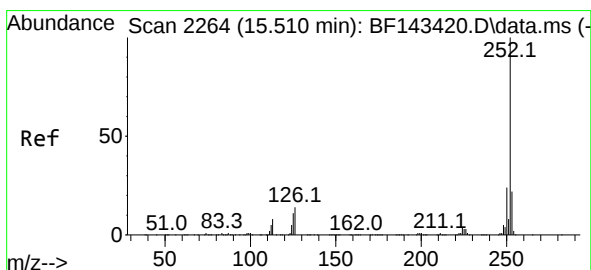
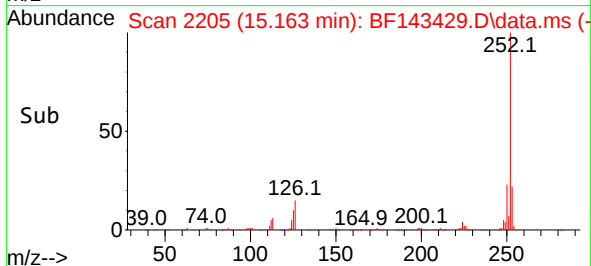
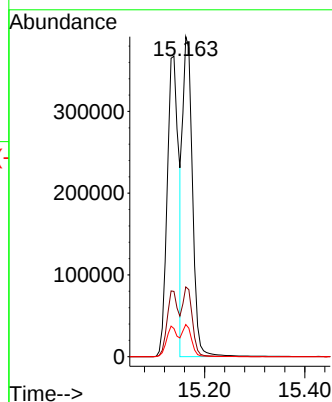
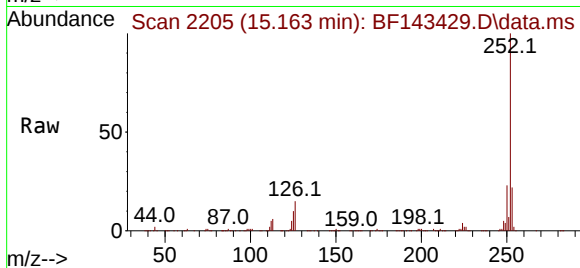
Tgt Ion:252 Resp: 534086

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.116 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143429.D

Acq: 18 Aug 2025 09:06

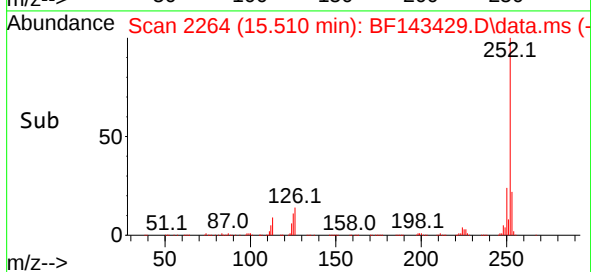
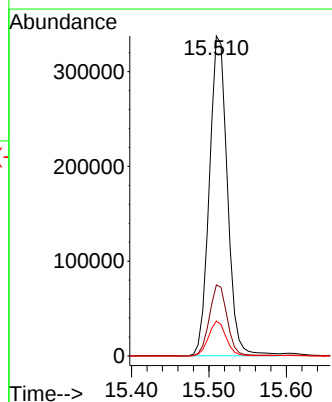
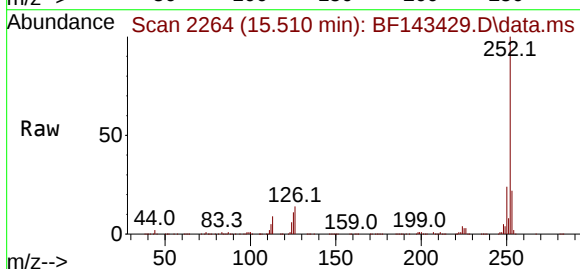
Tgt Ion:252 Resp: 544481

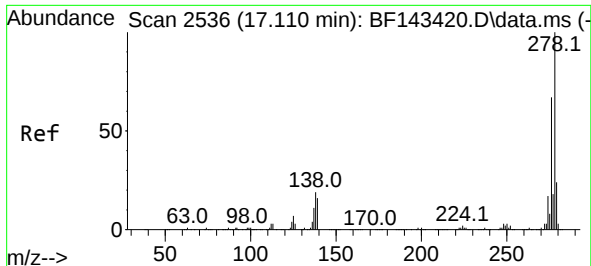
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.9 8.6 12.8

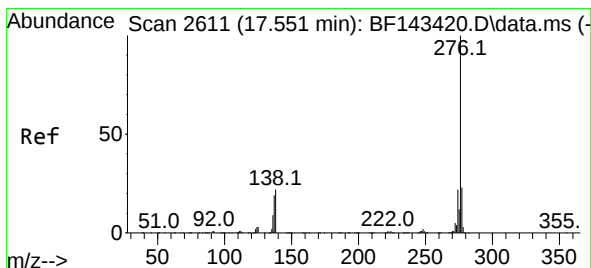
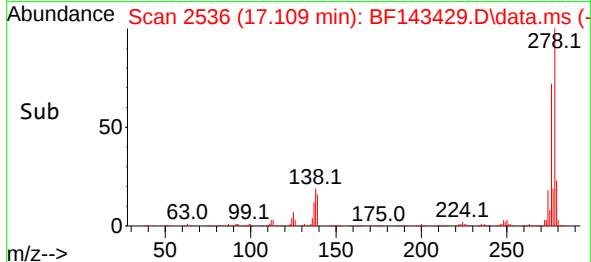
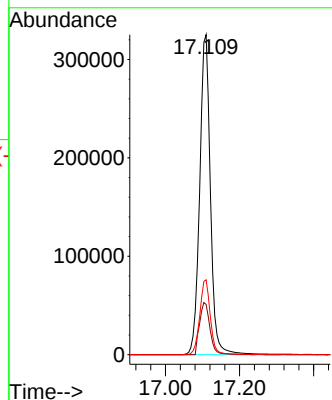
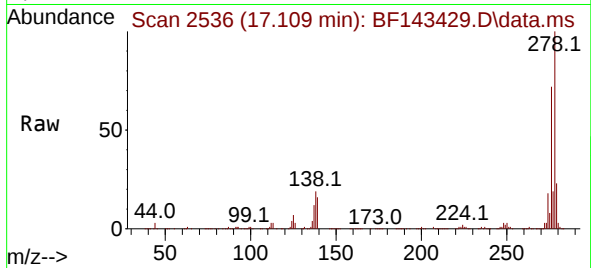




#91
Dibenzo(a,h)anthracene
Concen: 40.799 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 653257
Ion Ratio Lower Upper
278 100
139 15.7 12.9 19.3
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.024 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF143429.D
Acq: 18 Aug 2025 09:06

Tgt Ion:276 Resp: 656182
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 22.3 17.5 26.3

