

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143489.D
 Acq On : 20 Aug 2025 17:13
 Operator : RC/JU
 Sample : PB169313BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

Quant Time: Aug 20 18:33:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134095	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510372	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	281230	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	429898	20.000	ng	0.00
76) Chrysene-d12	14.098	240	234937	20.000	ng	0.00
86) Perylene-d12	15.598	264	275165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	906431	118.034	ng	0.01
7) Phenol-d6	6.569	99	1137459	119.987	ng	0.00
23) Nitrobenzene-d5	7.487	82	762747	87.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	331402	126.594	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1385209	81.403	ng	0.00
79) Terphenyl-d14	13.039	244	1227361	91.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	140225	39.417	ng	98
3) Pyridine	3.604	79	381000	40.210	ng	99
4) n-Nitrosodimethylamine	3.551	42	209463	49.176	ng	96
6) Aniline	6.592	93	385324	30.409	ng	# 89
8) 2-Chlorophenol	6.716	128	397932	46.915	ng	99
9) Benzaldehyde	6.475	77	204602	26.658	ng	98
10) Phenol	6.581	94	479009	43.862	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	376321	46.112	ng	100
12) 1,3-Dichlorobenzene	6.869	146	450136	47.232	ng	99
13) 1,4-Dichlorobenzene	6.945	146	449967	47.068	ng	99
14) 1,2-Dichlorobenzene	7.098	146	430820	47.598	ng	100
15) Benzyl Alcohol	7.069	79	349102	49.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	610573	46.765	ng	96
17) 2-Methylphenol	7.187	107	320988	47.151	ng	99
18) Hexachloroethane	7.439	117	152082	46.790	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	277063	47.817	ng	100
20) 3+4-Methylphenols	7.334	107	376455	46.323	ng	95
22) Acetophenone	7.334	105	517836	46.964	ng	99
24) Nitrobenzene	7.510	77	420860	46.754	ng	98
25) Isophorone	7.745	82	780874	48.706	ng	100
26) 2-Nitrophenol	7.822	139	215430	48.857	ng	98
27) 2,4-Dimethylphenol	7.863	122	339385	49.375	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	459281	46.615	ng	100
29) 2,4-Dichlorophenol	8.069	162	332236	45.257	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	362445	48.021	ng	100
31) Naphthalene	8.234	128	1098754	44.842	ng	100
32) Benzoic acid	7.992	122	184125	47.230	ng	97
33) 4-Chloroaniline	8.275	127	112061	12.885	ng	99
34) Hexachlorobutadiene	8.351	225	228735	46.451	ng	99
35) Caprolactam	8.686	113	35352	20.069	ng	94
36) 4-Chloro-3-methylphenol	8.769	107	339481	46.145	ng	99
37) 2-Methylnaphthalene	8.922	142	673616	41.162	ng	99
38) 1-Methylnaphthalene	9.022	142	687011	43.887	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350599	43.584	ng	99
41) Hexachlorocyclopentadiene	9.081	237	396561	123.098	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226186	45.696	ng	99

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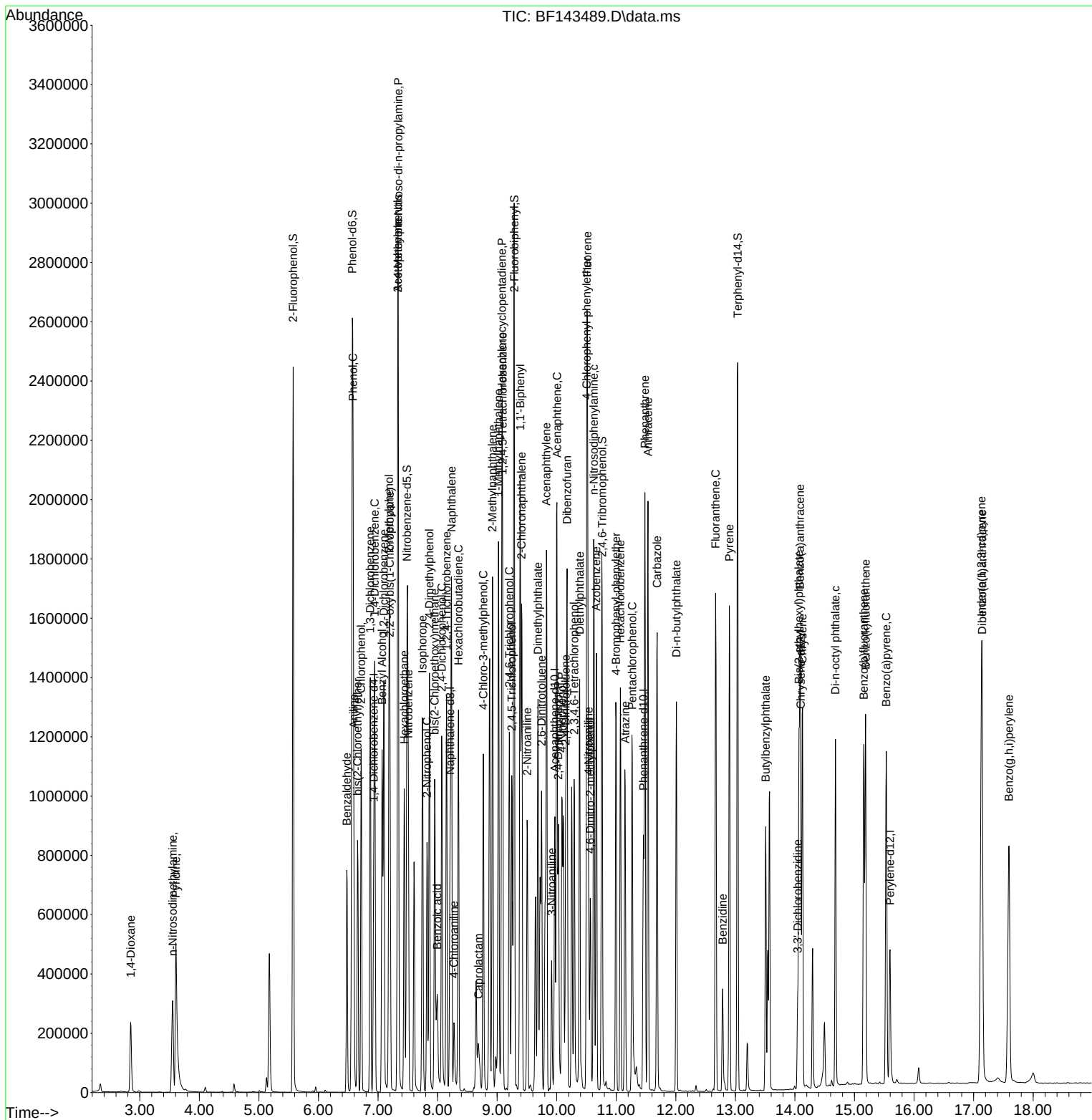
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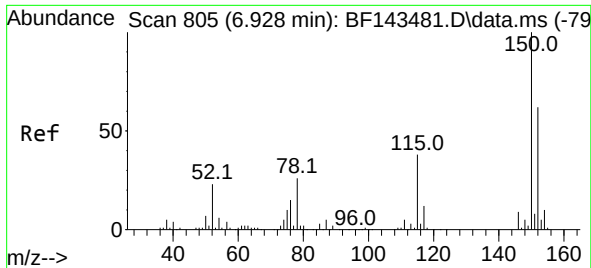
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	237819	43.985	ng	99
46) 1,1'-Biphenyl	9.386	154	897223	44.948	ng	100
47) 2-Chloronaphthalene	9.410	162	694733	44.358	ng	99
48) 2-Nitroaniline	9.504	65	217580	47.469	ng	99
49) Acenaphthylene	9.828	152	1121586	50.014	ng	99
50) Dimethylphthalate	9.686	163	796613	47.032	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179774	51.211	ng	98
52) Acenaphthene	10.004	154	751245	49.339	ng	100
53) 3-Nitroaniline	9.916	138	92083	24.276	ng	99
54) 2,4-Dinitrophenol	10.028	184	176260	92.970	ng	98
55) Dibenzofuran	10.175	168	975498	44.937	ng	99
56) 4-Nitrophenol	10.086	139	228057	101.045	ng	94
57) 2,4-Dinitrotoluene	10.151	165	245063	52.282	ng	97
58) Fluorene	10.516	166	765879	45.840	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	208751	51.968	ng	99
60) Diethylphthalate	10.386	149	735316	48.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	380418	45.528	ng	100
62) 4-Nitroaniline	10.533	138	168332	48.313	ng	99
63) Azobenzene	10.663	77	763587	48.494	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	129091	53.257	ng	96
66) n-Nitrosodiphenylamine	10.622	169	667663	48.259	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	239849	46.760	ng	98
68) Hexachlorobenzene	11.069	284	260280	47.075	ng	98
69) Atrazine	11.151	200	187729	52.566	ng	99
70) Pentachlorophenol	11.269	266	256427	101.265	ng	99
71) Phenanthrene	11.480	178	1077665	46.811	ng	100
72) Anthracene	11.533	178	1098131	47.086	ng	100
73) Carbazole	11.686	167	913776	47.817	ng	99
74) Di-n-butylphthalate	12.010	149	915491	51.353	ng	99
75) Fluoranthene	12.669	202	968757	46.897	ng	99
77) Benzidine	12.786	184	203411	35.544	ng	99
78) Pyrene	12.898	202	940507	48.667	ng	100
80) Butylbenzylphthalate	13.510	149	283983	53.791	ng	99
81) Benzo(a)anthracene	14.086	228	709995	46.940	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	88838	20.509	ng	99
83) Chrysene	14.127	228	670537	49.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	407661	50.699	ng	100
85) Di-n-octyl phthalate	14.680	149	764827	51.345	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	936751	47.375	ng	100
88) Benzo(b)fluoranthene	15.157	252	718254	46.959	ng	100
89) Benzo(k)fluoranthene	15.186	252	719311	49.118	ng	100
90) Benzo(a)pyrene	15.533	252	721420	50.813	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	766358	48.393	ng	99
92) Benzo(g,h,i)perylene	17.592	276	771124	48.971	ng	99

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

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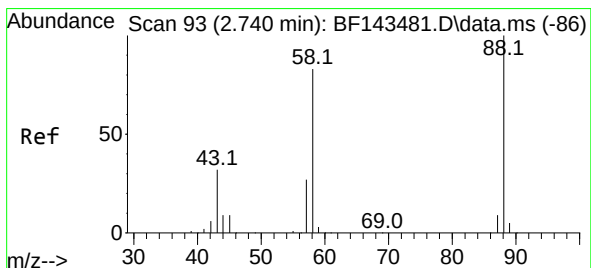
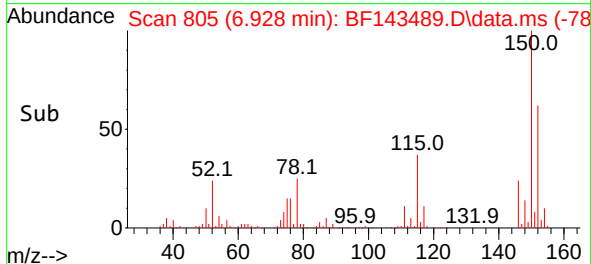
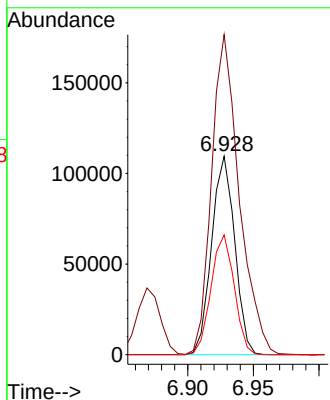
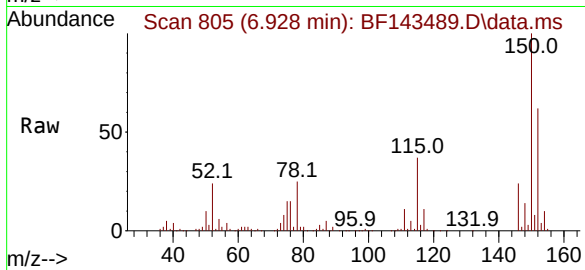




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143489.D
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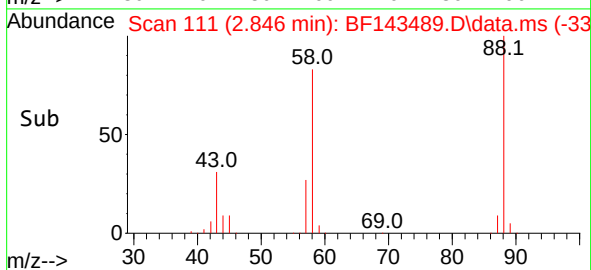
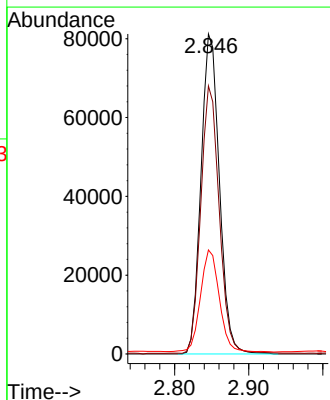
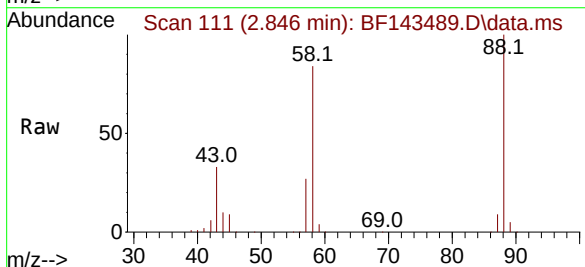
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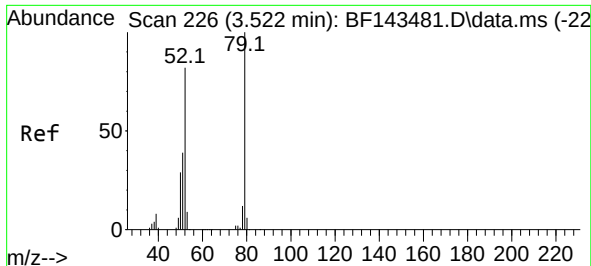
Tgt Ion:152 Resp: 134095
 Ion Ratio Lower Upper
 152 100
 150 161.3 128.9 193.3
 115 60.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 39.417 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.112 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Tgt Ion: 88 Resp: 140225
 Ion Ratio Lower Upper
 88 100
 58 85.2 66.7 100.1
 43 32.6 25.8 38.8





#3

Pyridine

Concen: 40.210 ng

RT: 3.604 min Scan# 24

Delta R.T. 0.088 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

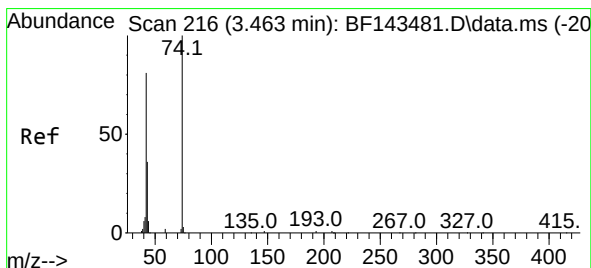
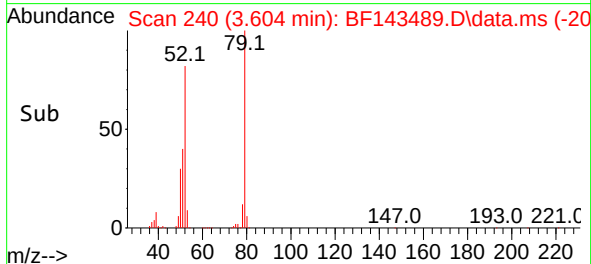
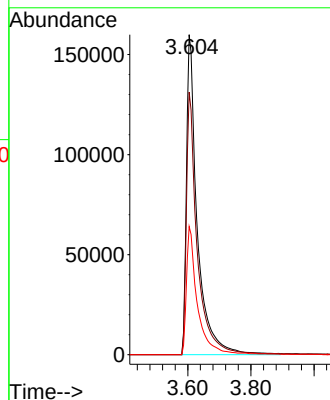
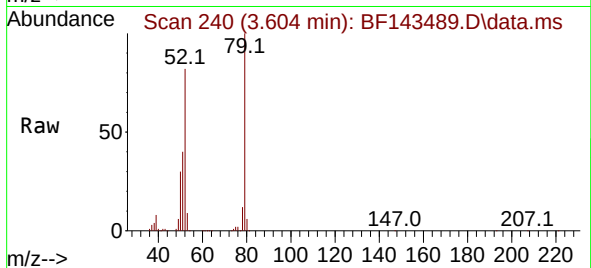
Tgt Ion: 79 Resp: 381000

Ion Ratio Lower Upper

79 100

52 82.1 65.6 98.4

51 40.0 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 49.176 ng

RT: 3.551 min Scan# 231

Delta R.T. 0.076 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

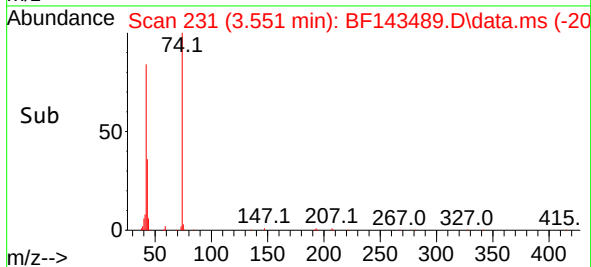
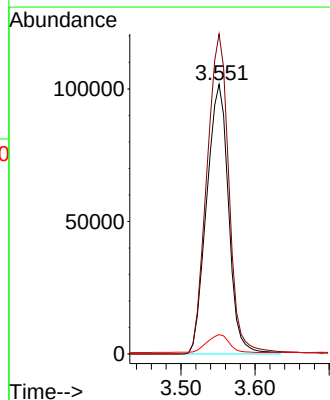
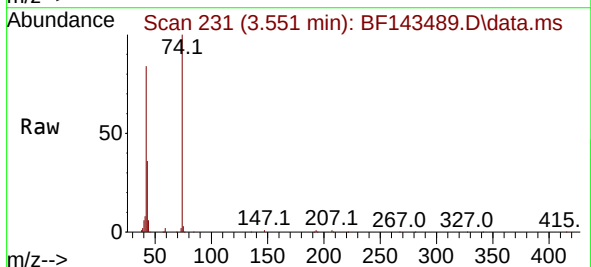
Tgt Ion: 42 Resp: 209463

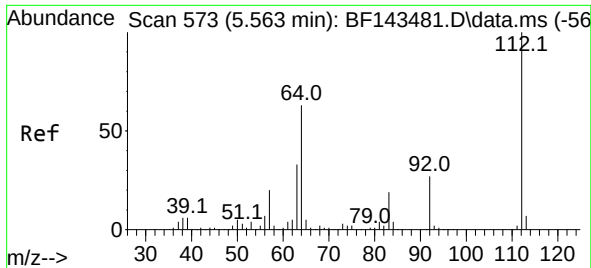
Ion Ratio Lower Upper

42 100

74 118.7 98.6 148.0

44 7.2 5.8 8.8

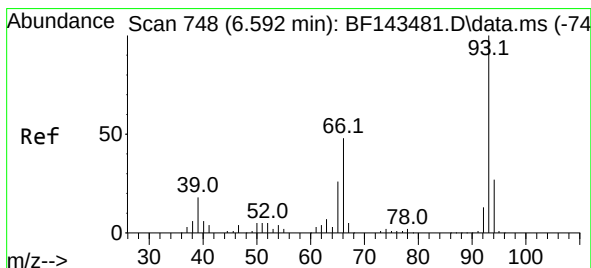
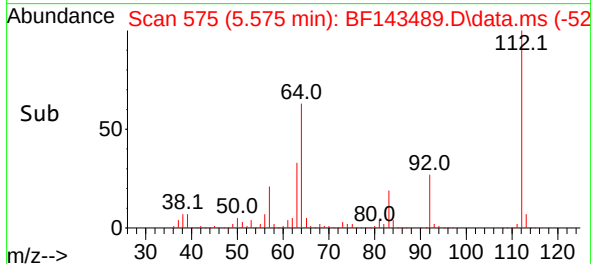
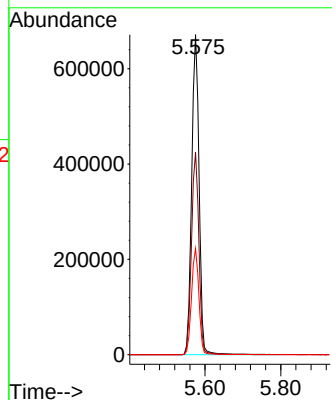
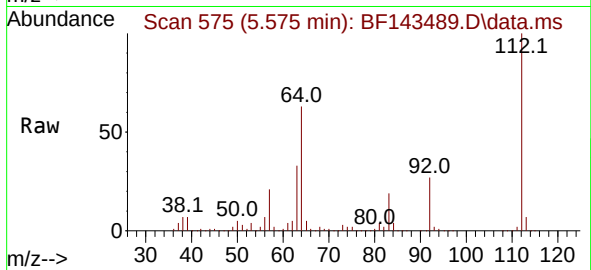




#5
2-Fluorophenol
Concen: 118.034 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

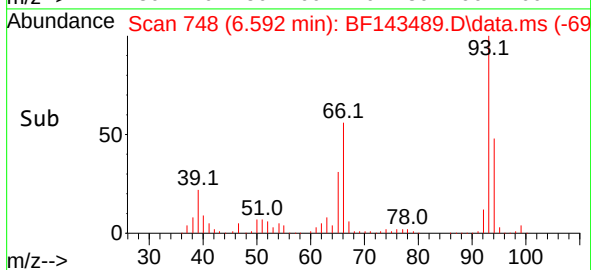
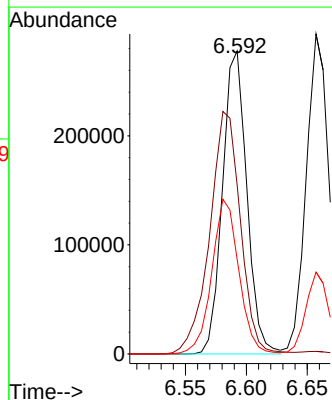
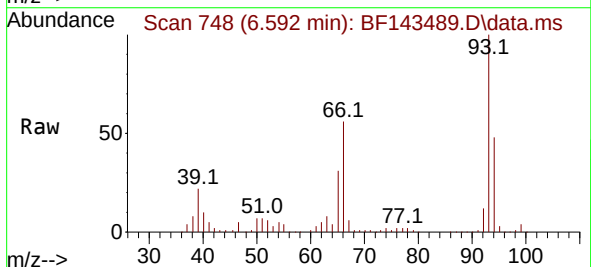
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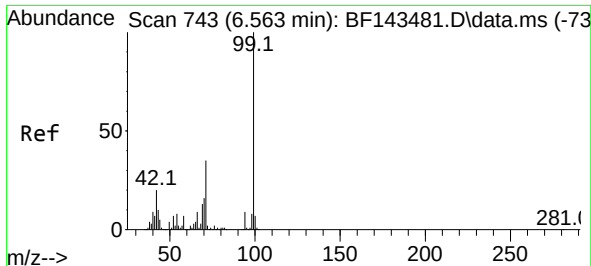
Tgt Ion:112 Resp: 906431
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 33.1 26.4 39.6



#6
Aniline
Concen: 30.409 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 93 Resp: 385324
Ion Ratio Lower Upper
93 100
66 55.7 38.9 58.3
65 31.2 20.6 30.8#

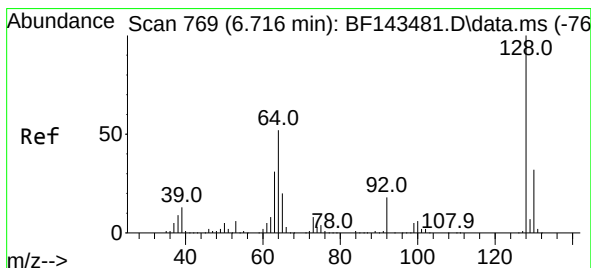
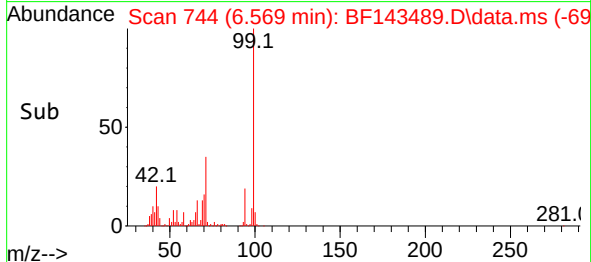
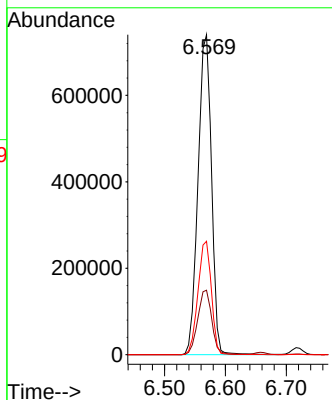
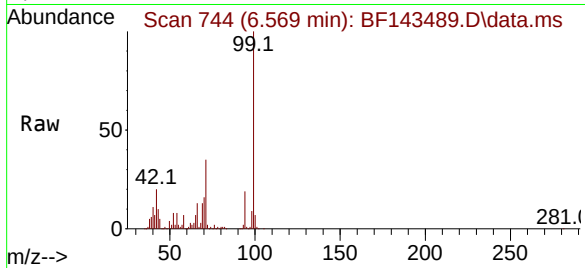




#7
Phenol-d6
Concen: 119.987 ng
RT: 6.569 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

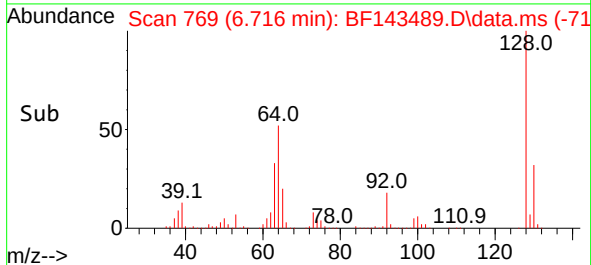
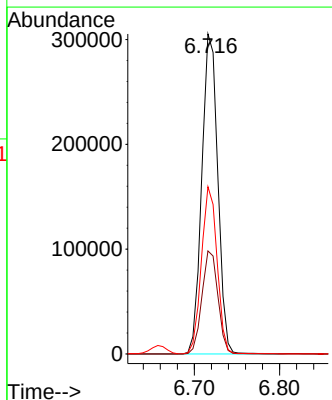
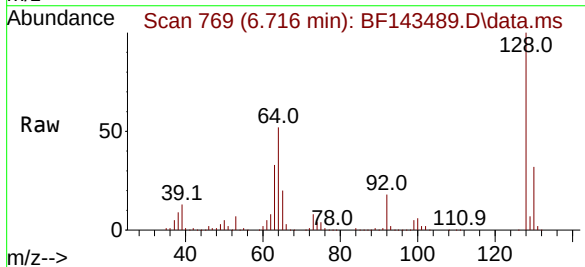
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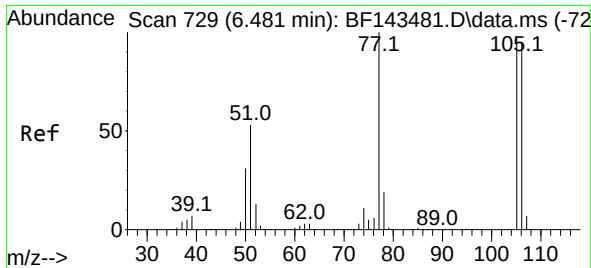
Tgt Ion: 99 Resp: 1137459
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 35.4 28.2 42.2



#8
2-Chlorophenol
Concen: 46.915 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 128 Resp: 397932
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.2 31.6 71.6

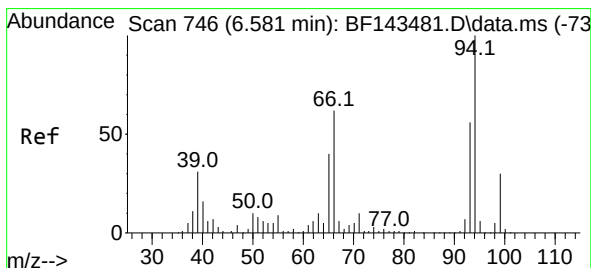
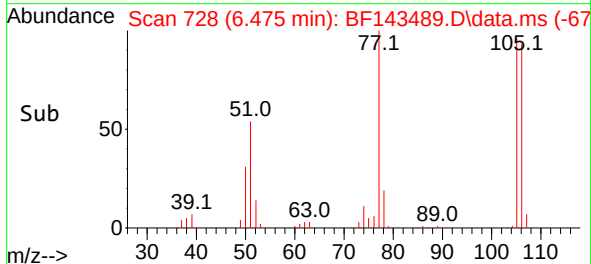
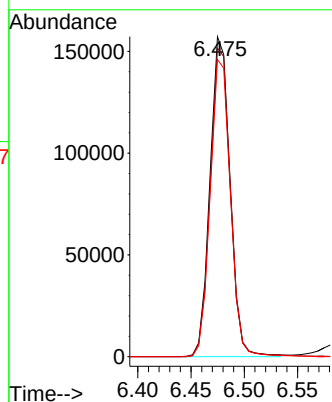
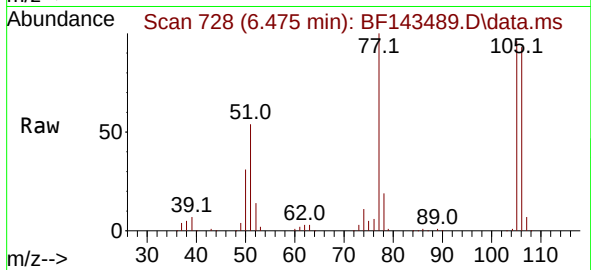




#9
Benzaldehyde
Concen: 26.658 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

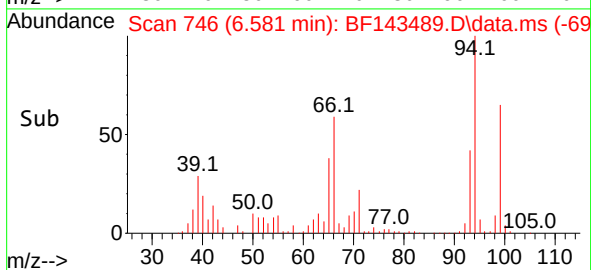
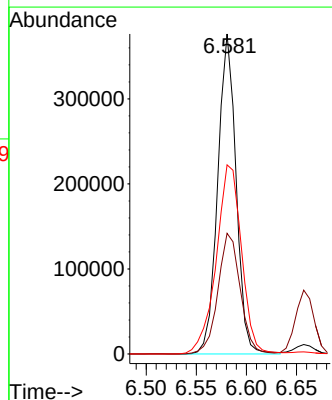
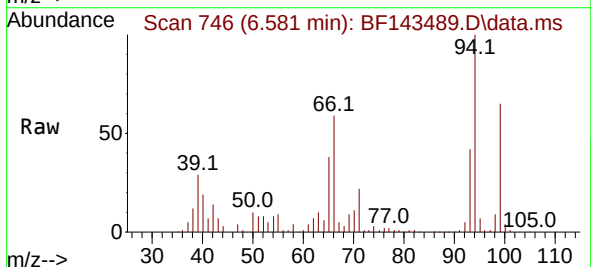
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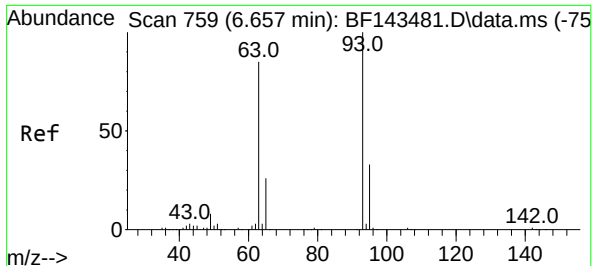
Tgt Ion: 77 Resp: 204602
Ion Ratio Lower Upper
77 100
105 96.4 78.1 118.1
106 92.8 74.9 114.9



#10
Phenol
Concen: 43.862 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143489.D
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Tgt Ion: 94 Resp: 479009
Ion Ratio Lower Upper
94 100
65 37.7 19.5 59.5
66 59.1 42.5 82.5

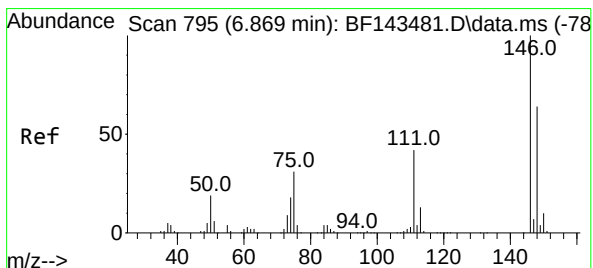
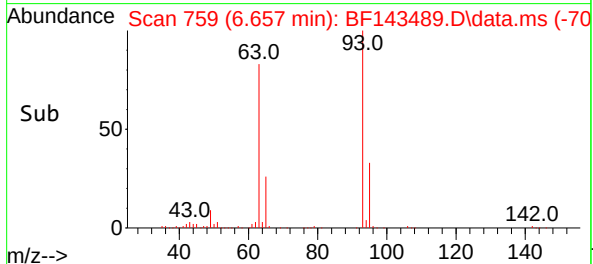
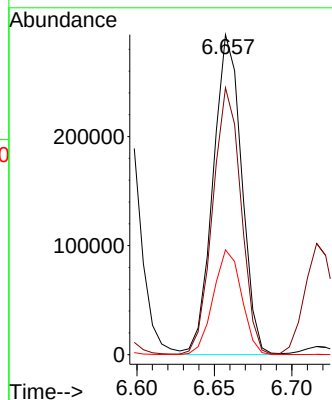
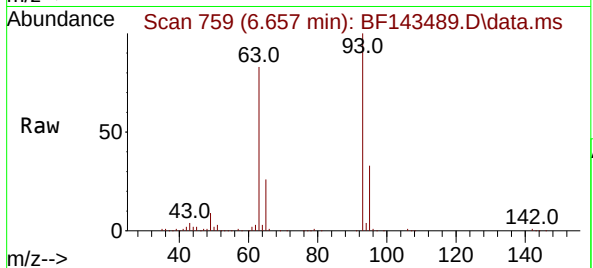




#11
bis(2-Chloroethyl)ether
Concen: 46.112 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

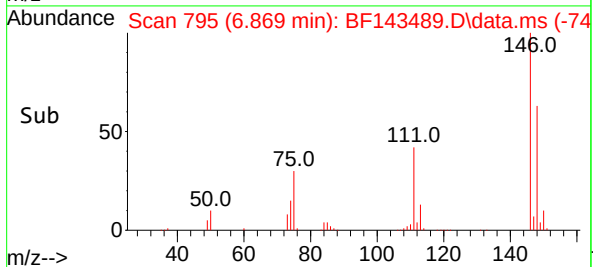
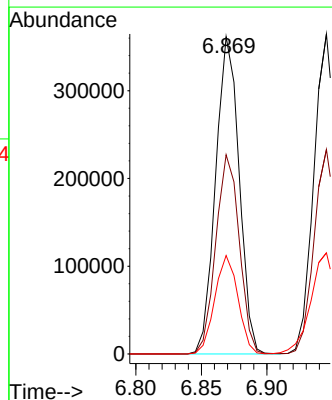
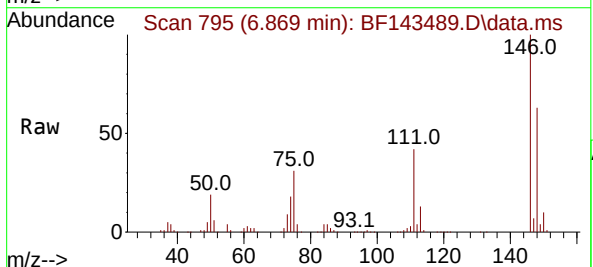
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

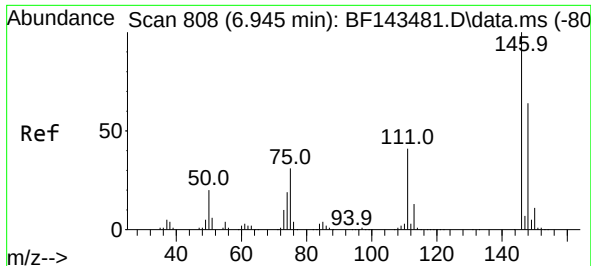
Tgt Ion: 93 Resp: 376321
Ion Ratio Lower Upper
93 100
63 83.4 63.6 103.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.232 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 146 Resp: 450136
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
75 31.0 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 47.068 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

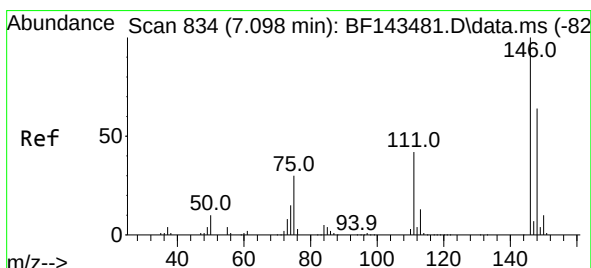
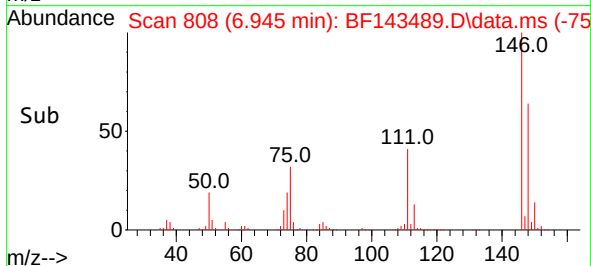
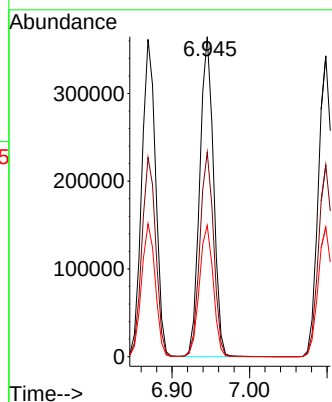
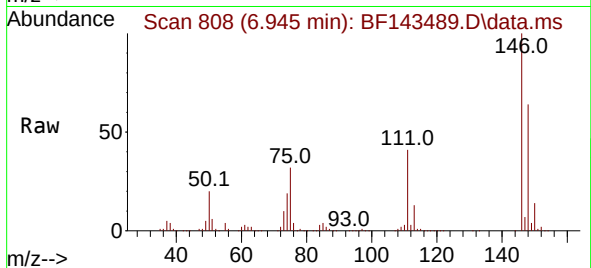
Tgt Ion:146 Resp: 449967

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 41.0 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 47.598 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

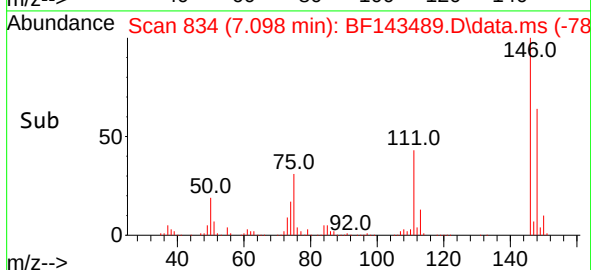
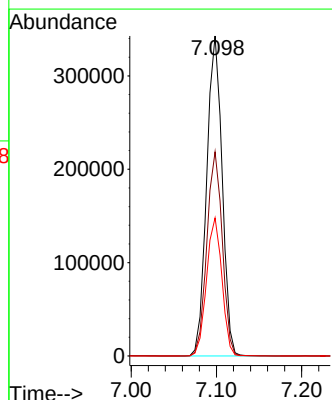
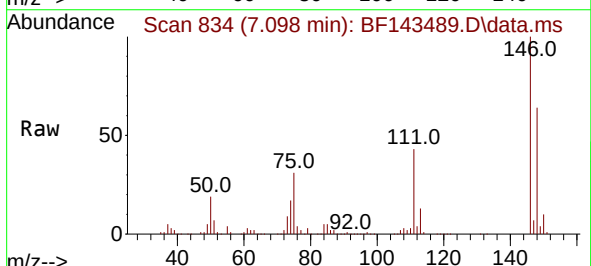
Tgt Ion:146 Resp: 430820

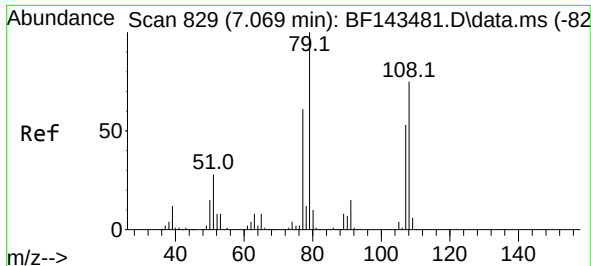
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.1 34.0 51.0

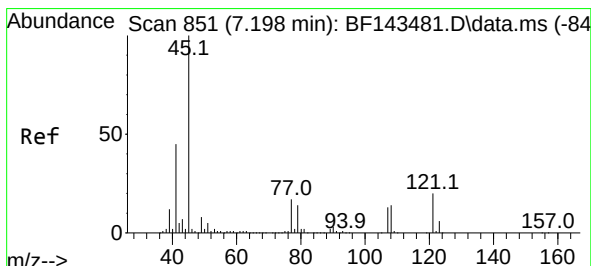
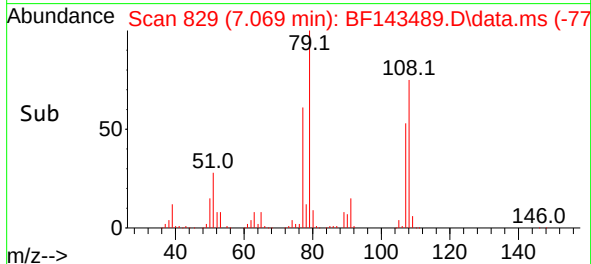
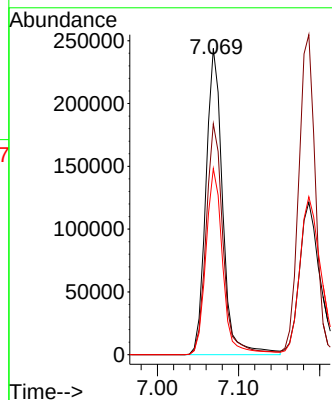
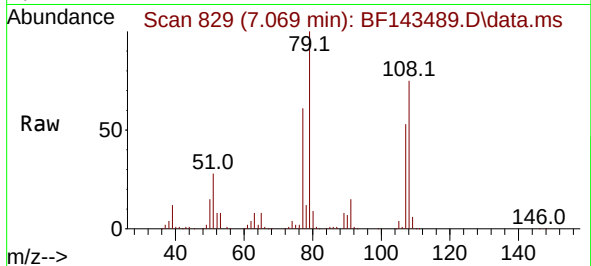




#15
Benzyl Alcohol
Concen: 49.187 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

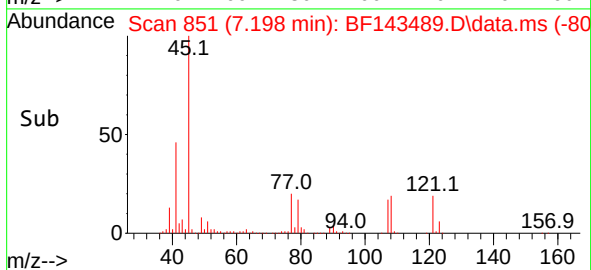
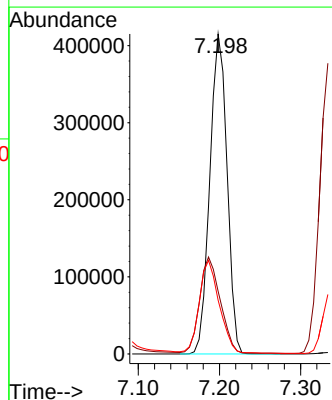
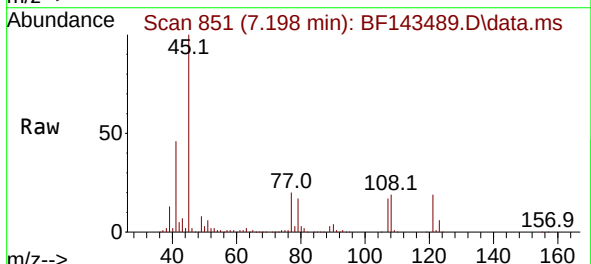
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

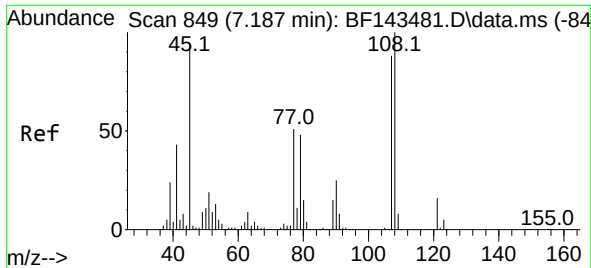
Tgt Ion: 79 Resp: 349102
Ion Ratio Lower Upper
79 100
108 75.4 59.8 89.6
77 60.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.765 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 45 Resp: 610573
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.9
79 16.8 0.0 34.7

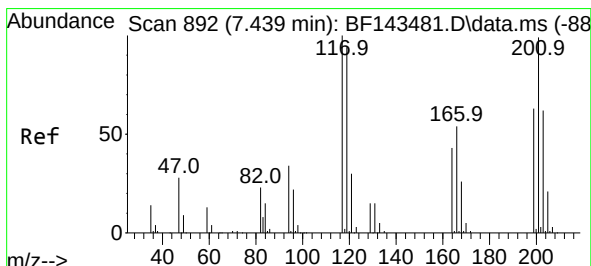
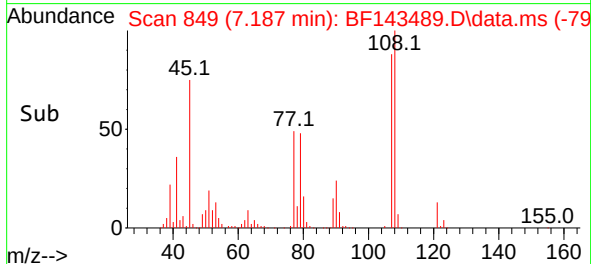
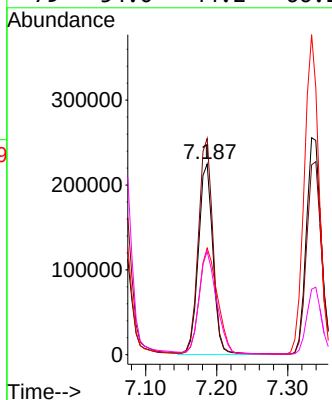
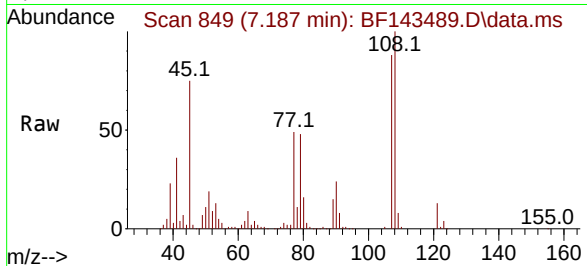




#17
2-Methylphenol
Concen: 47.151 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

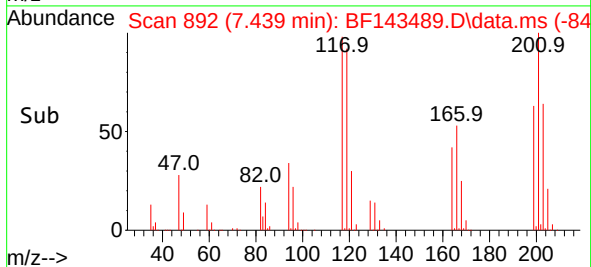
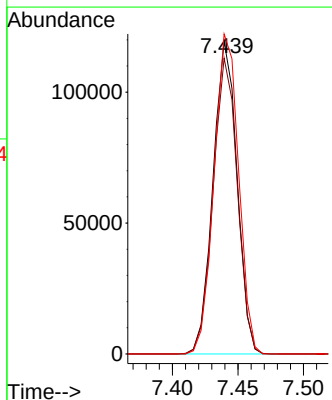
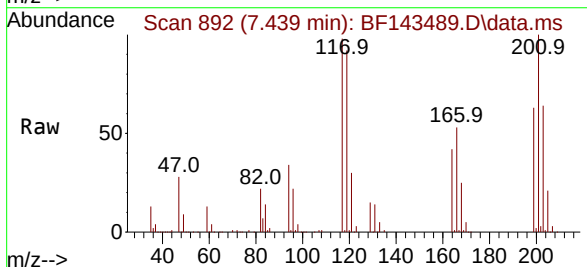
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

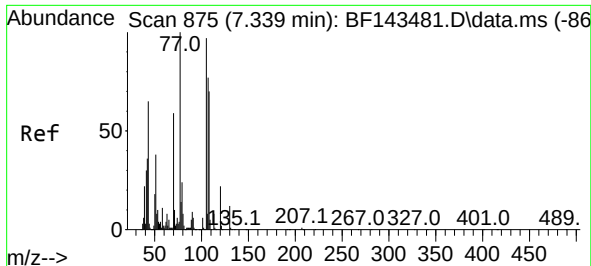
Tgt Ion:	107	Resp:	320988
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.1	136.7
77	55.9	46.2	69.4
79	54.0	44.2	66.2



#18
Hexachloroethane
Concen: 46.790 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:	117	Resp:	152082
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
201	102.4	79.0	118.4

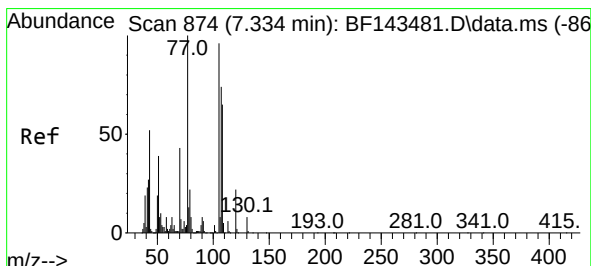
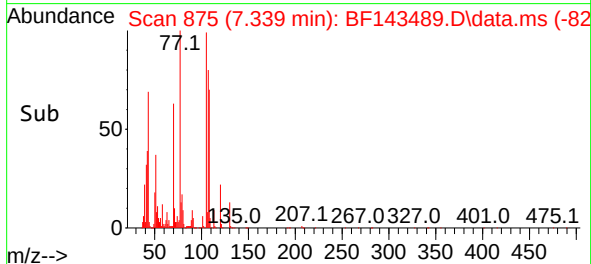
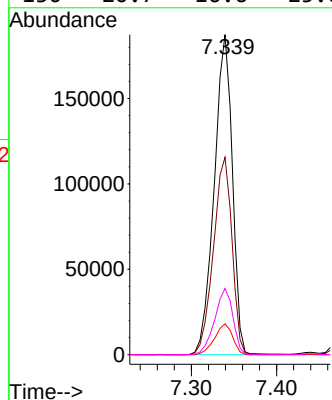
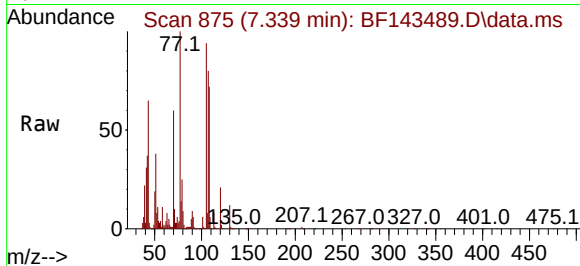




#19
n-Nitroso-di-n-propylamine
Concen: 47.817 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

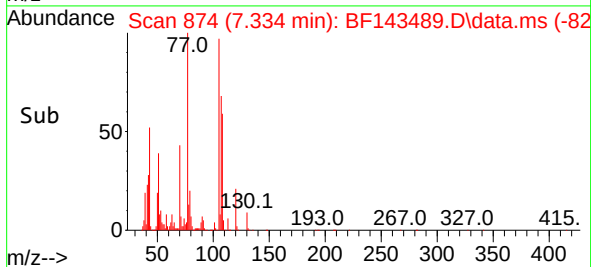
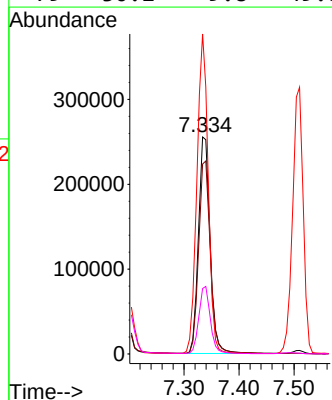
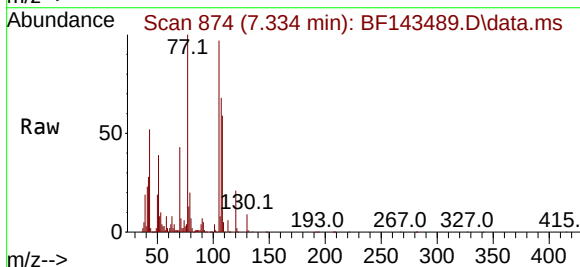
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

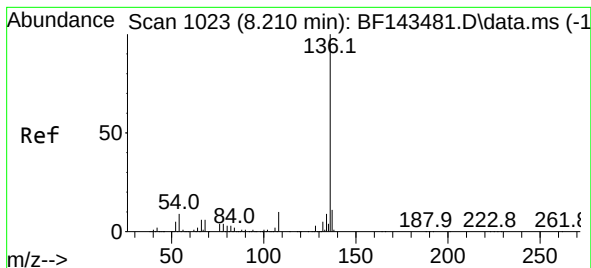
Tgt Ion: 70 Resp: 277063
Ion Ratio Lower Upper
70 100
42 61.7 49.3 73.9
101 9.6 7.8 11.8
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 46.323 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 107 Resp: 376455
Ion Ratio Lower Upper
107 100
108 87.5 68.4 108.4
77 147.5 116.1 156.1
79 30.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

Tgt Ion:136 Resp: 510372

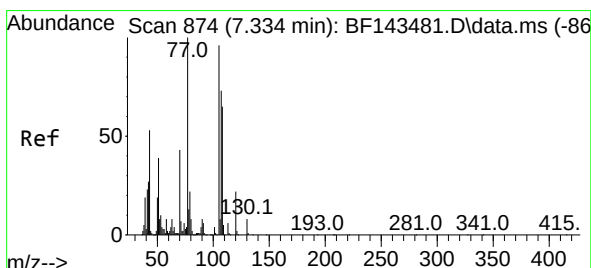
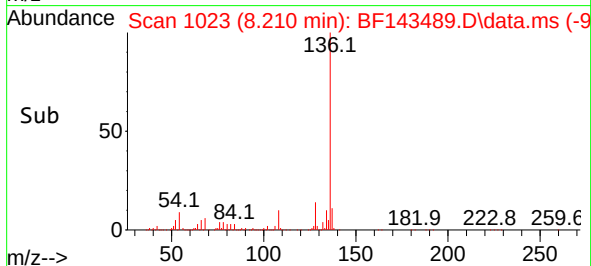
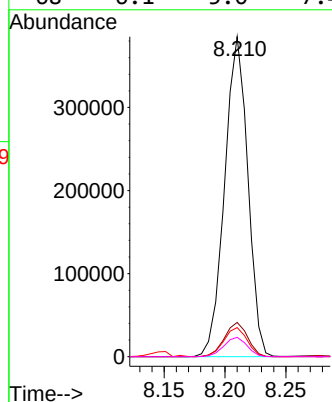
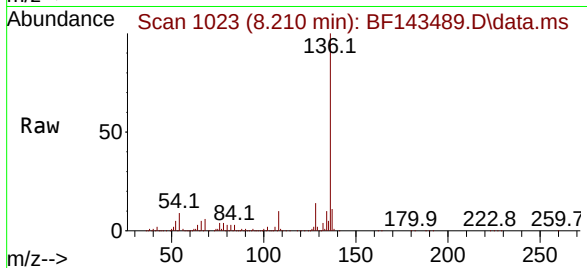
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 9.1 7.4 11.2

68 6.1 5.0 7.4



#22

Acetophenone

Concen: 46.964 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Tgt Ion:105 Resp: 517836

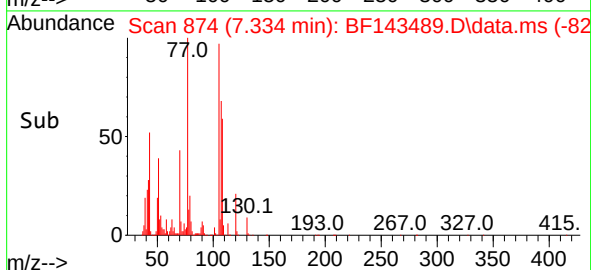
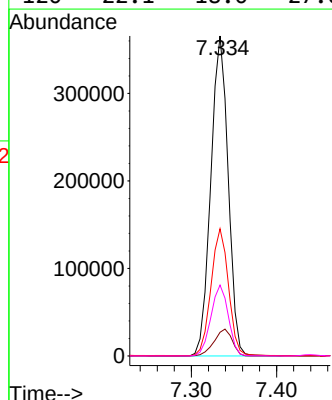
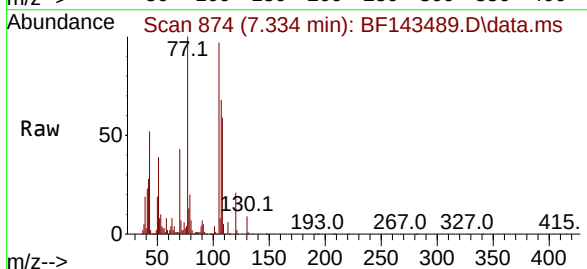
Ion Ratio Lower Upper

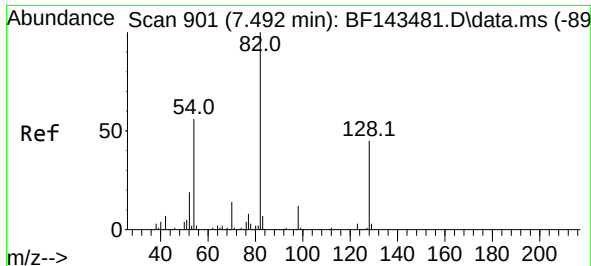
105 100

71 7.4 5.9 8.9

51 39.7 32.5 48.7

120 22.1 18.0 27.0

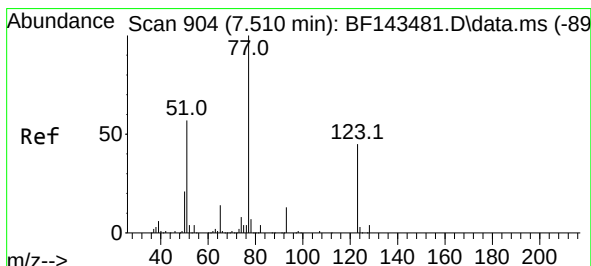
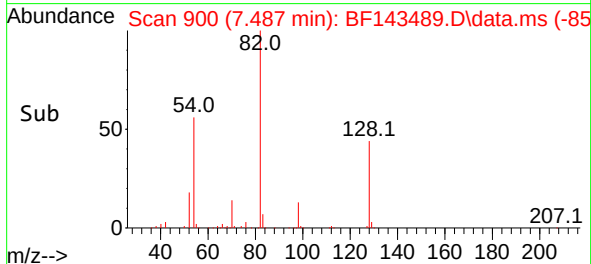
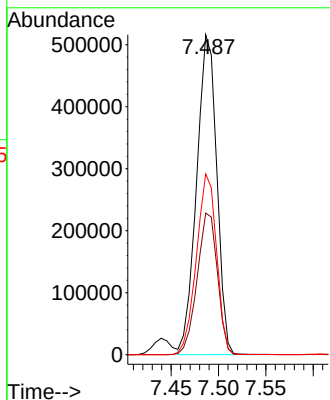
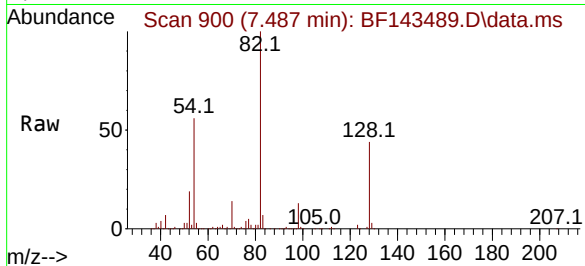




#23
Nitrobenzene-d5
Concen: 87.211 ng
RT: 7.487 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

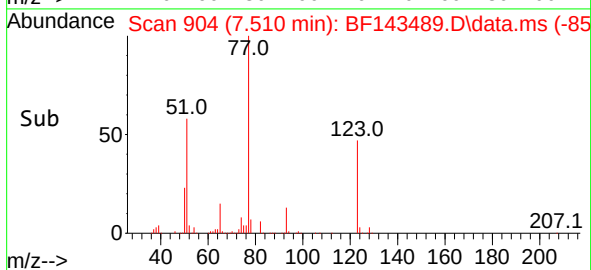
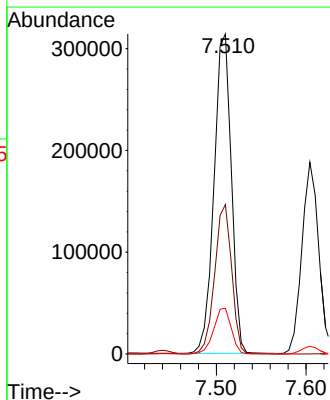
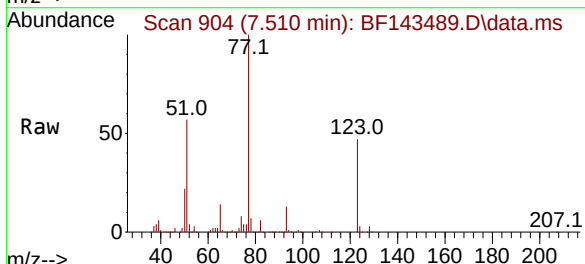
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

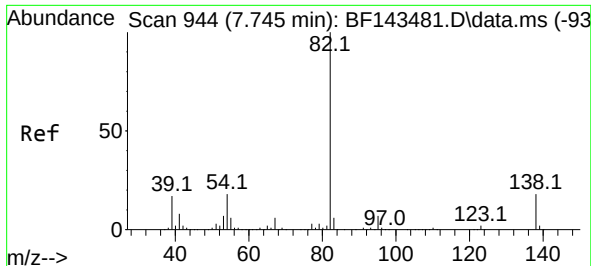
Tgt Ion: 82 Resp: 762747
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 56.5 44.3 66.5



#24
Nitrobenzene
Concen: 46.754 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 77 Resp: 420860
Ion Ratio Lower Upper
77 100
123 46.7 36.1 54.1
65 14.3 11.0 16.6

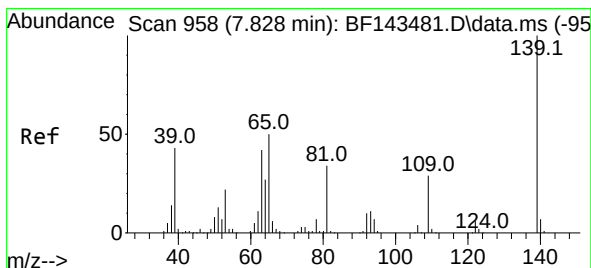
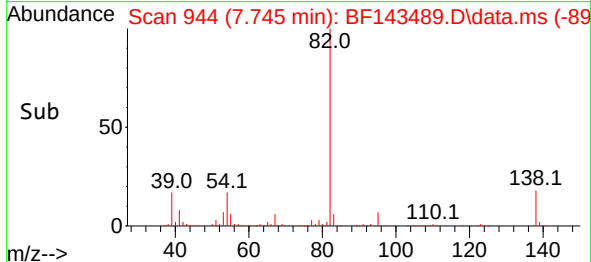
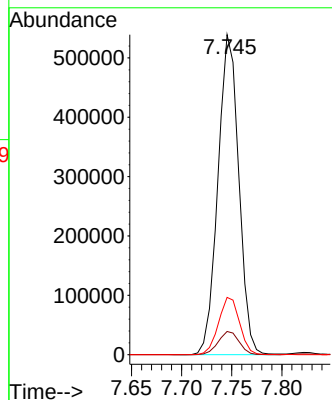
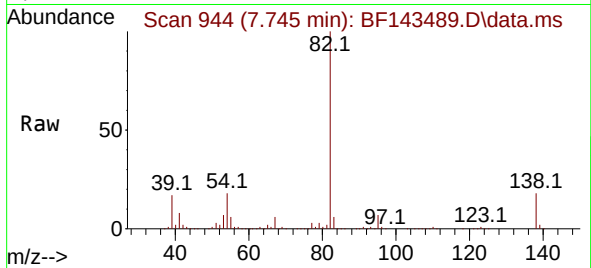




#25
Isophorone
Concen: 48.706 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

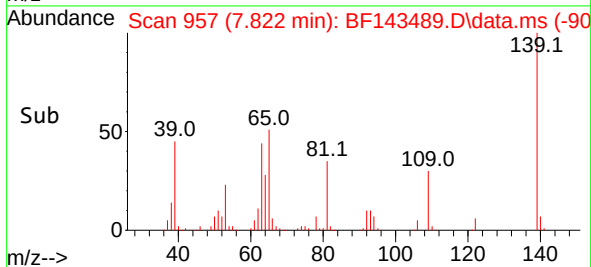
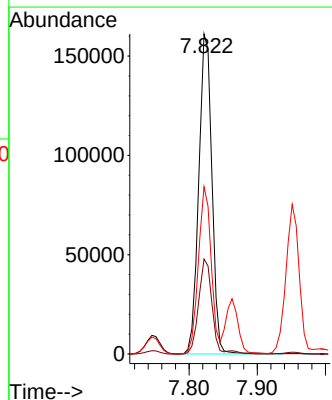
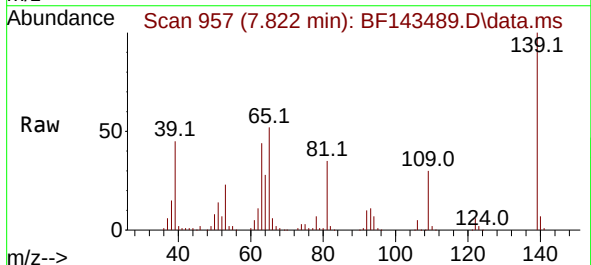
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

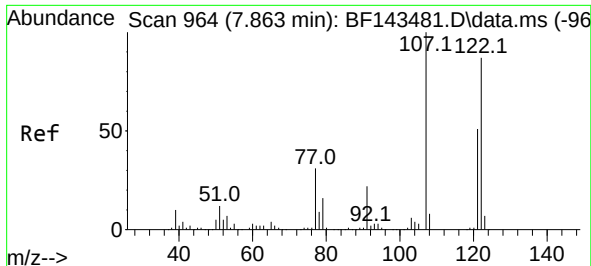
Tgt Ion: 82 Resp: 780874
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.9 14.2 21.4



#26
2-Nitrophenol
Concen: 48.857 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:139 Resp: 215430
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.6
65 52.3 40.3 60.5

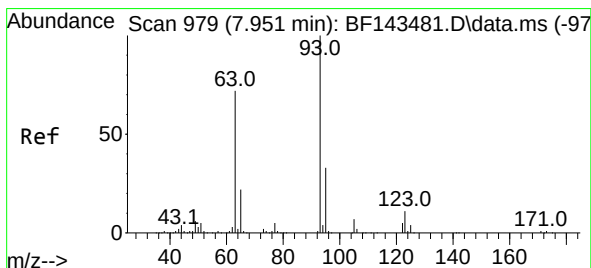
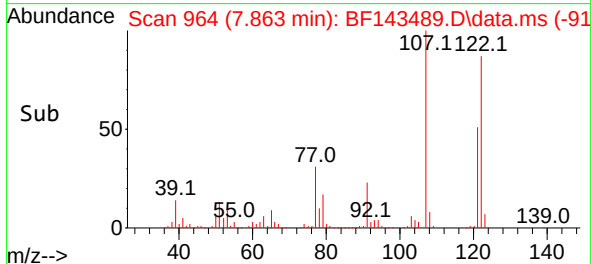
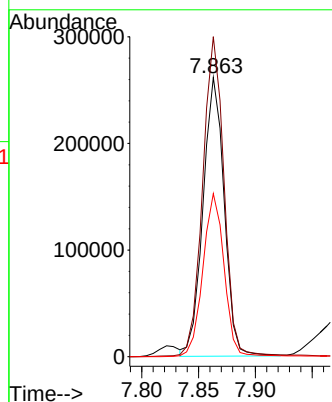
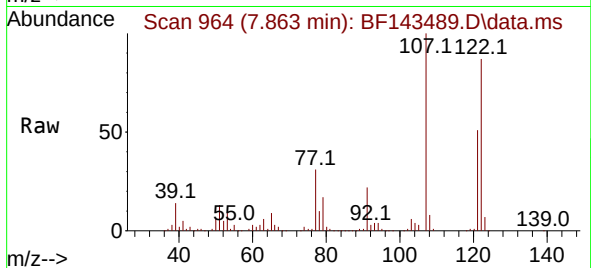




#27
2,4-Dimethylphenol
Concen: 49.375 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

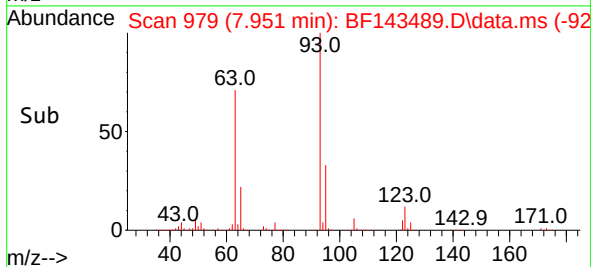
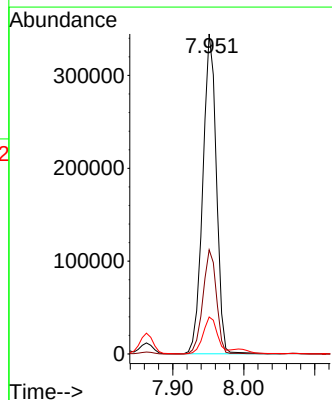
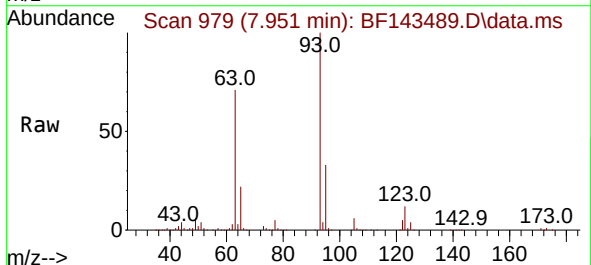
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

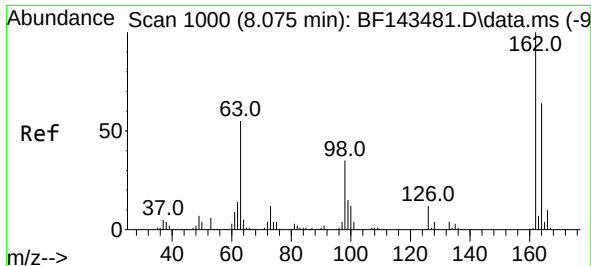
Tgt Ion:122 Resp: 339385
Ion Ratio Lower Upper
122 100
107 114.6 91.5 137.3
121 58.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.615 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 93 Resp: 459281
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.257 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

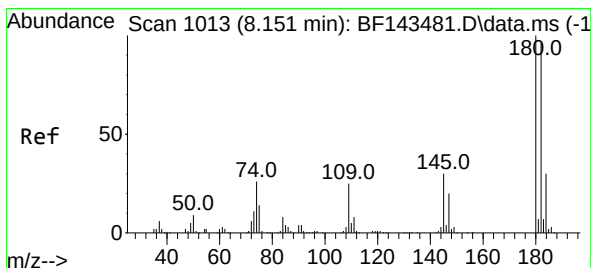
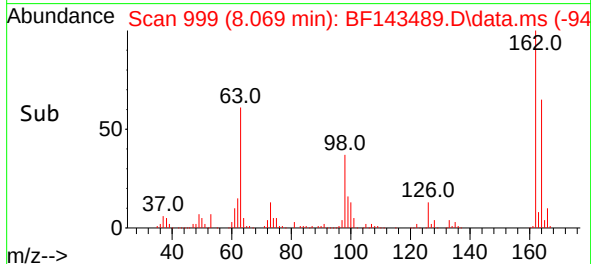
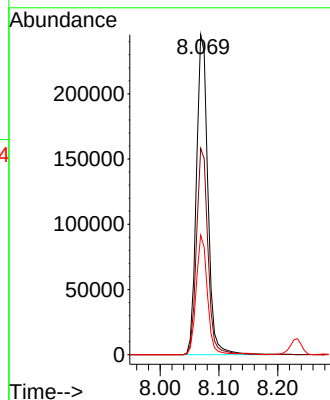
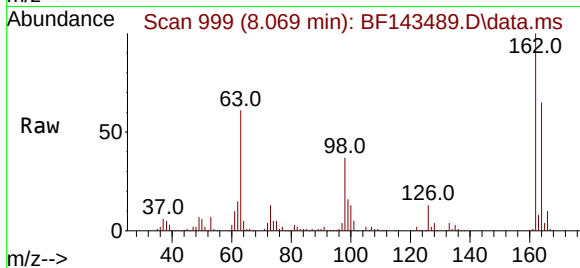
Tgt Ion:162 Resp: 332236

Ion Ratio Lower Upper

162 100

164 64.5 43.5 83.5

98 37.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 48.021 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

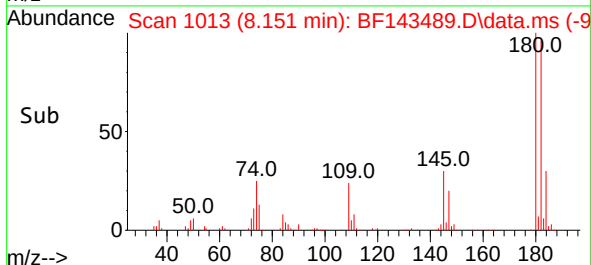
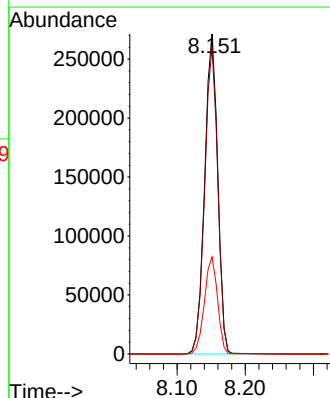
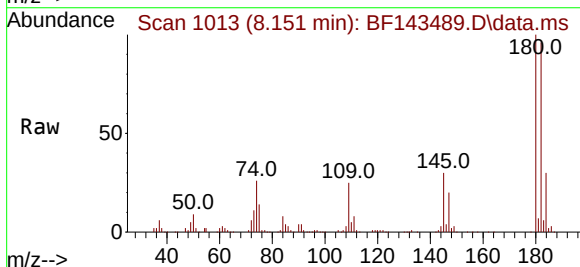
Tgt Ion:180 Resp: 362445

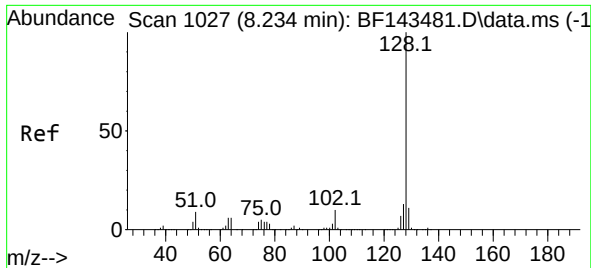
Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

145 30.3 24.3 36.5

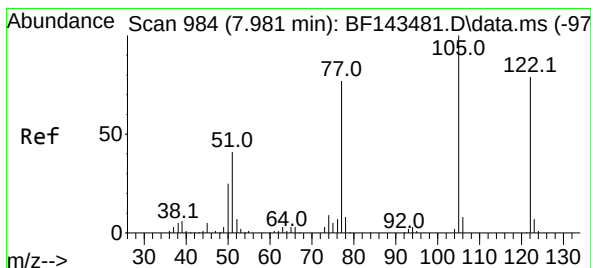
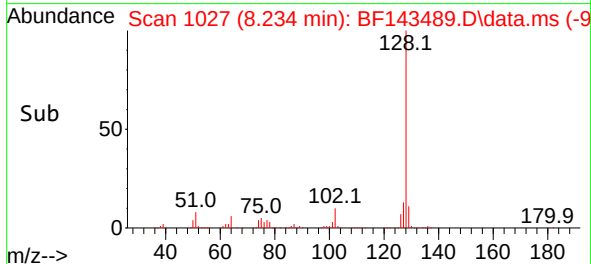
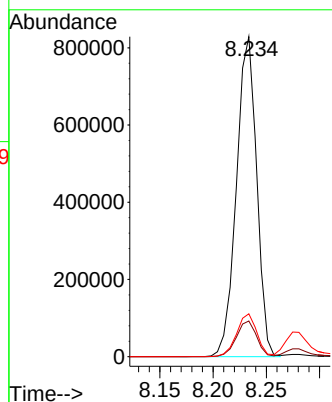
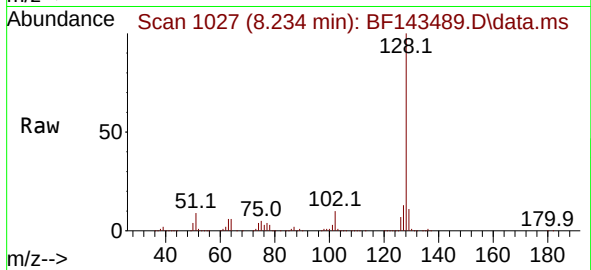




#31
Naphthalene
Concen: 44.842 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

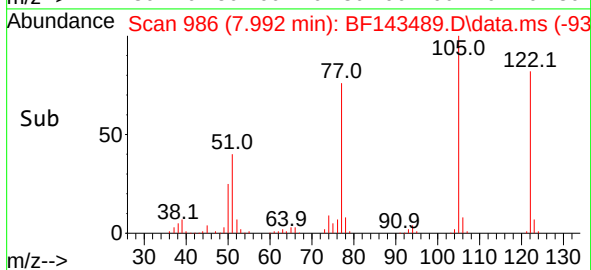
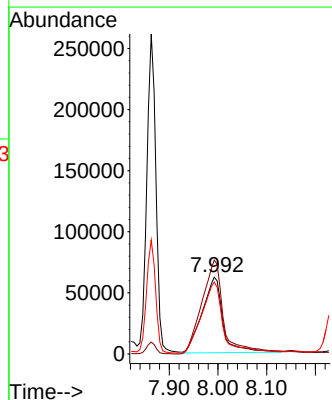
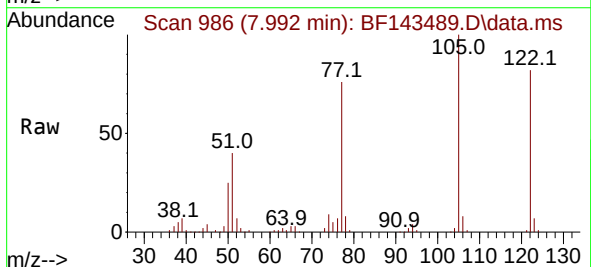
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

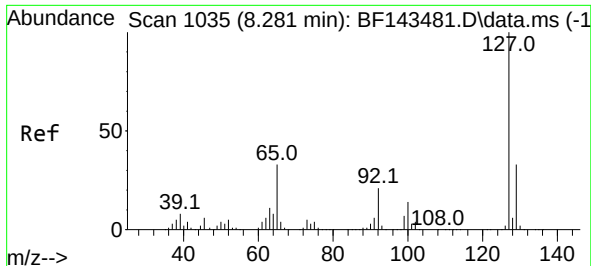
Tgt Ion:128 Resp: 1098754
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 47.230 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:122 Resp: 184125
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 93.5 77.3 117.3

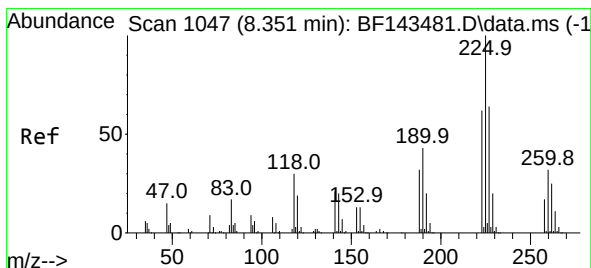
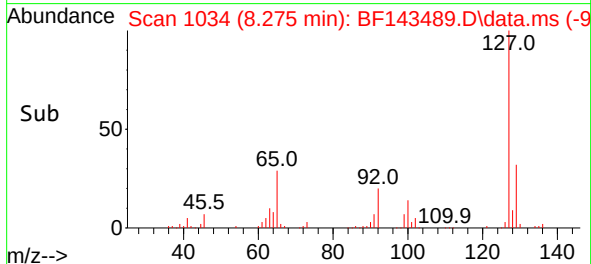
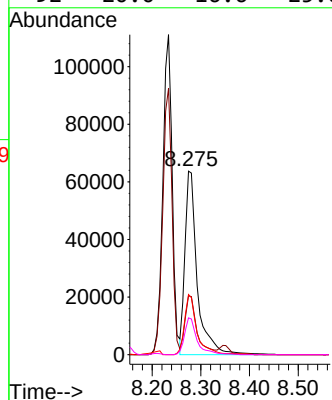
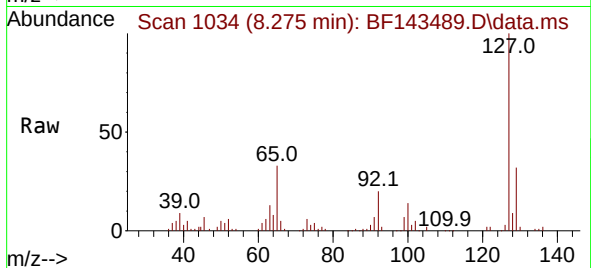




#33
4-Chloroaniline
Concen: 12.885 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

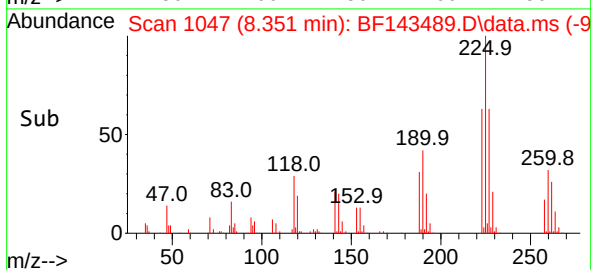
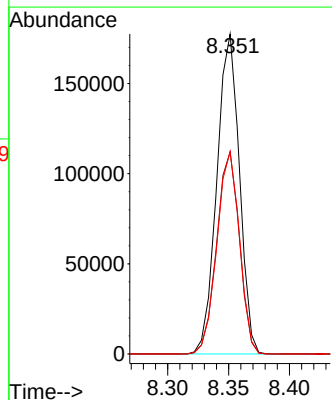
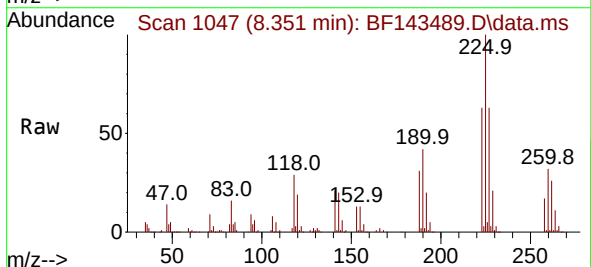
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

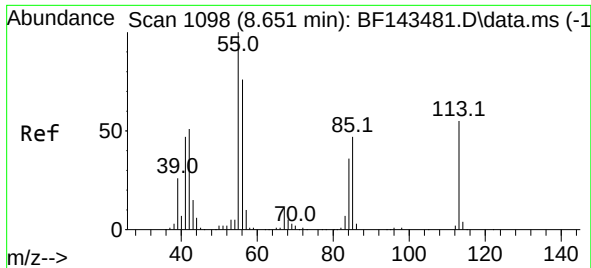
Tgt Ion:	127	Resp:	112061
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	32.8	26.2	39.2
92	20.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.451 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:	225	Resp:	228735
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.2	50.9	76.3

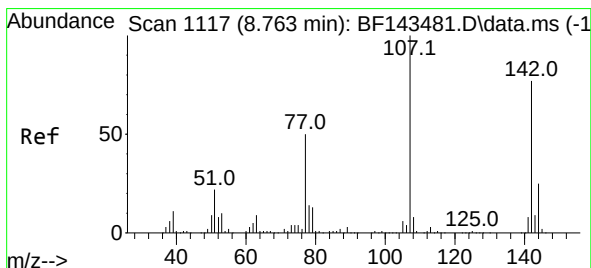
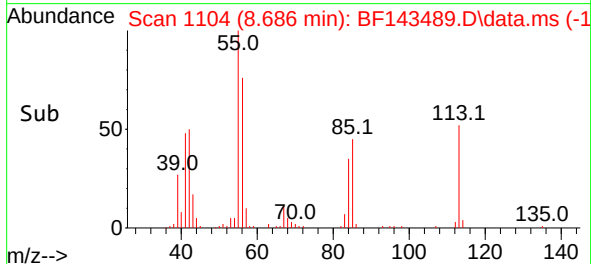
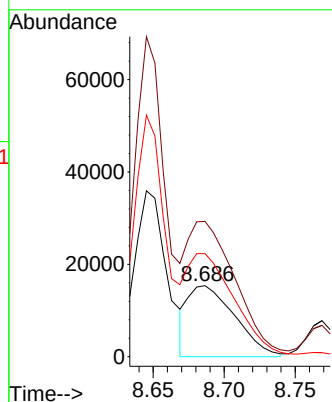
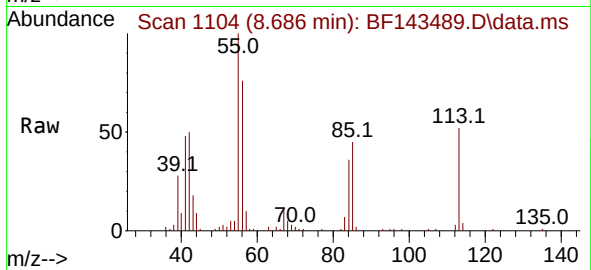




#35
Caprolactam
Concen: 20.069 ng
RT: 8.686 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

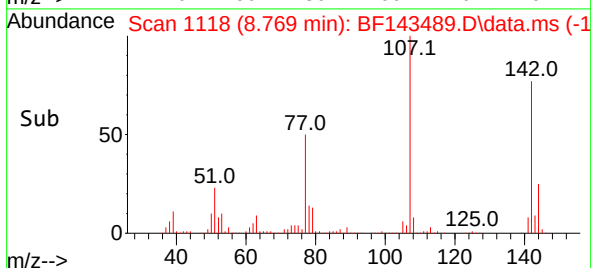
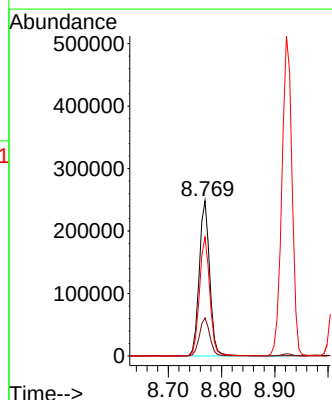
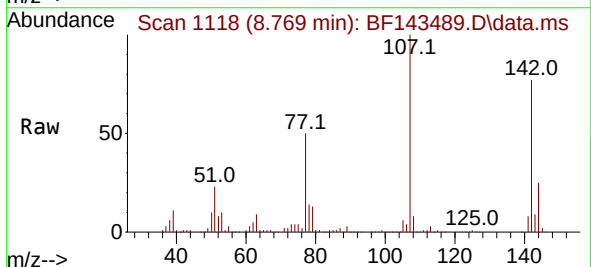
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

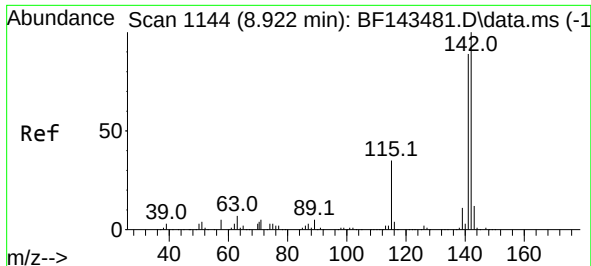
Tgt Ion:113 Resp: 35352
Ion Ratio Lower Upper
113 100
55 190.5 162.8 202.8
56 145.1 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 46.145 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:107 Resp: 339481
Ion Ratio Lower Upper
107 100
144 24.5 19.9 29.9
142 76.7 61.8 92.8





#37

2-Methylnaphthalene

Concen: 41.162 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

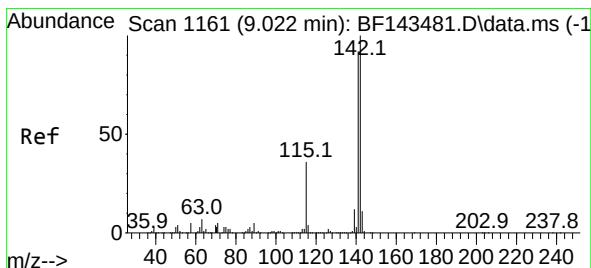
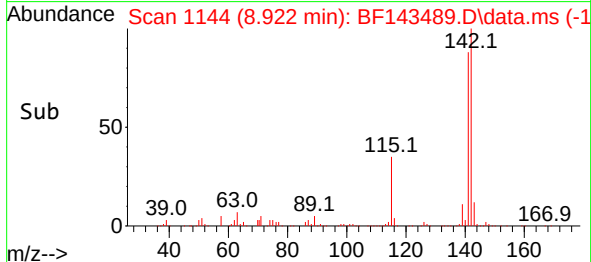
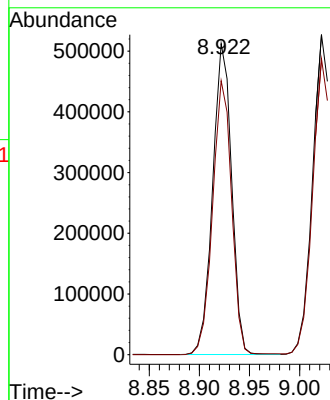
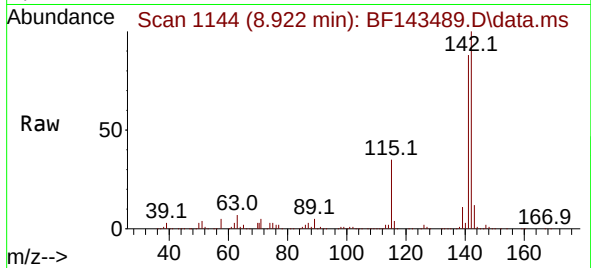
PB169313BSD

Tgt Ion:142 Resp: 673616

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 43.887 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF143489.D

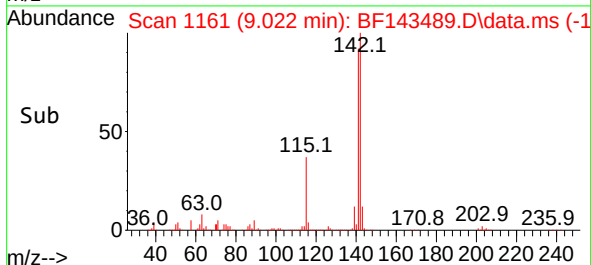
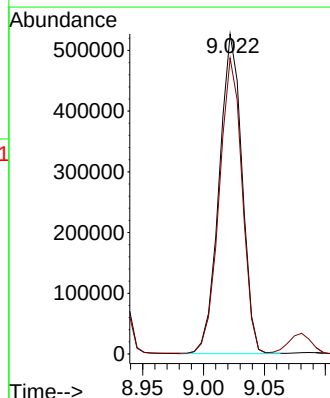
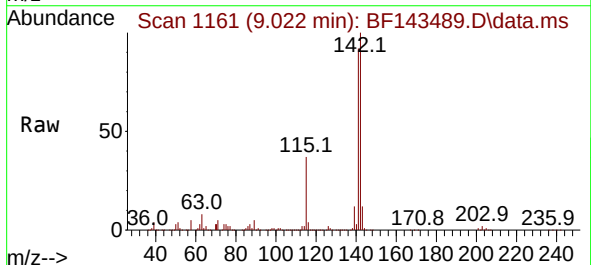
Acq: 20 Aug 2025 17:13

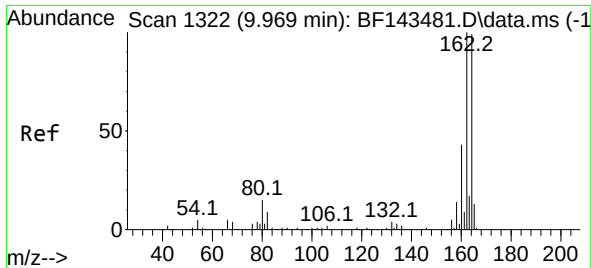
Tgt Ion:142 Resp: 687011

Ion Ratio Lower Upper

142 100

141 92.5 73.3 109.9

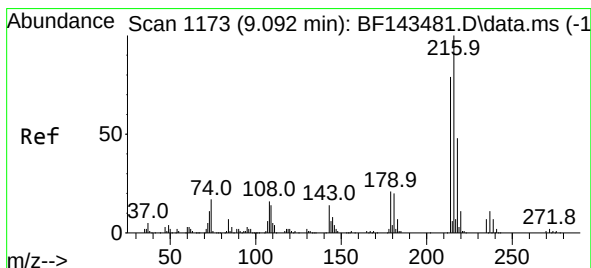
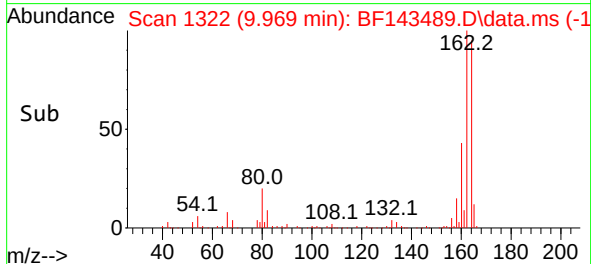
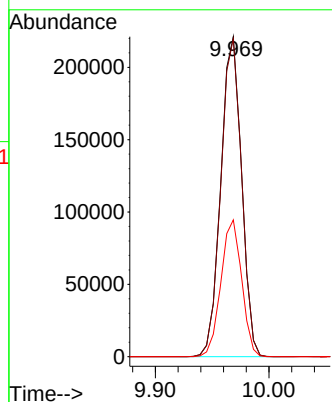
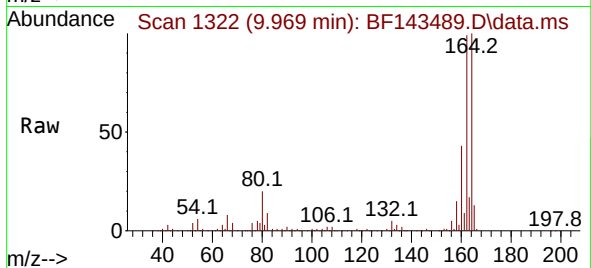




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

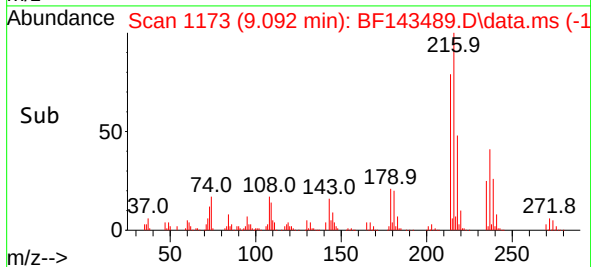
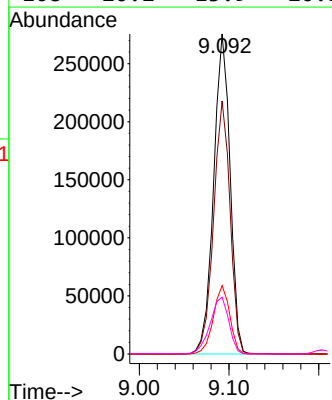
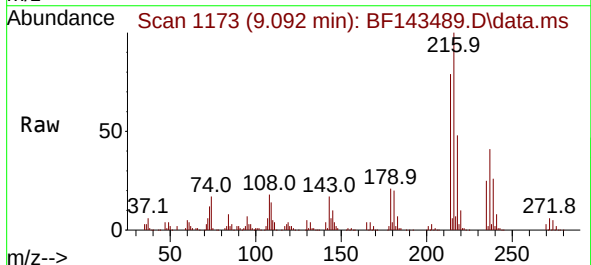
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

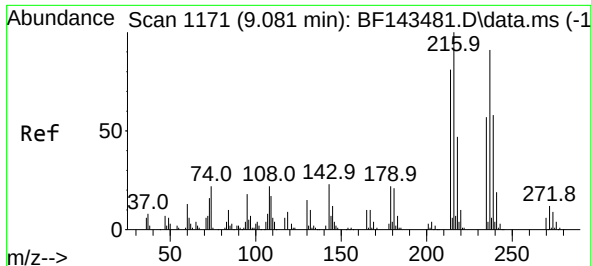
Tgt Ion:164 Resp: 281230
Ion Ratio Lower Upper
164 100
162 99.3 80.5 120.7
160 42.8 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.584 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

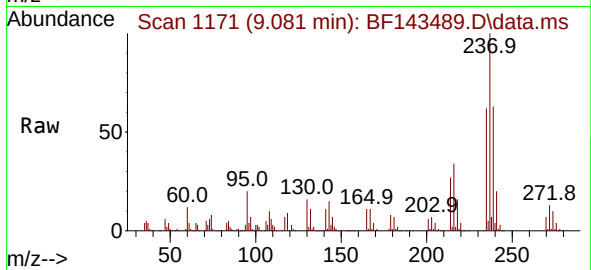
Tgt Ion:216 Resp: 350599
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 21.3 16.5 24.7
108 20.2 13.9 20.9



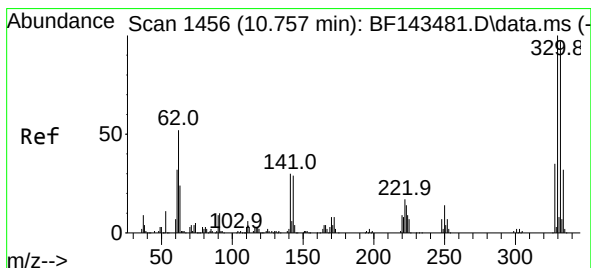
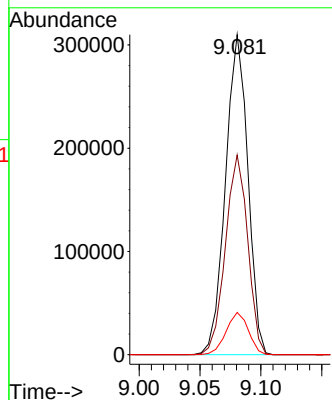
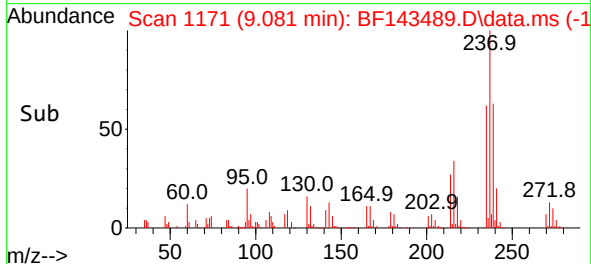


#41
Hexachlorocyclopentadiene
Concen: 123.098 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

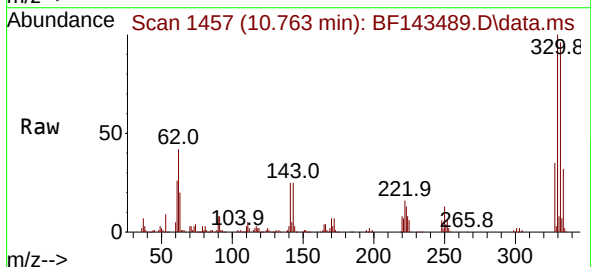
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



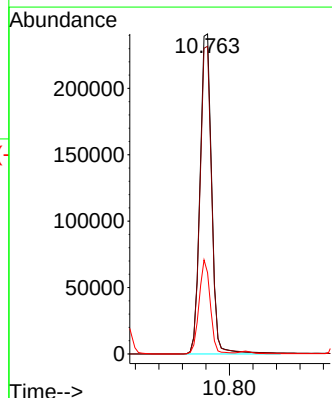
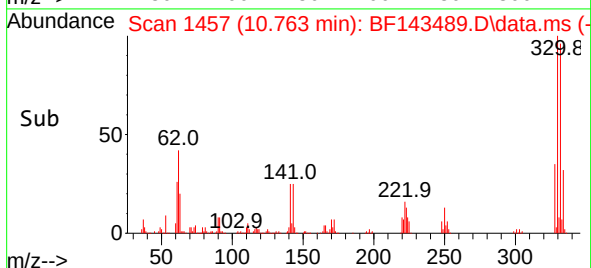
Tgt Ion:237 Resp: 396561
Ion Ratio Lower Upper
237 100
235 62.4 42.6 82.6
272 13.2 0.0 33.4

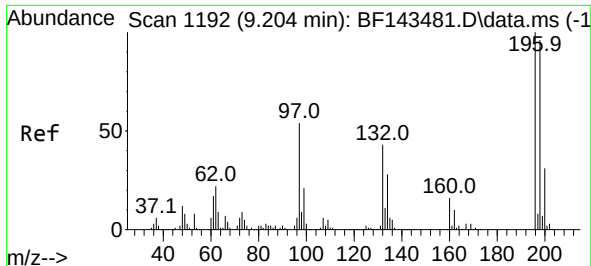


#42
2,4,6-Tribromophenol
Concen: 126.594 ng
RT: 10.763 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:330 Resp: 331402
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 28.3 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 45.696 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

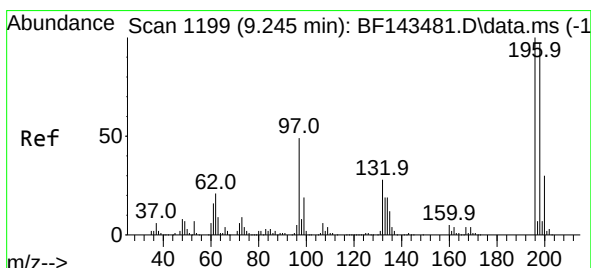
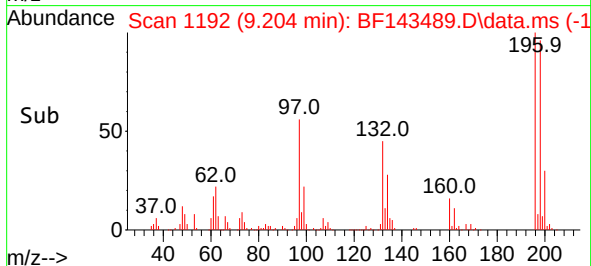
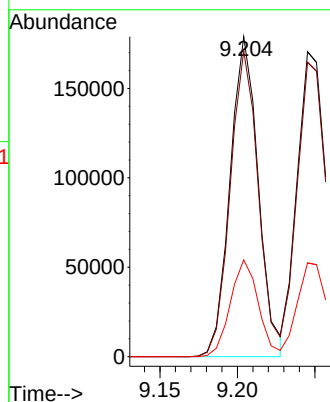
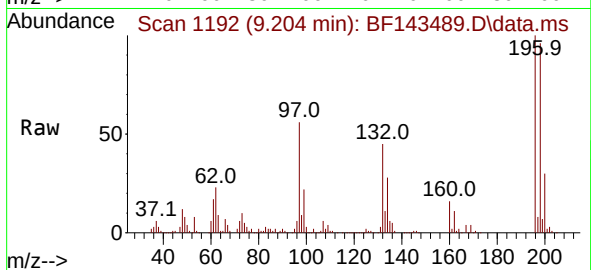
Tgt Ion:196 Resp: 226186

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.985 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Tgt Ion:196 Resp: 237819

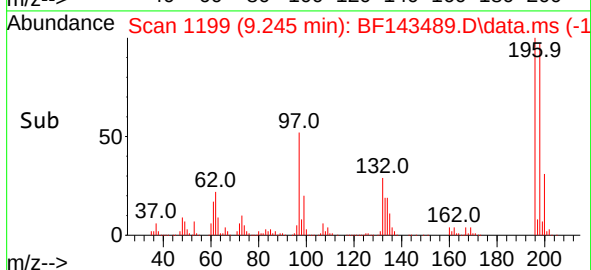
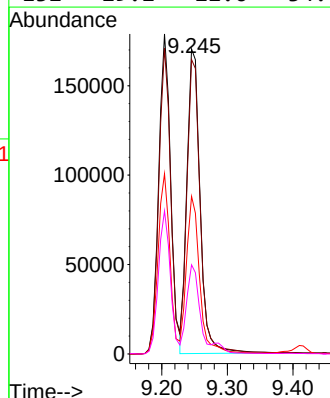
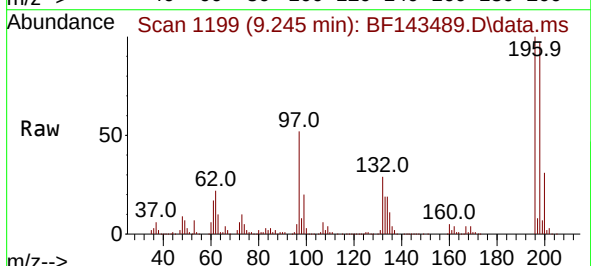
Ion Ratio Lower Upper

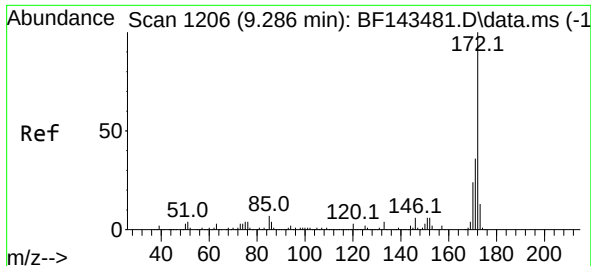
196 100

198 96.5 77.3 115.9

97 51.7 40.0 60.0

132 29.2 22.6 34.0

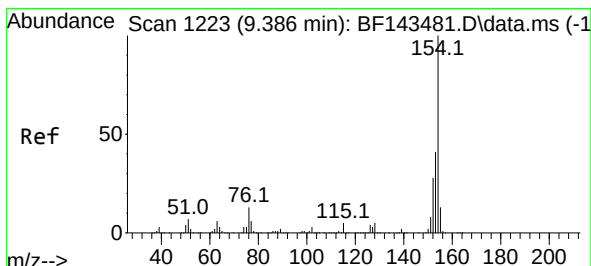
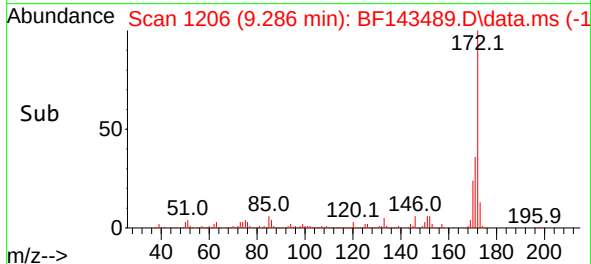
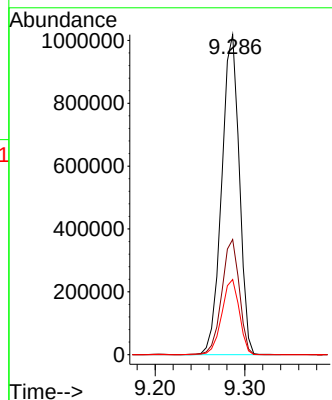
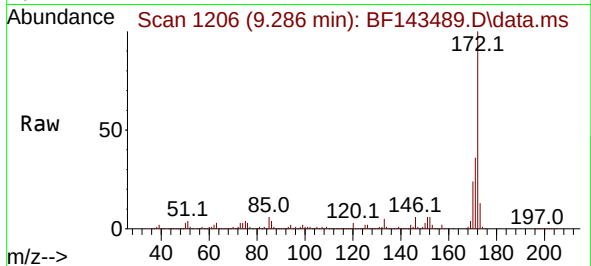




#45
2-Fluorobiphenyl
Concen: 81.403 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

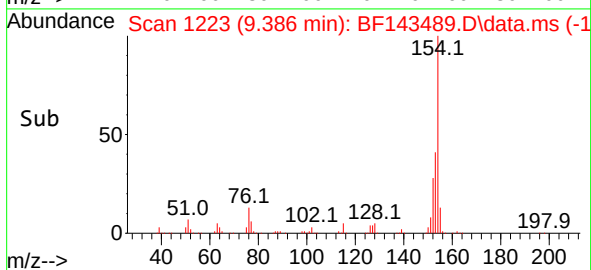
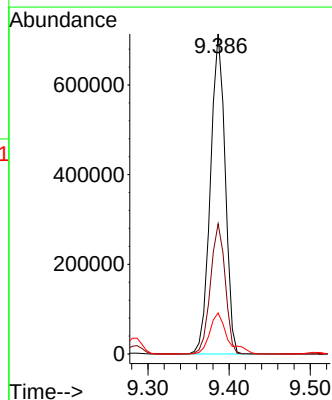
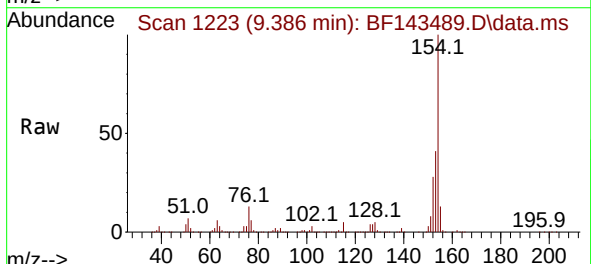
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

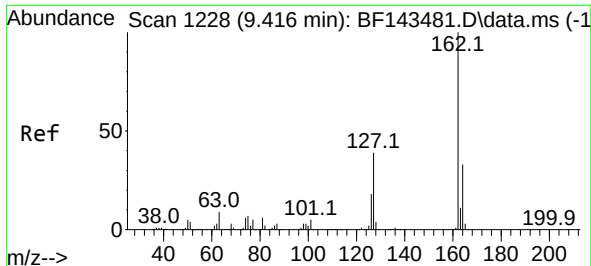
Tgt Ion:172 Resp: 1385209
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.948 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:154 Resp: 897223
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 44.358 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

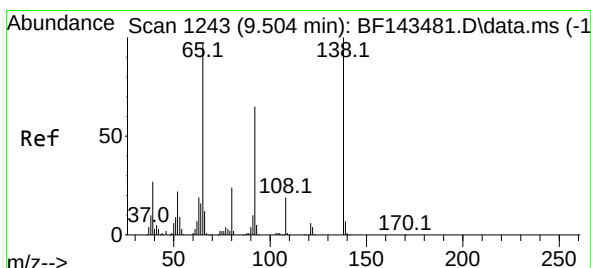
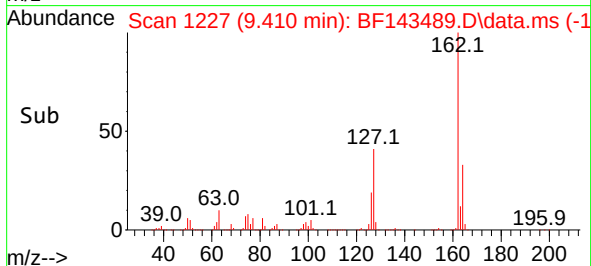
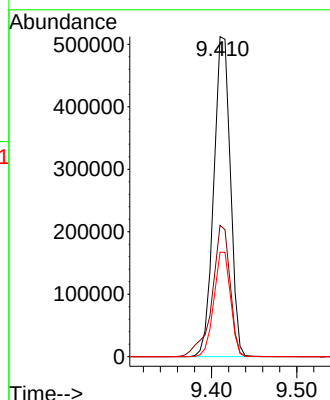
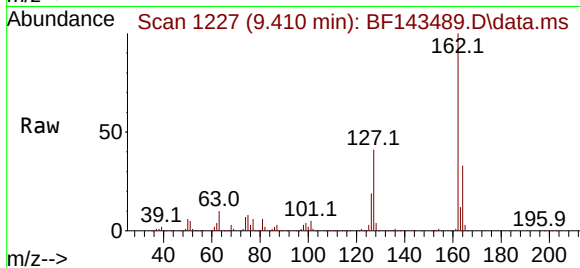
Tgt Ion:162 Resp: 694733

Ion Ratio Lower Upper

162 100

127 41.0 31.8 47.6

164 32.6 26.4 39.6



#48

2-Nitroaniline

Concen: 47.469 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

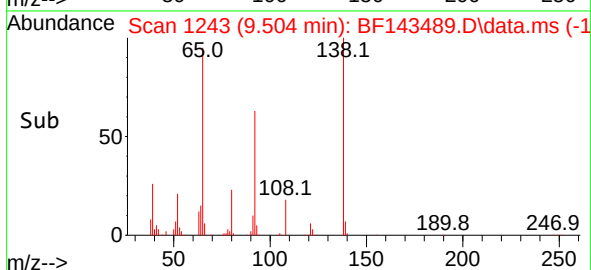
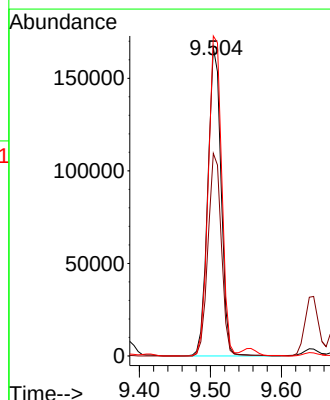
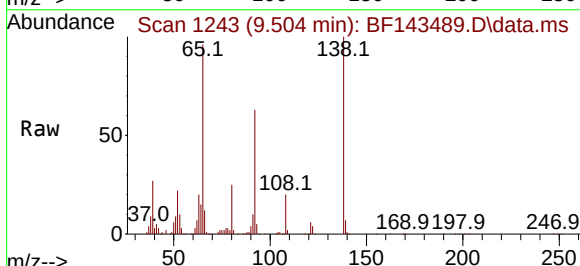
Tgt Ion: 65 Resp: 217580

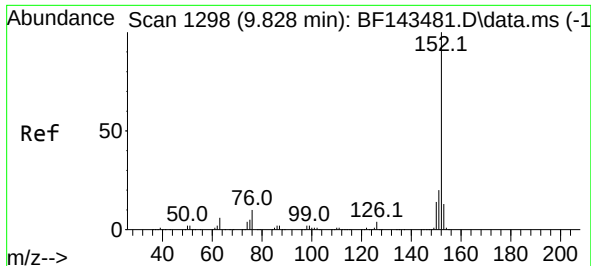
Ion Ratio Lower Upper

65 100

92 65.7 53.8 80.6

138 103.8 82.4 123.6

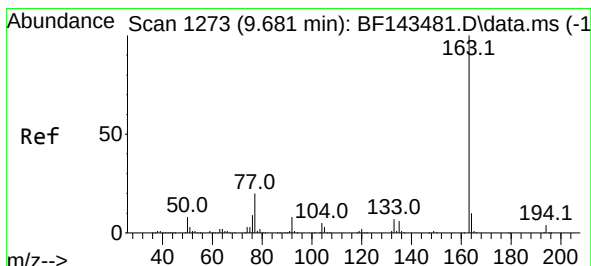
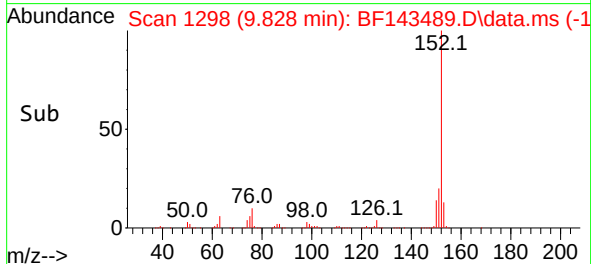
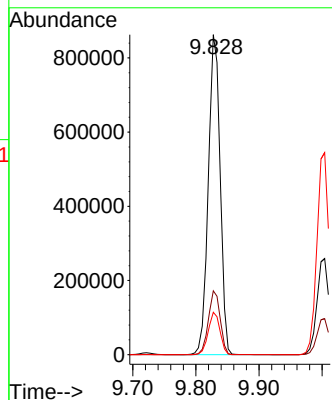
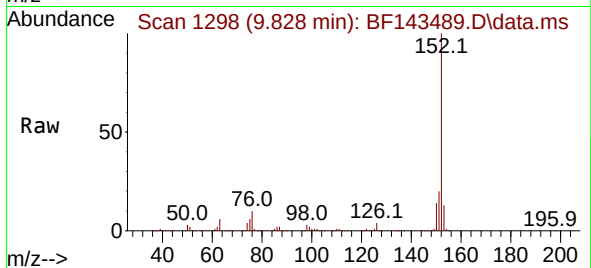




#49
Acenaphthylene
Concen: 50.014 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

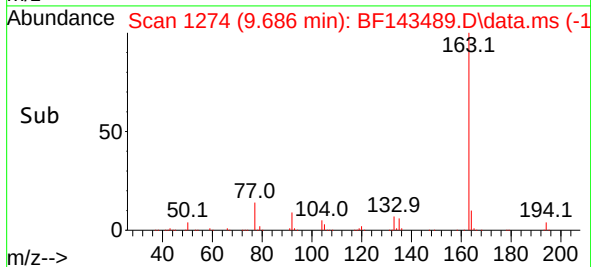
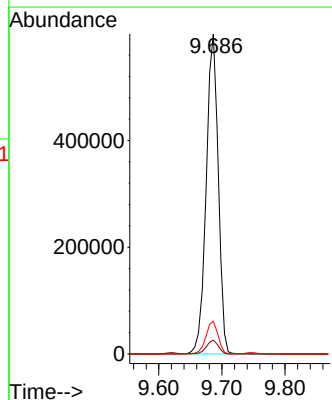
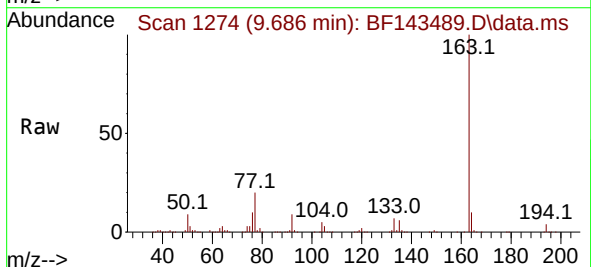
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

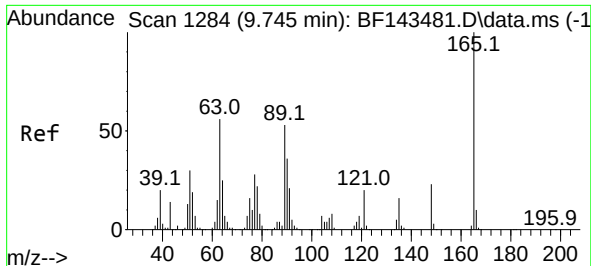
Tgt Ion:152 Resp: 1121586
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 47.032 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:163 Resp: 796613
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.2

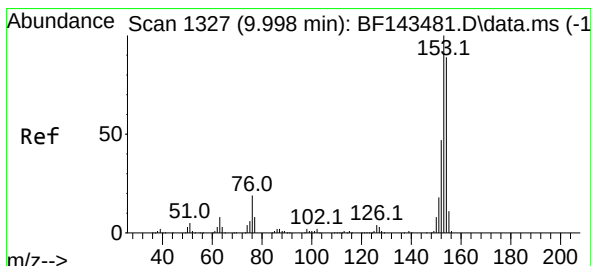
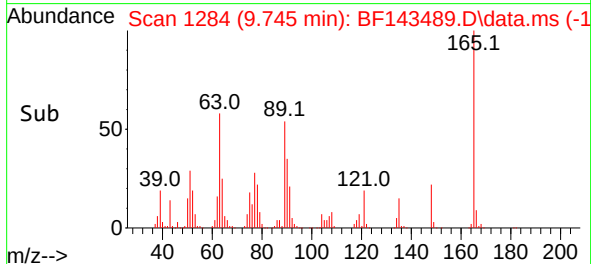
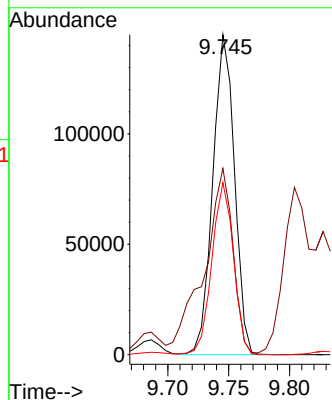
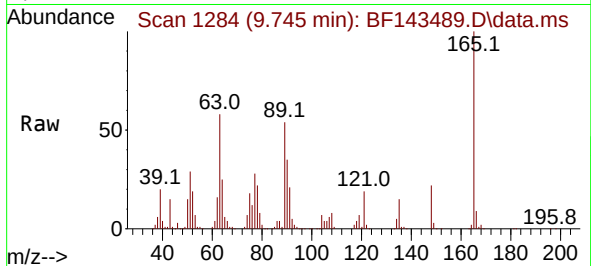




#51
2,6-Dinitrotoluene
Concen: 51.211 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

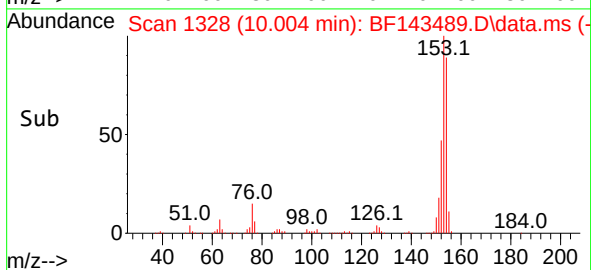
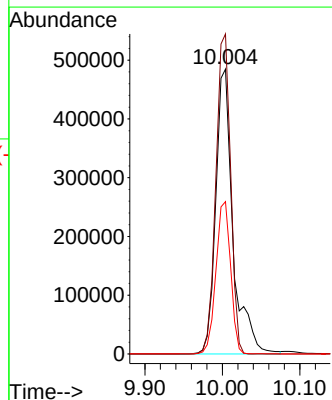
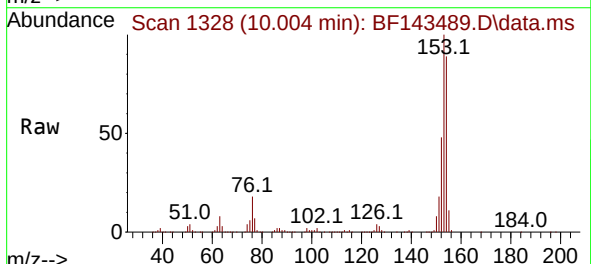
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

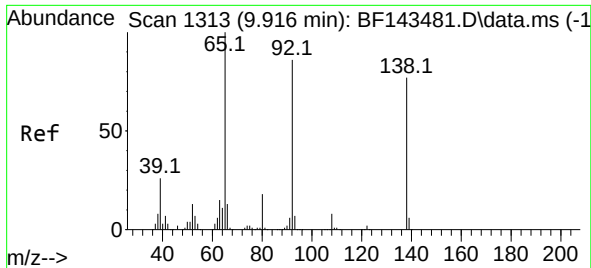
Tgt Ion:165 Resp: 179774
Ion Ratio Lower Upper
165 100
63 58.2 45.0 67.6
89 53.8 42.5 63.7



#52
Acenaphthene
Concen: 49.339 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:154 Resp: 751245
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 53.5 42.5 63.7

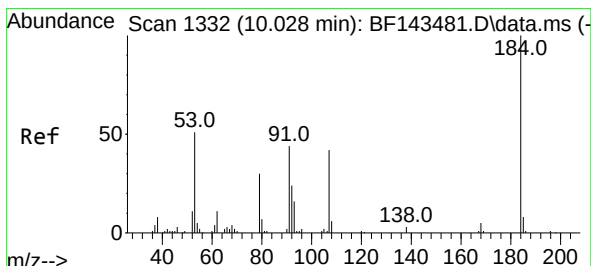
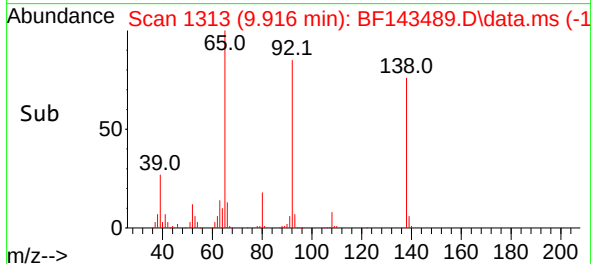
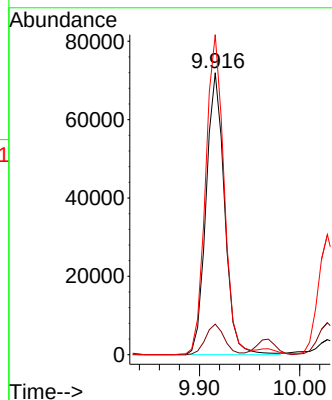
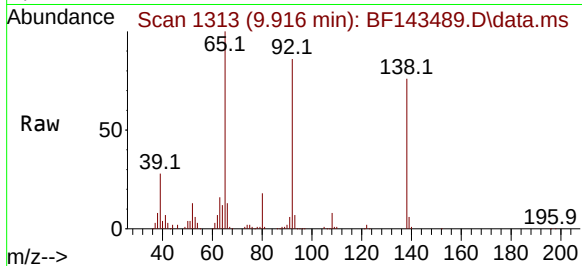




#53
3-Nitroaniline
Concen: 24.276 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

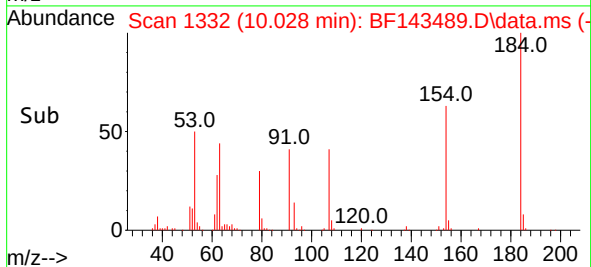
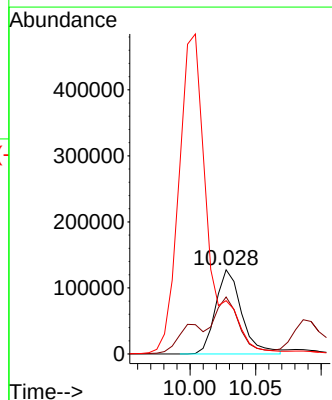
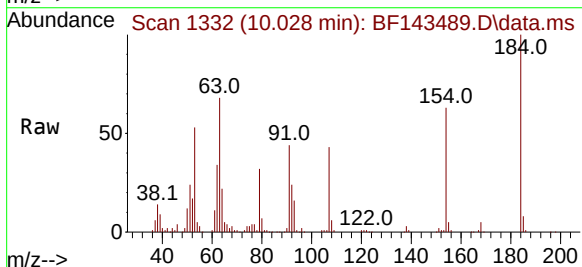
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

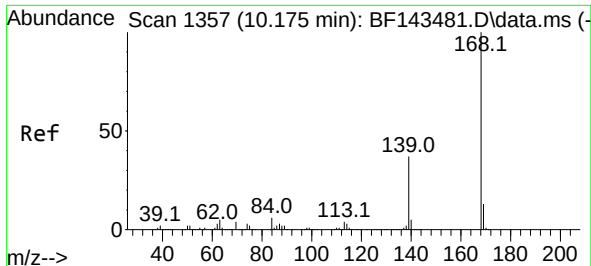
Tgt Ion:138 Resp: 92083
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 113.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 92.970 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:184 Resp: 176260
Ion Ratio Lower Upper
184 100
63 67.7 52.6 78.8
154 63.4 51.0 76.4

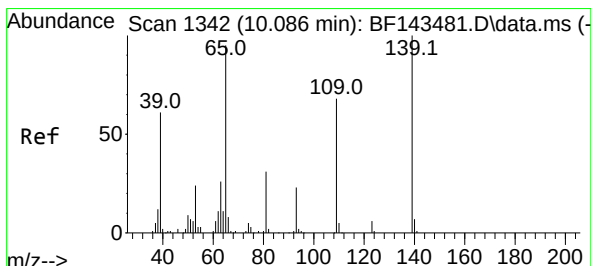
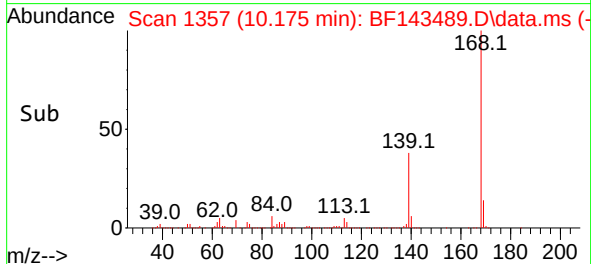
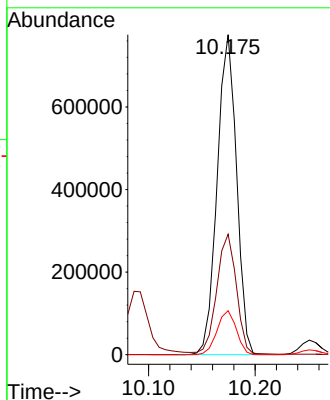
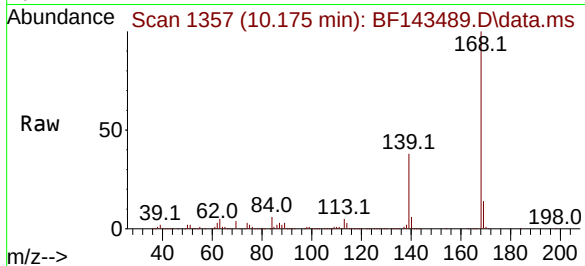




#55
Dibenzofuran
Concen: 44.937 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

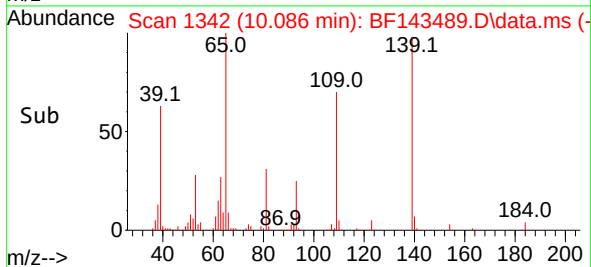
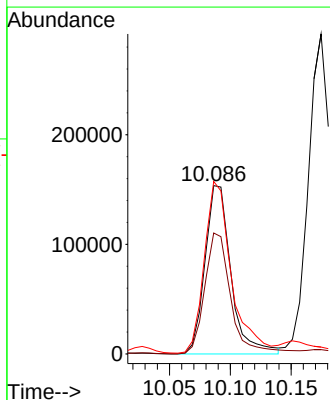
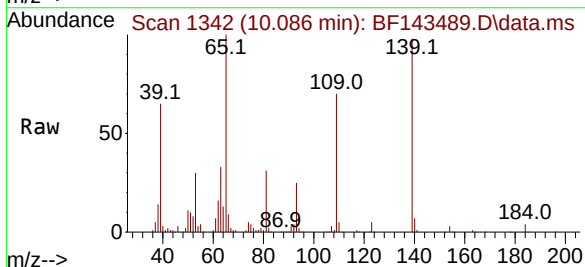
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

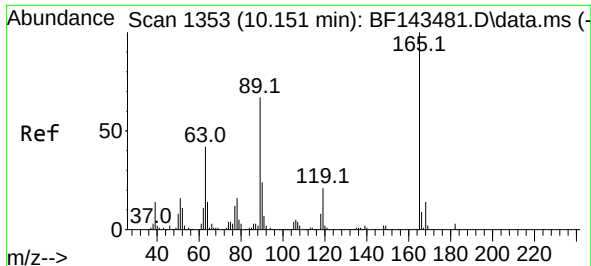
Tgt Ion:168 Resp: 975498
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 101.045 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:139 Resp: 228057
Ion Ratio Lower Upper
139 100
109 71.9 48.2 88.2
65 102.5 75.8 115.8

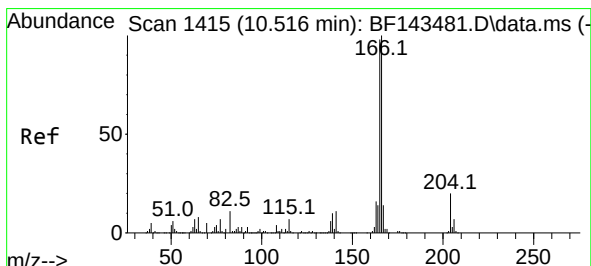
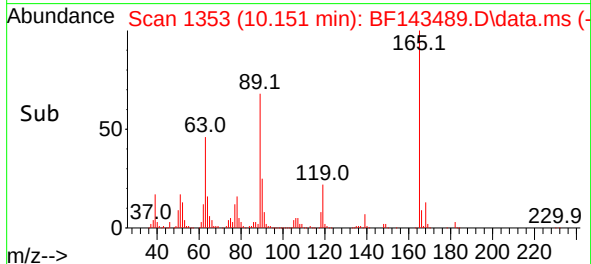
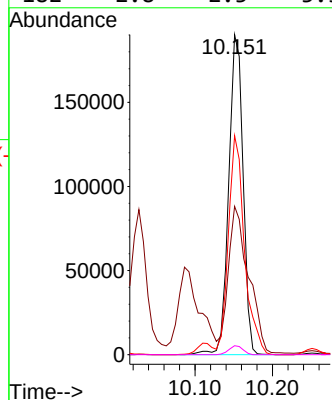
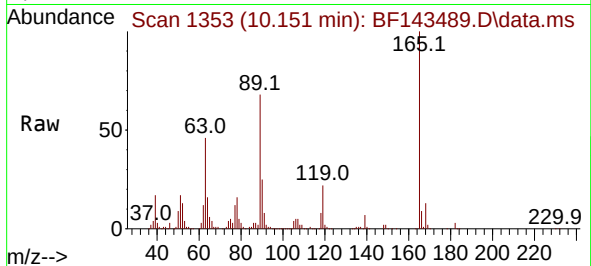




#57
2,4-Dinitrotoluene
Concen: 52.282 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

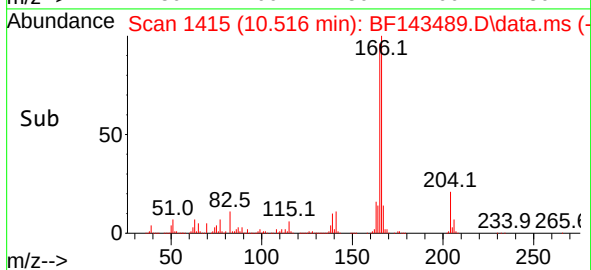
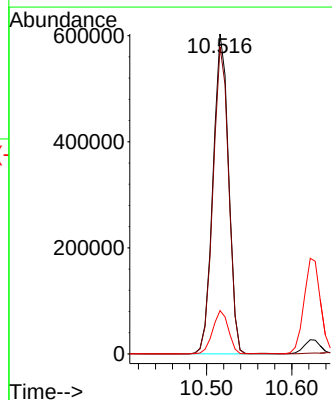
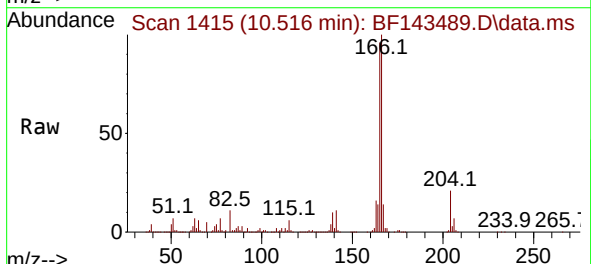
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

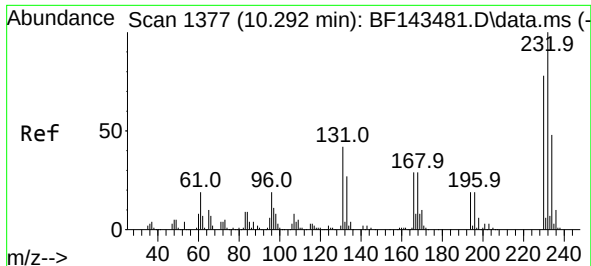
Tgt Ion:165 Resp: 245063
Ion Ratio Lower Upper
165 100
63 46.4 34.9 52.3
89 68.4 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.840 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:166 Resp: 765879
Ion Ratio Lower Upper
166 100
165 96.1 78.3 117.5
167 13.6 11.0 16.4

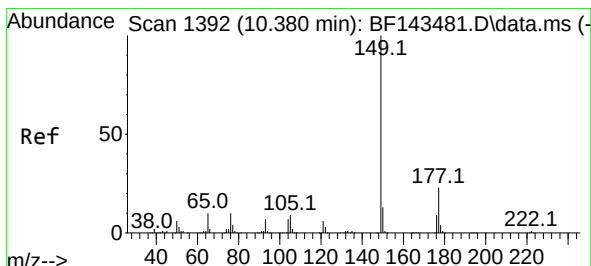
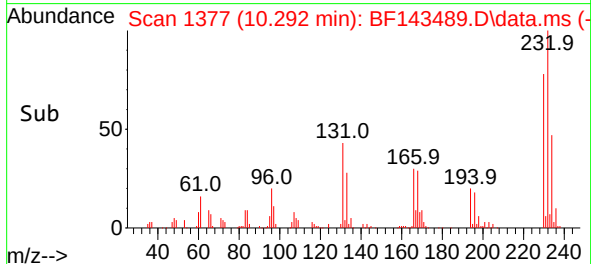
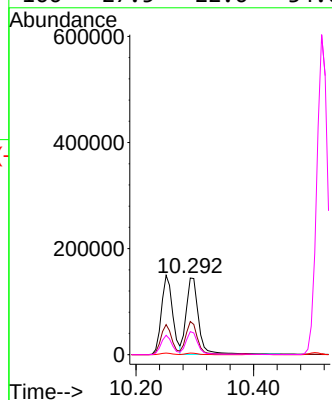
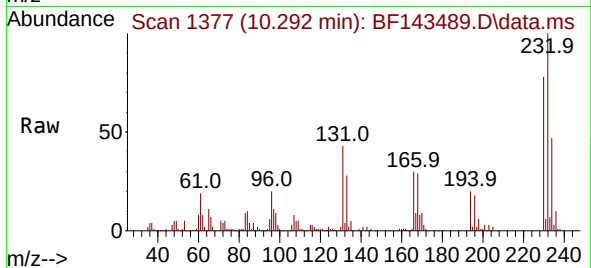




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.968 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

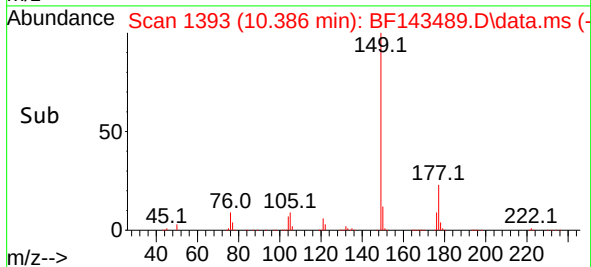
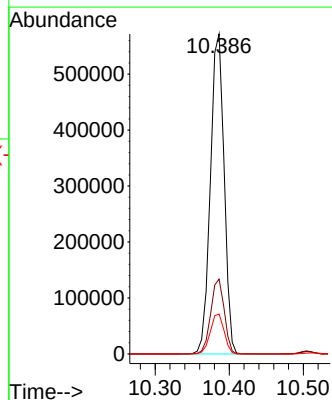
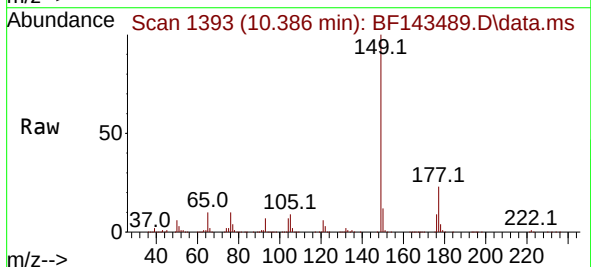
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

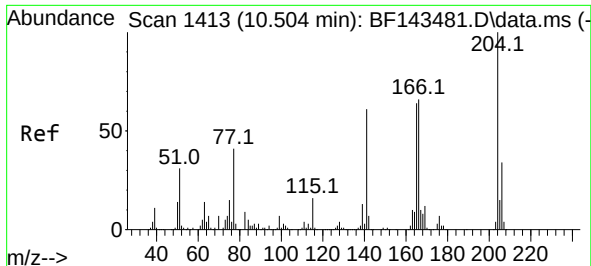
Tgt Ion:232 Resp: 208751
Ion Ratio Lower Upper
232 100
131 41.0 32.7 49.1
130 2.1 1.6 2.4
166 27.5 22.6 34.0



#60
Diethylphthalate
Concen: 48.421 ng
RT: 10.386 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:149 Resp: 735316
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.5 10.3 15.5

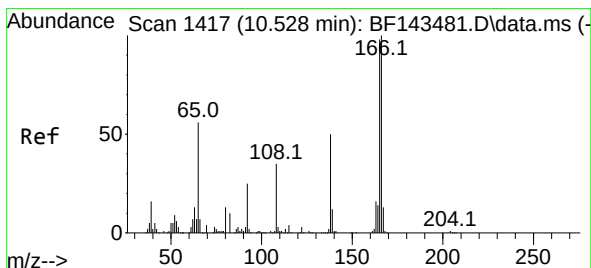
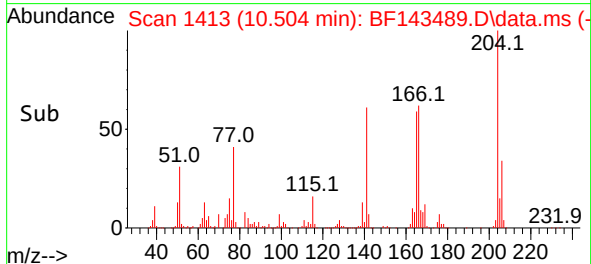
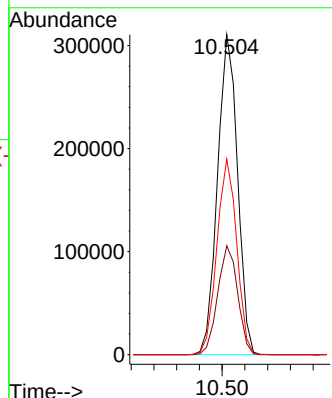
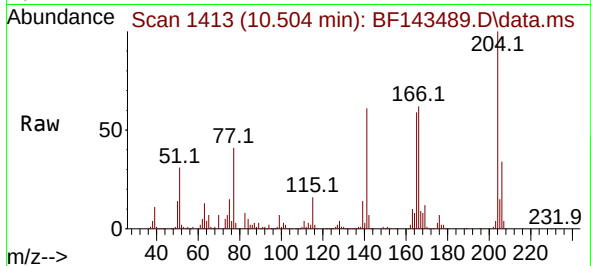




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

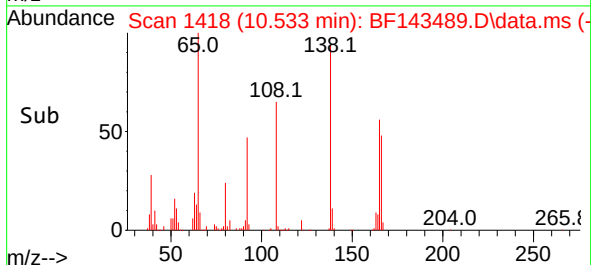
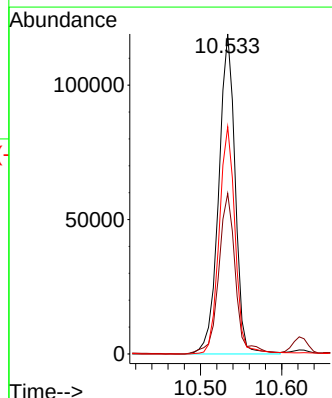
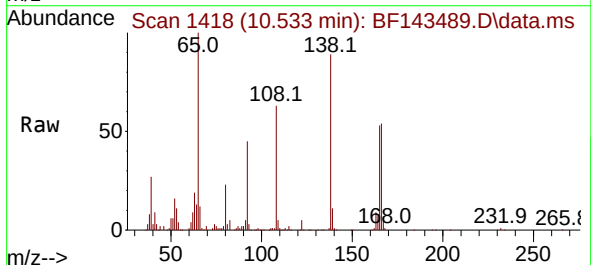
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

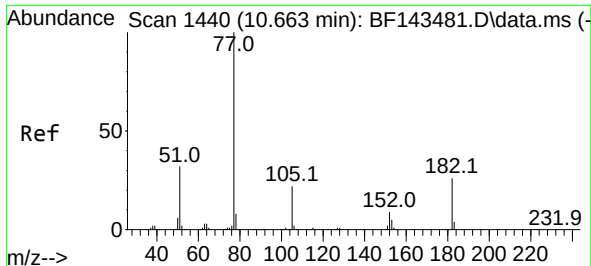
Tgt Ion:204 Resp: 380418
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 61.1 48.7 73.1



#62
4-Nitroaniline
Concen: 48.313 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:138 Resp: 168332
Ion Ratio Lower Upper
138 100
92 50.1 29.3 69.3
108 71.0 50.7 90.7

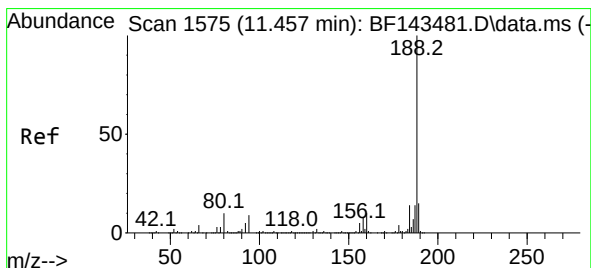
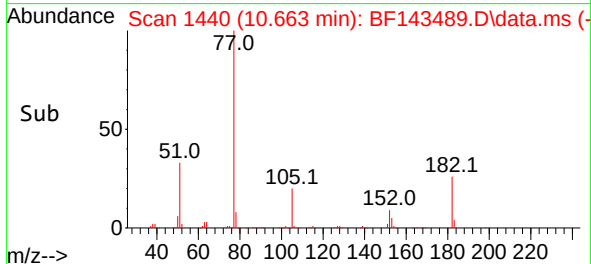
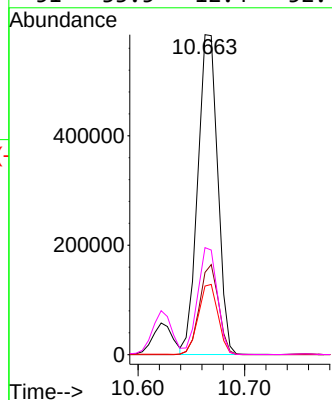
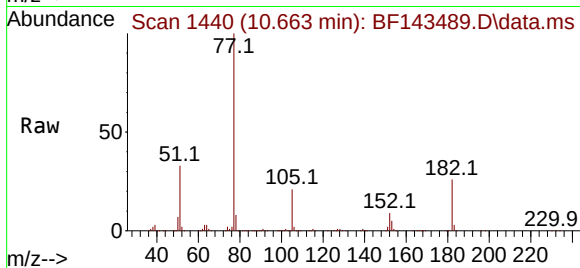




#63
Azobenzene
Concen: 48.494 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

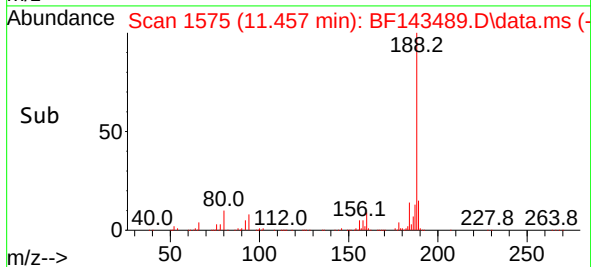
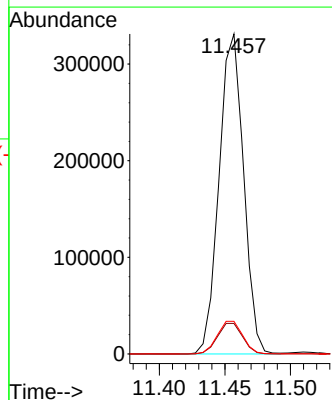
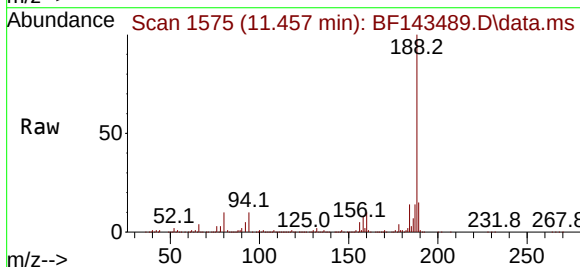
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

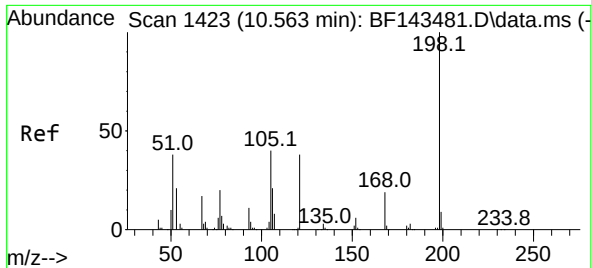
Tgt Ion: 77	Resp: 763587
Ion Ratio	Lower Upper
77 100	
182 25.7	6.2 46.2
105 21.5	2.2 42.2
51 33.5	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:188	Resp: 429898
Ion Ratio	Lower Upper
188 100	
94 9.5	7.4 11.2
80 10.2	8.2 12.4

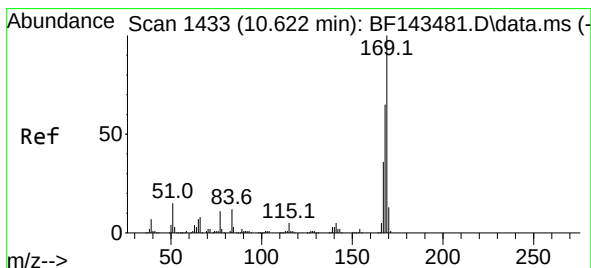
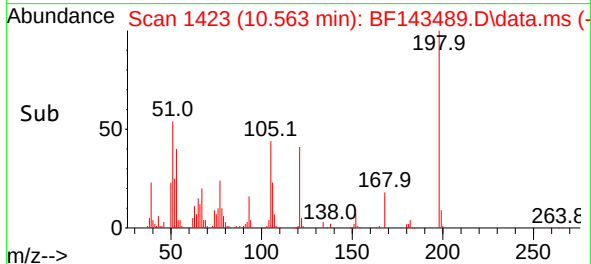
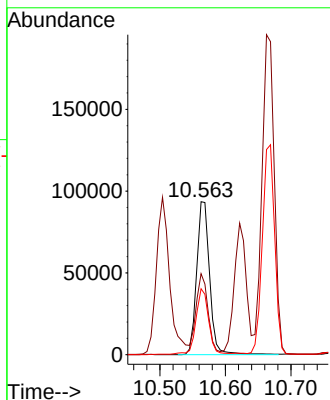
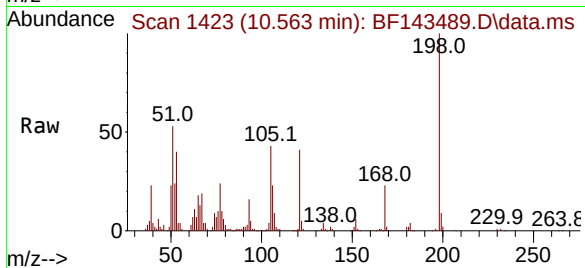




#65
4,6-Dinitro-2-methylphenol
Concen: 53.257 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

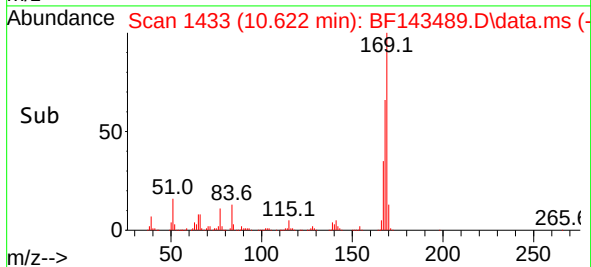
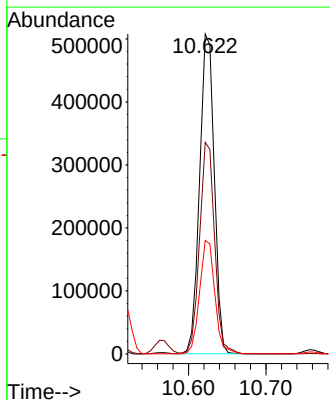
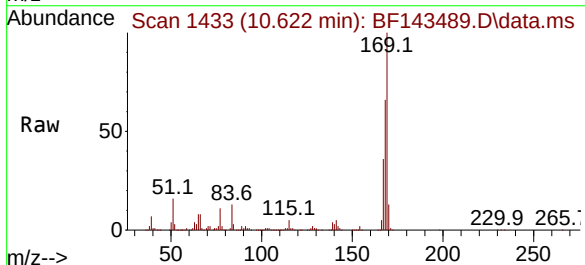
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

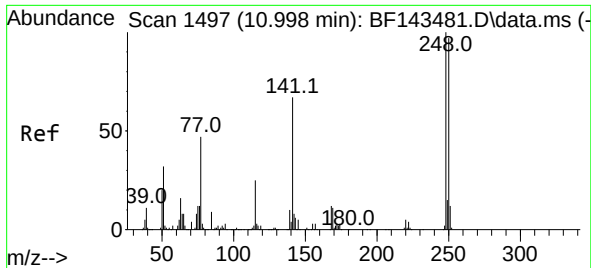
Tgt Ion:198 Resp: 129091
Ion Ratio Lower Upper
198 100
51 52.9 29.6 69.6
105 43.1 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 48.259 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:169 Resp: 667663
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 35.5 28.9 43.3

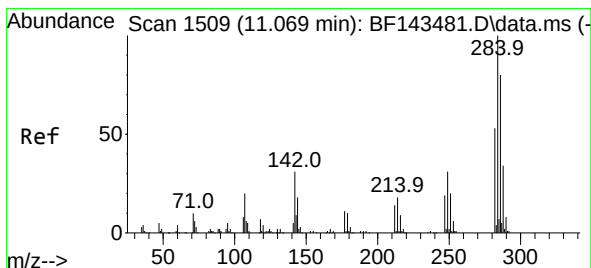
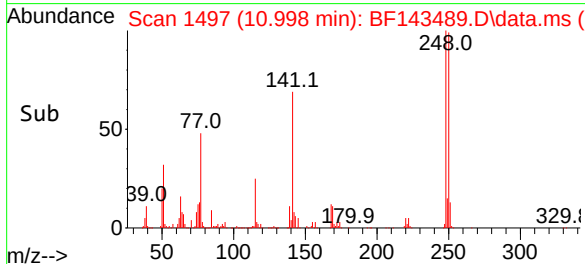
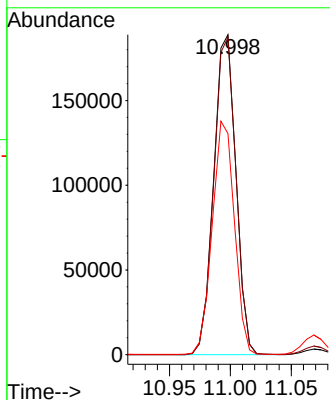
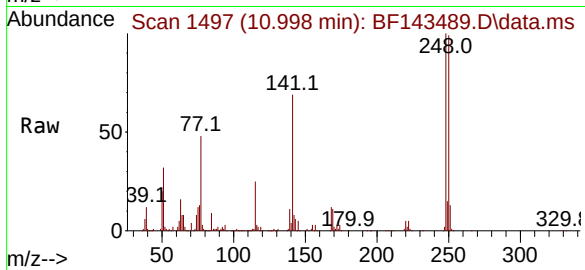




#67
4-Bromophenyl-phenylether
Concen: 46.760 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

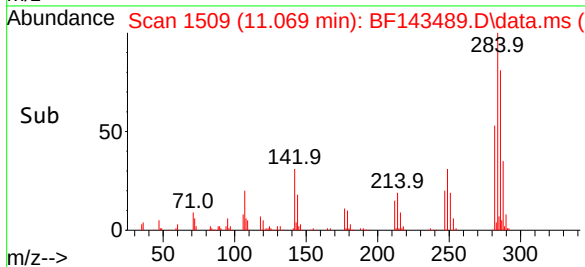
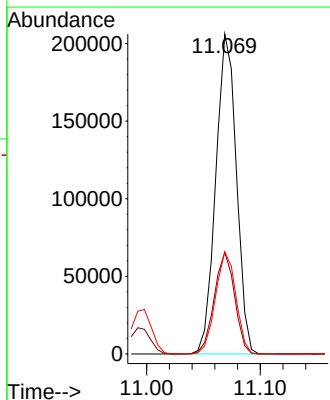
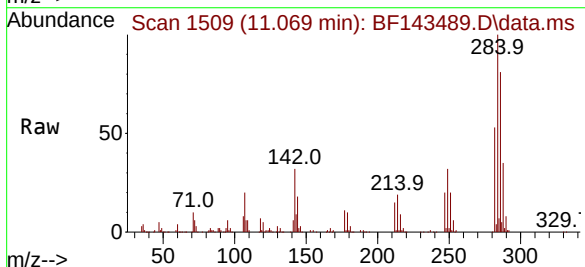
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

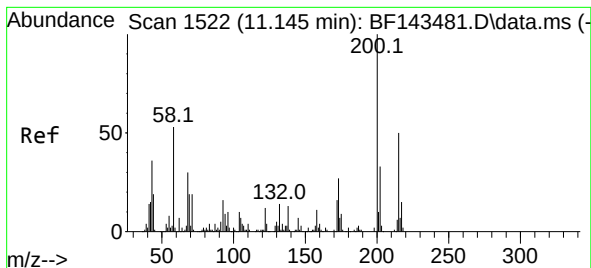
Tgt Ion:248 Resp: 239849
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.8
141 69.1 54.0 81.0



#68
Hexachlorobenzene
Concen: 47.075 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:284 Resp: 260280
Ion Ratio Lower Upper
284 100
142 31.8 24.4 36.6
249 31.9 25.0 37.6





#69

Atrazine

Concen: 52.566 ng

RT: 11.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

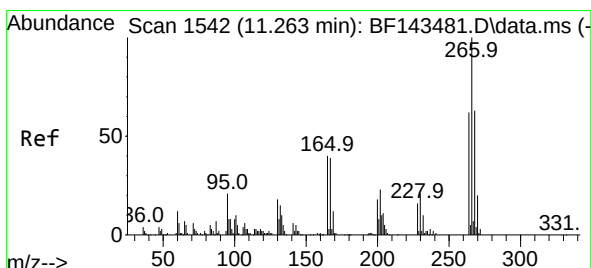
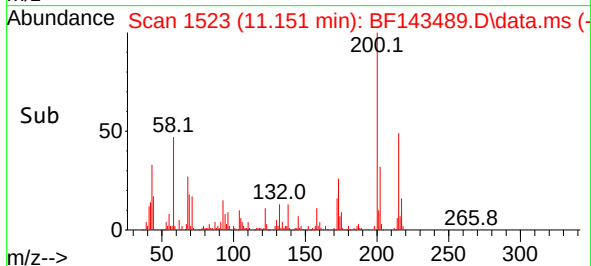
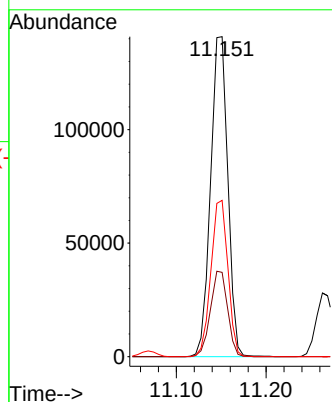
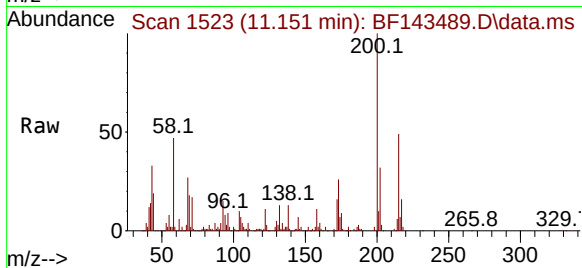
Tgt Ion:200 Resp: 187729

Ion Ratio Lower Upper

200 100

173 26.4 6.9 46.9

215 48.9 30.0 70.0



#70

Pentachlorophenol

Concen: 101.265 ng

RT: 11.269 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

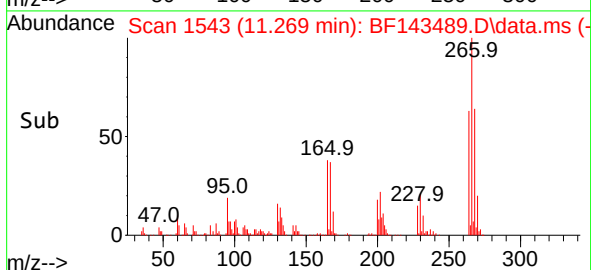
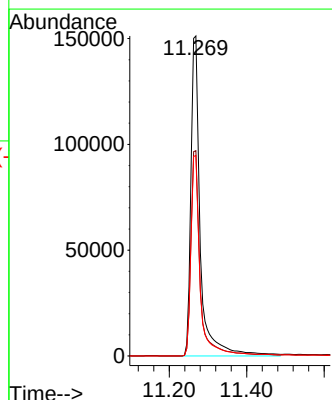
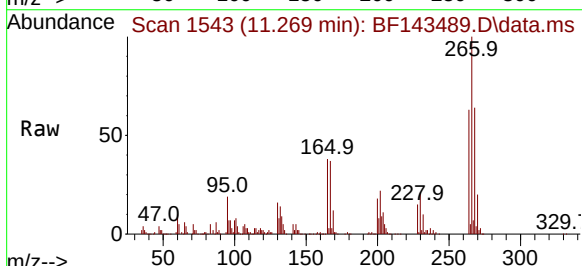
Tgt Ion:266 Resp: 256427

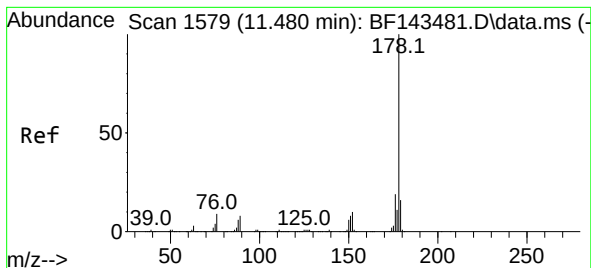
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 46.811 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

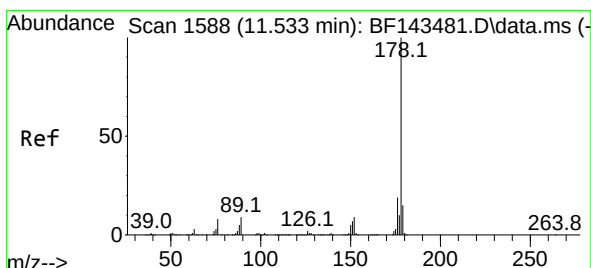
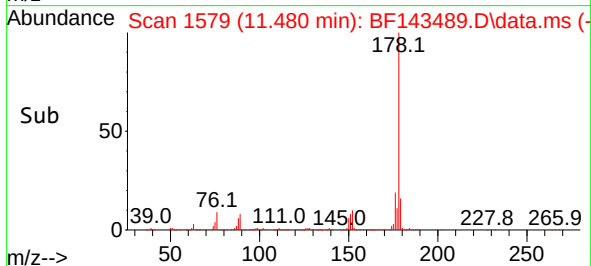
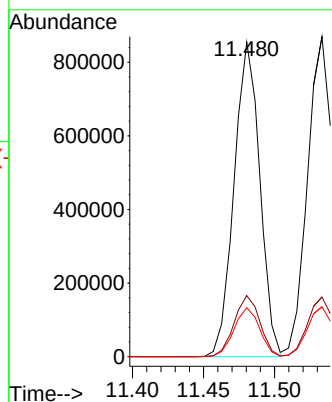
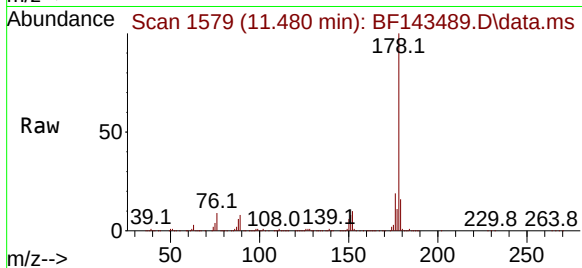
Tgt Ion:178 Resp: 1077665

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.5 18.7



#72

Anthracene

Concen: 47.086 ng

RT: 11.533 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

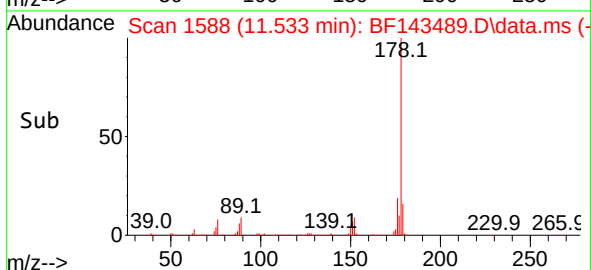
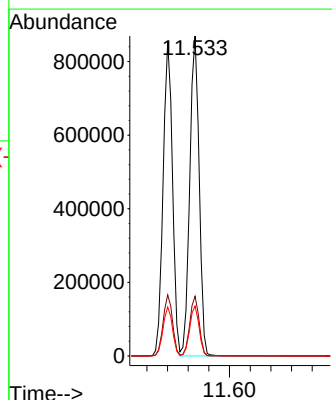
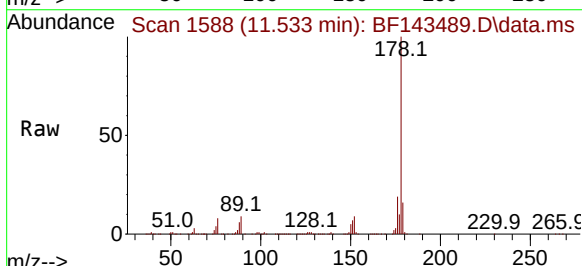
Tgt Ion:178 Resp: 1098131

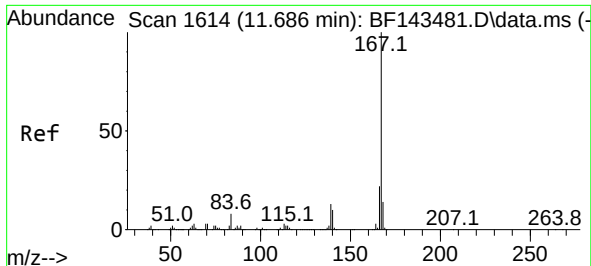
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.3 18.5

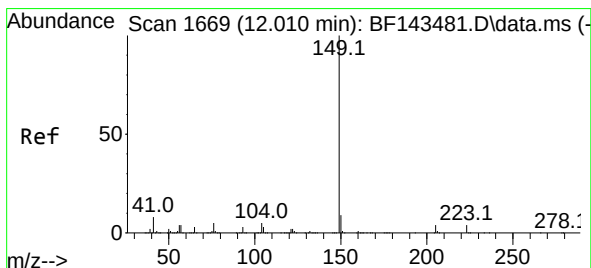
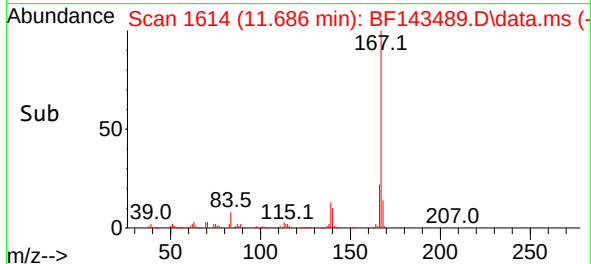
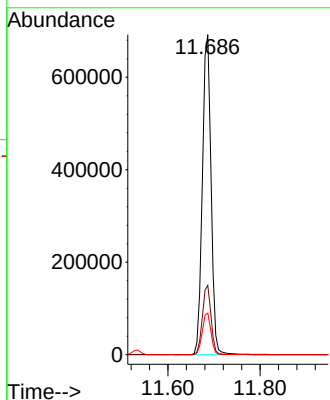
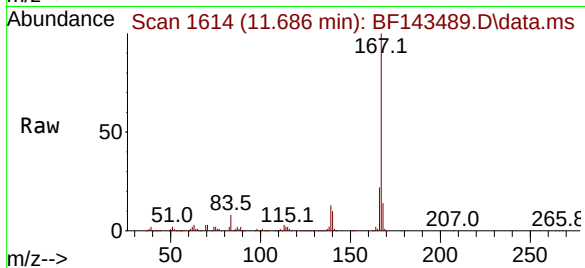




#73
 Carbazole
 Concen: 47.817 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

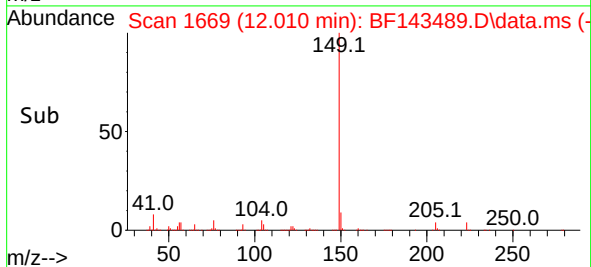
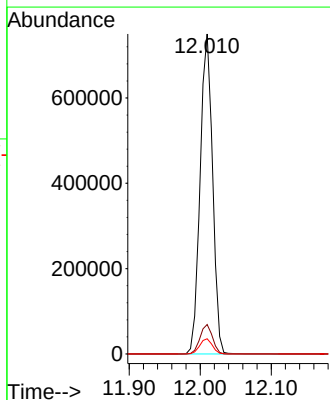
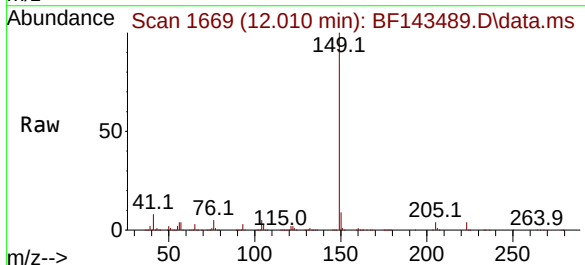
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

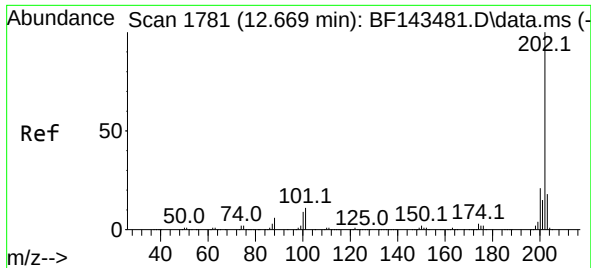
Tgt Ion:167 Resp: 913776
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.353 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Tgt Ion:149 Resp: 915491
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.8 3.6 5.4

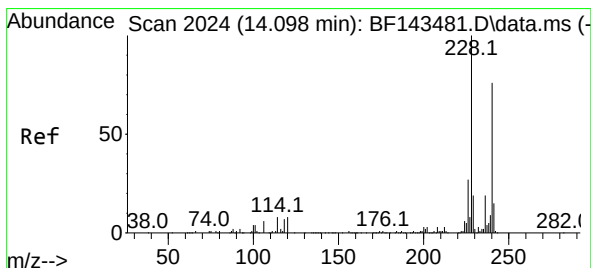
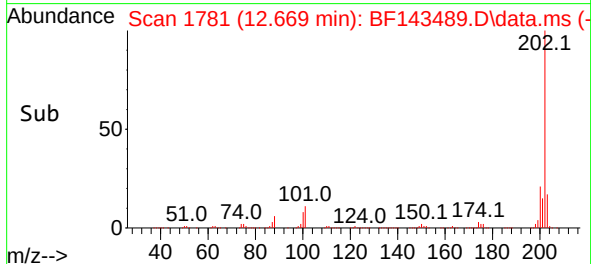
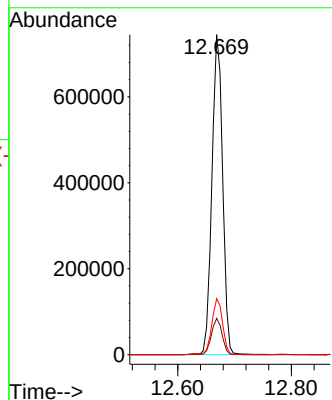
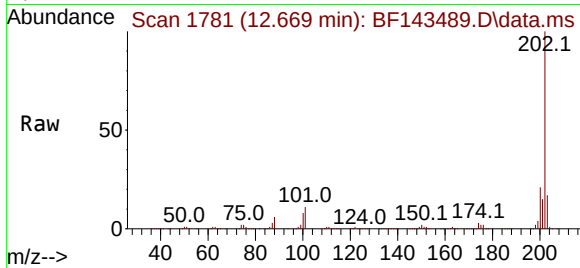




#75
Fluoranthene
Concen: 46.897 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

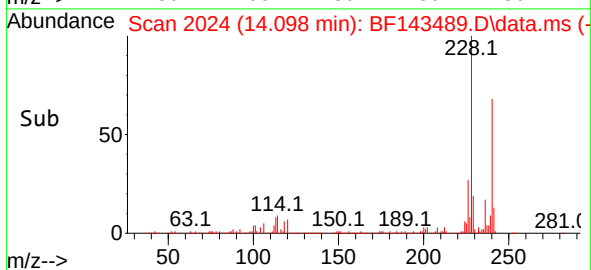
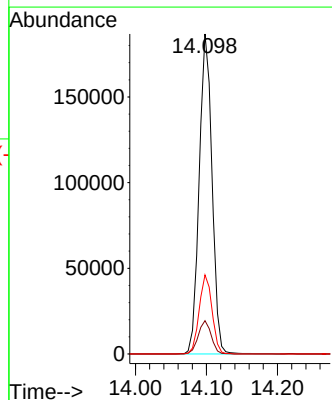
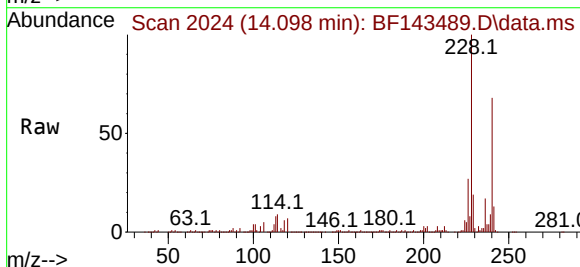
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

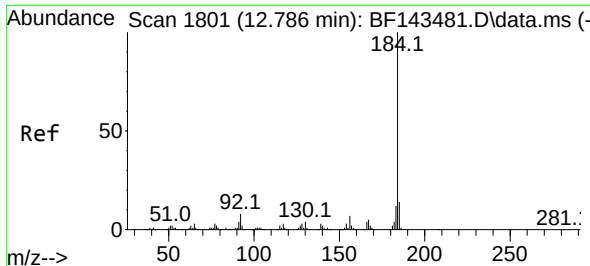
Tgt Ion:202 Resp: 968757
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:240 Resp: 234937
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 24.7 20.4 30.6

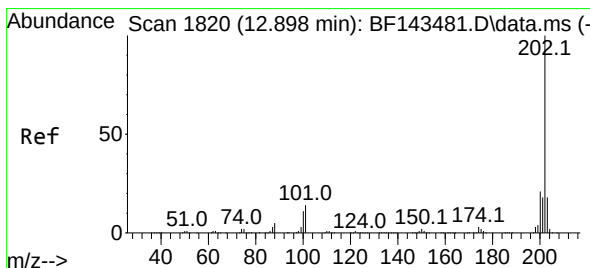
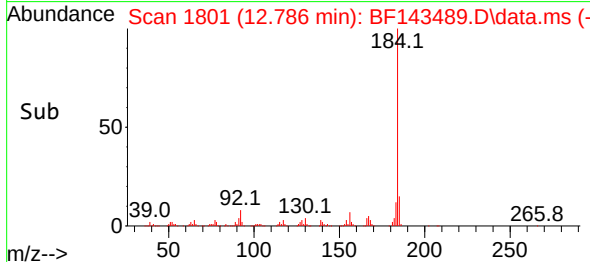
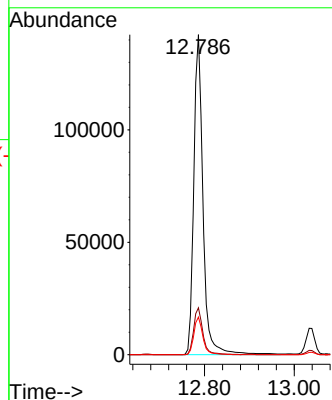
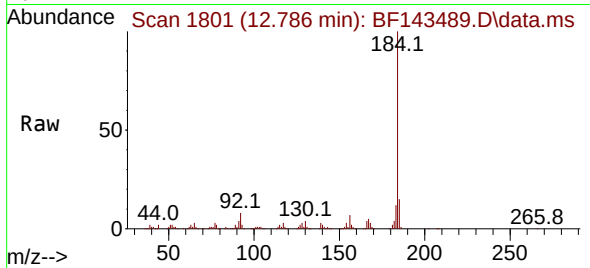




#77
Benzidine
Concen: 35.544 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

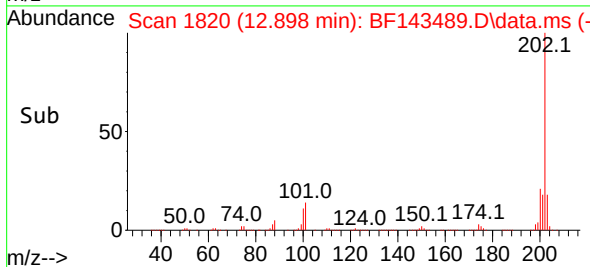
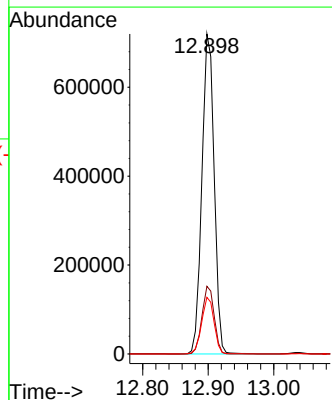
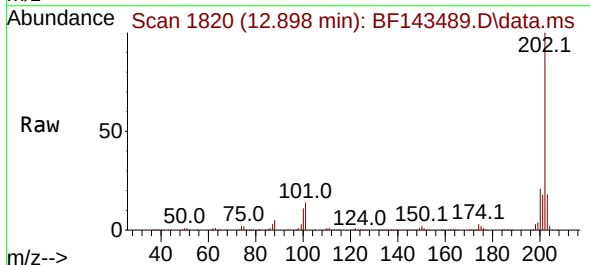
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

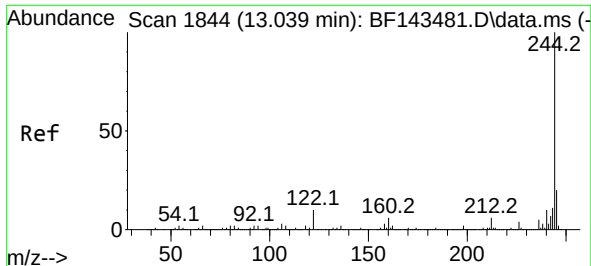
Tgt Ion:184 Resp: 203411
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.8 9.5 14.3



#78
Pyrene
Concen: 48.667 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:202 Resp: 940507
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.3 21.5

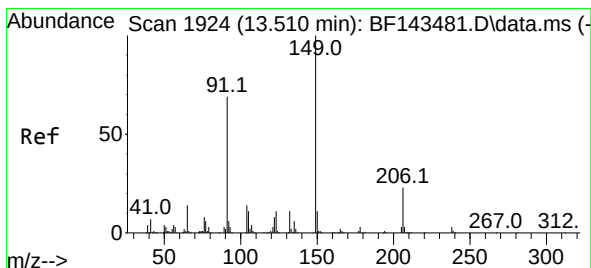
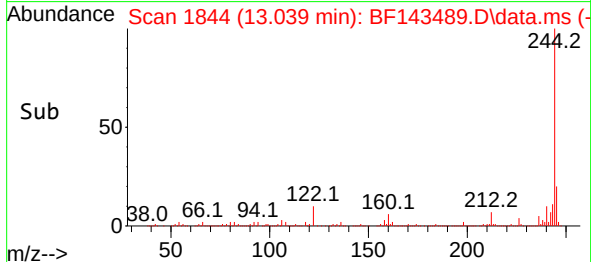
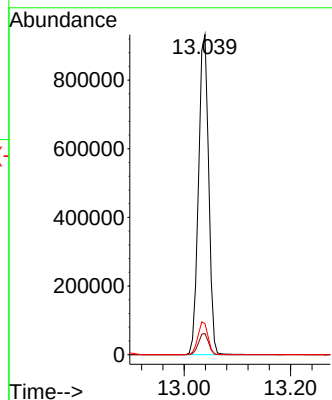
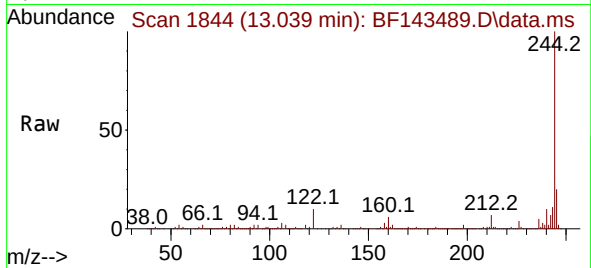




#79
 Terphenyl-d14
 Concen: 91.165 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

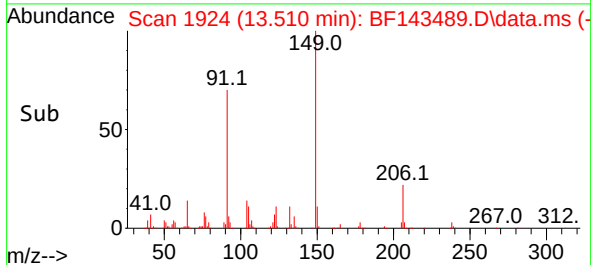
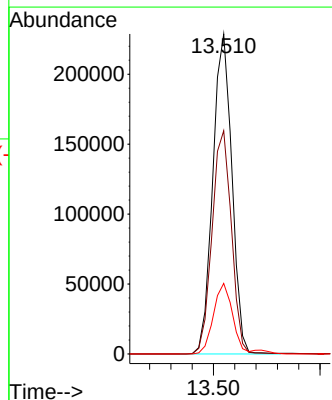
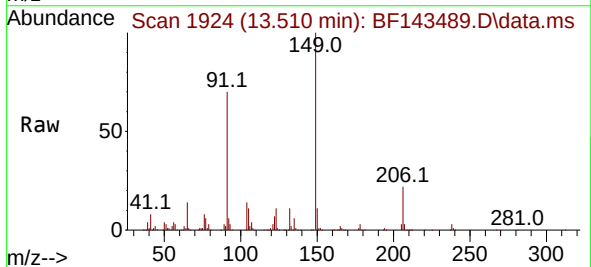
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

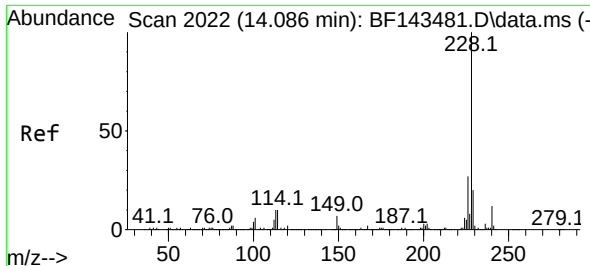
Tgt Ion:244 Resp: 1227361
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 9.7 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 53.791 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Tgt Ion:149 Resp: 283983
 Ion Ratio Lower Upper
 149 100
 91 69.7 55.3 82.9
 206 22.1 18.2 27.4

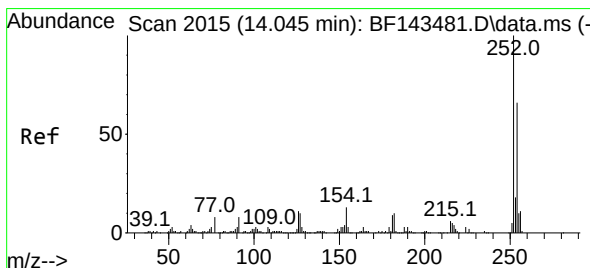
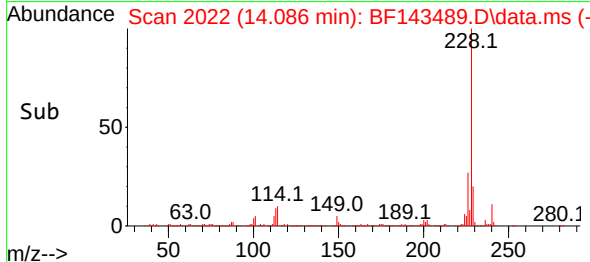
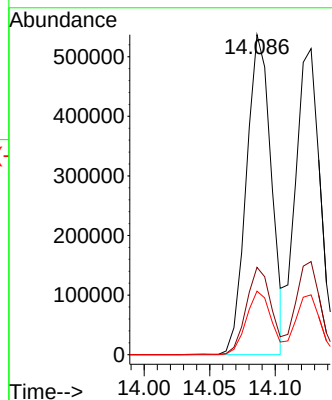
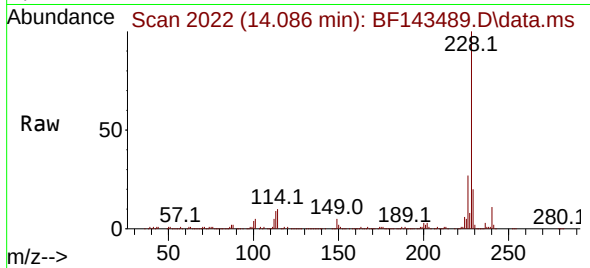




#81
Benzo(a)anthracene
Concen: 46.940 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

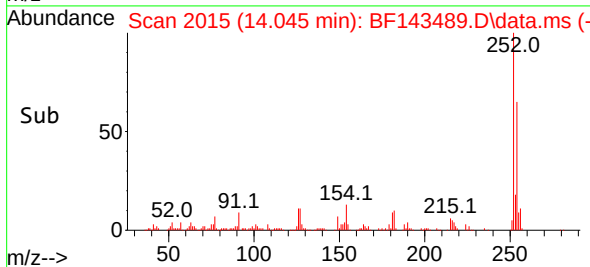
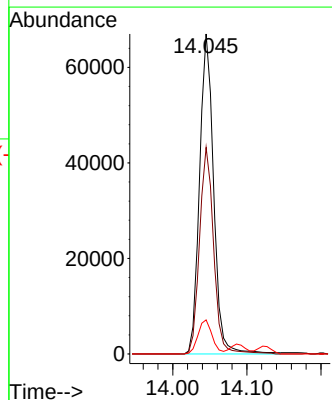
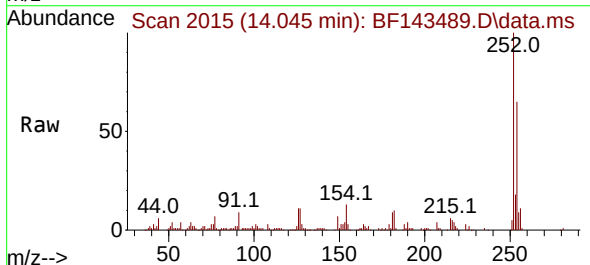
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

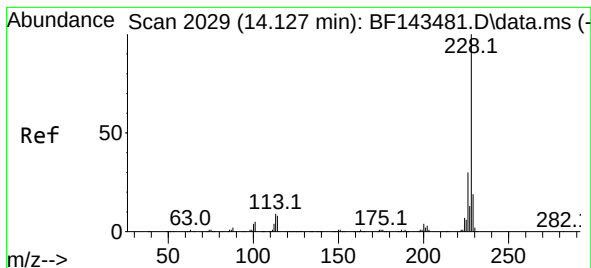
Tgt Ion:228 Resp: 709995
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.509 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:252 Resp: 88838
Ion Ratio Lower Upper
252 100
254 64.5 52.6 79.0
126 10.6 8.7 13.1





#83

Chrysene

Concen: 49.330 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

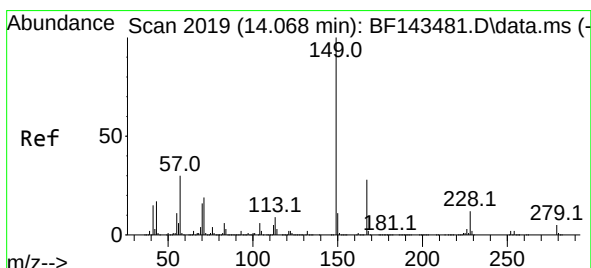
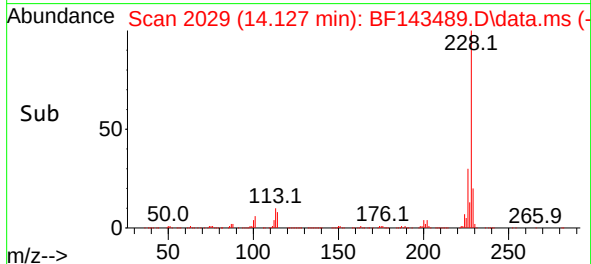
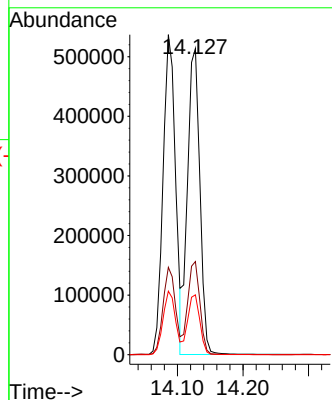
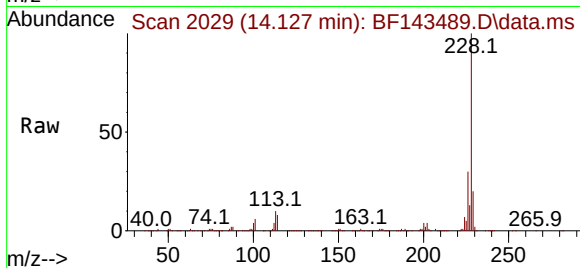
Tgt Ion:228 Resp: 670537

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.699 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

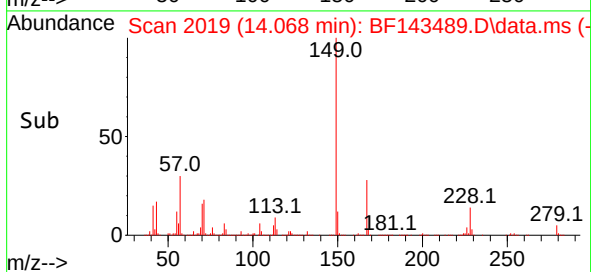
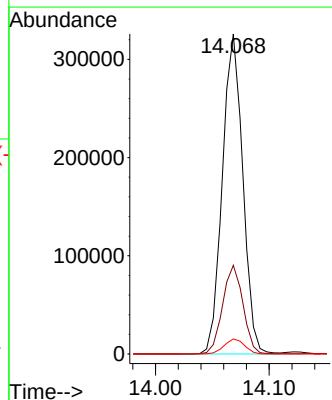
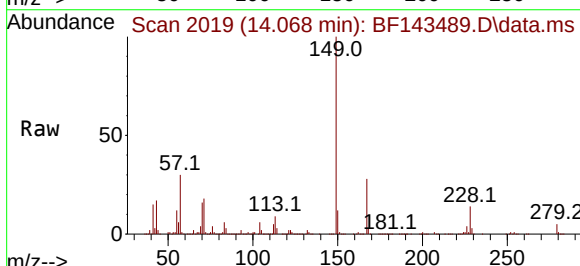
Tgt Ion:149 Resp: 407661

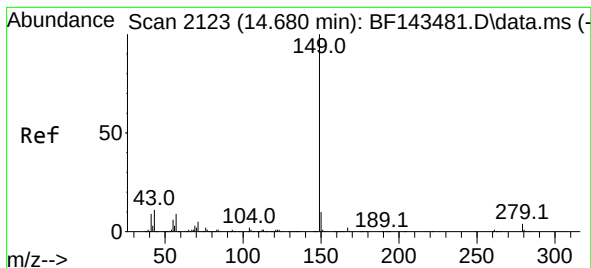
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.345 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

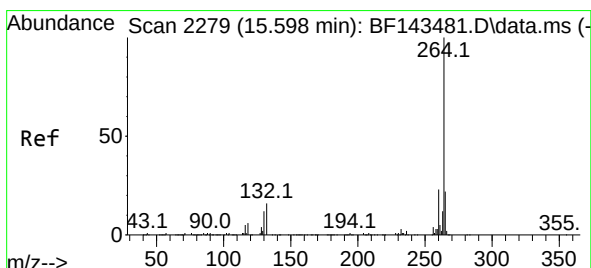
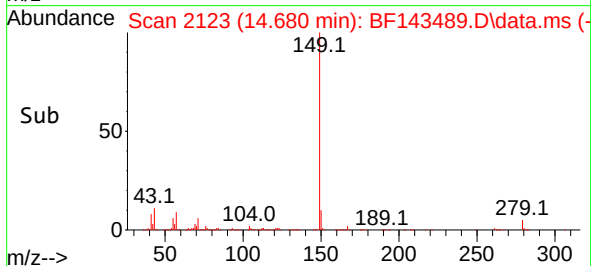
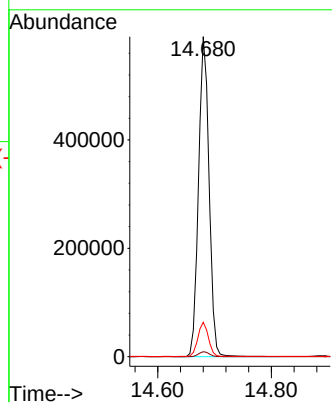
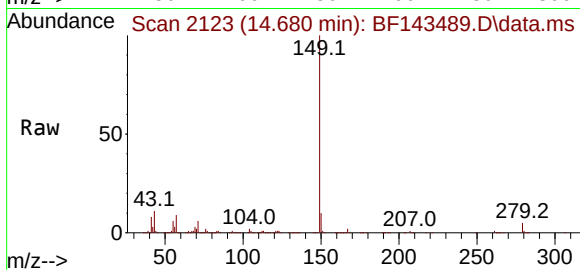
Tgt Ion:149 Resp: 764827

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

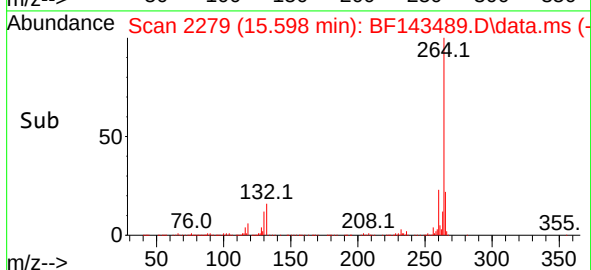
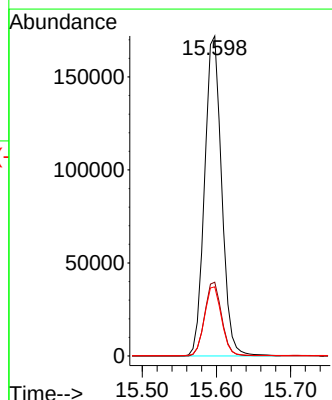
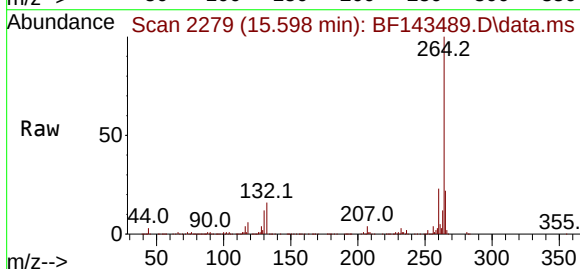
Tgt Ion:264 Resp: 275165

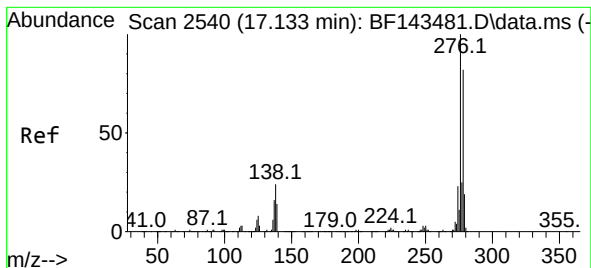
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.375 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

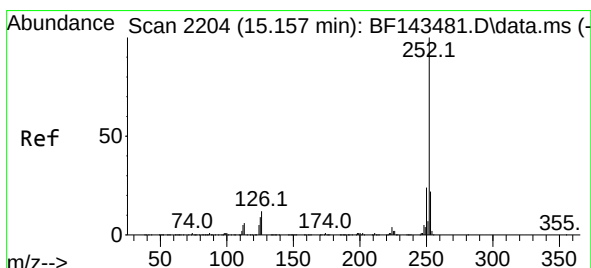
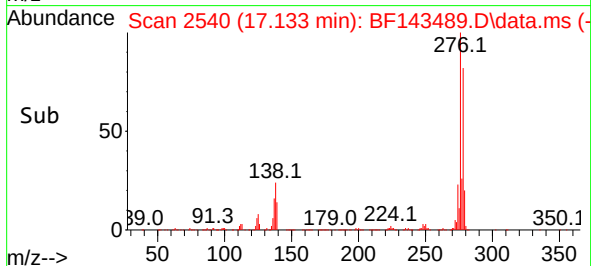
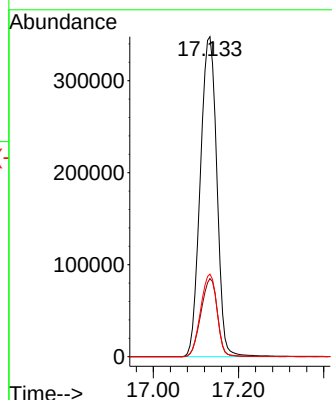
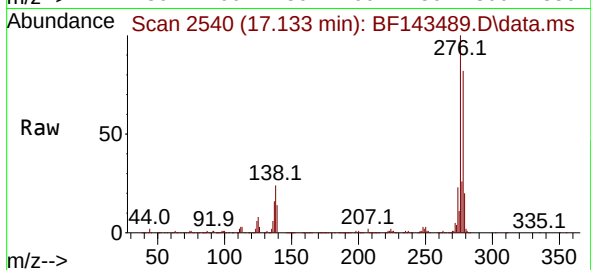
Tgt Ion:276 Resp: 936751

Ion Ratio Lower Upper

276 100

138 24.2 19.2 28.8

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.959 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

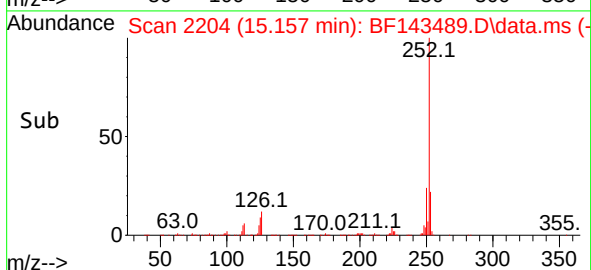
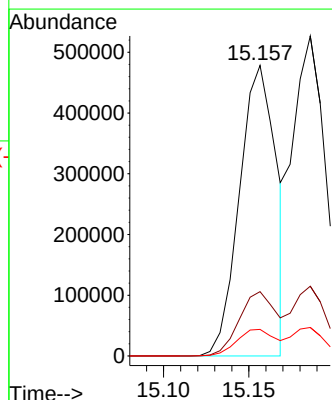
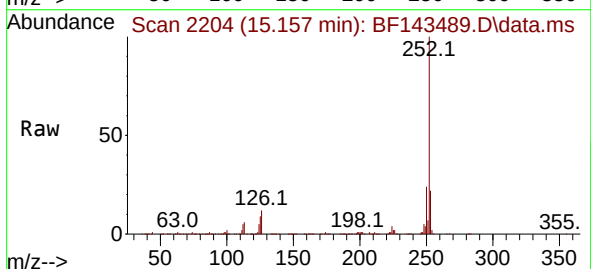
Tgt Ion:252 Resp: 718254

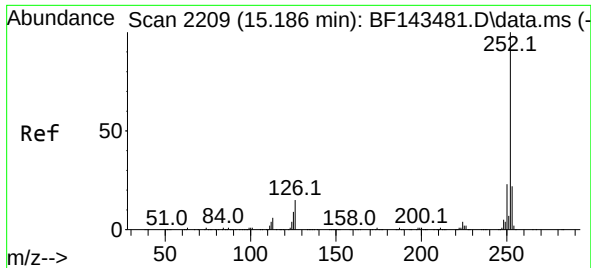
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.1 7.4 11.0

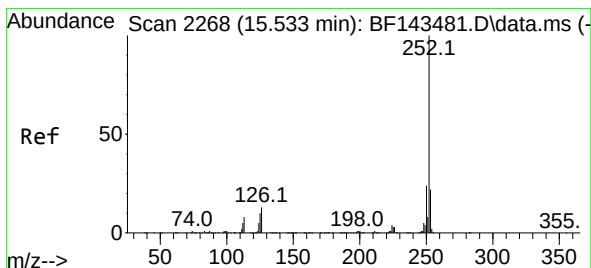
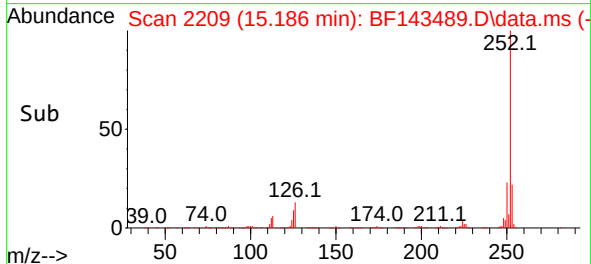
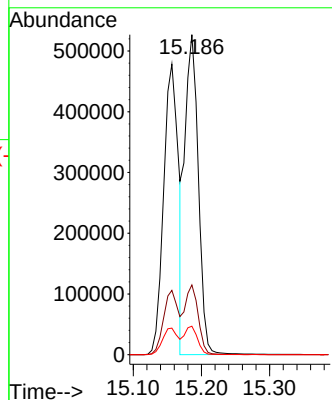
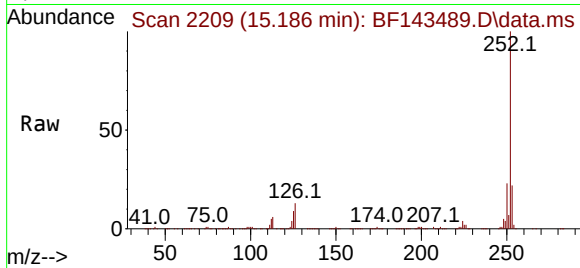




#89
Benzo(k)fluoranthene
Concen: 49.118 ng
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

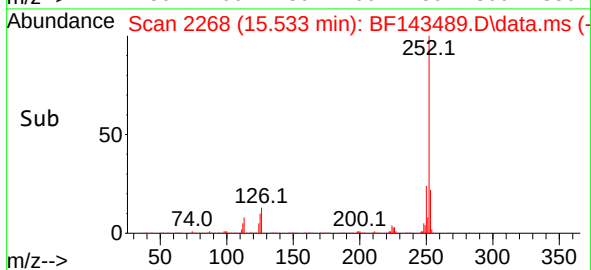
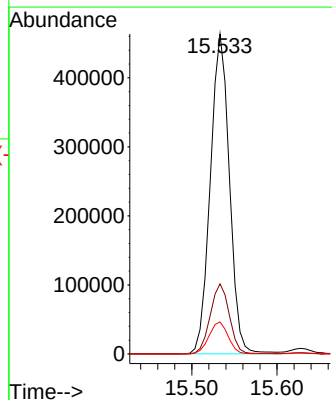
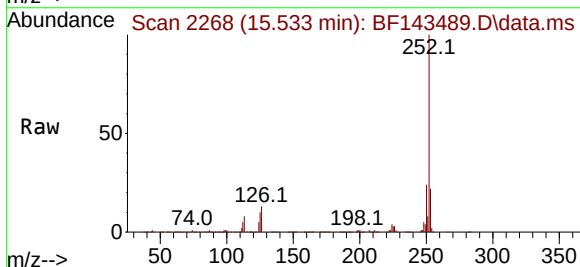
Instrument :
BNA_F
ClientSampleId :
PB169313BSD

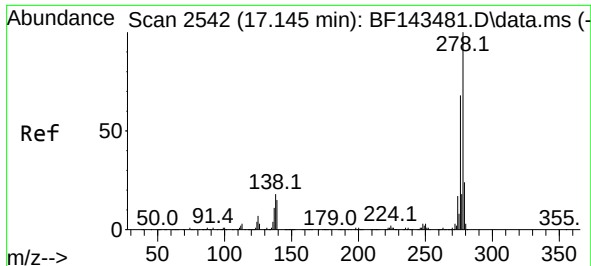
Tgt Ion:252 Resp: 719311
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.813 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:252 Resp: 721420
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.0 8.2 12.2

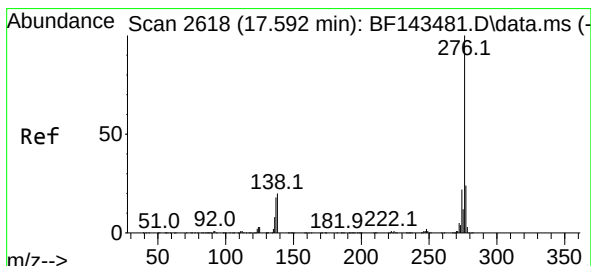
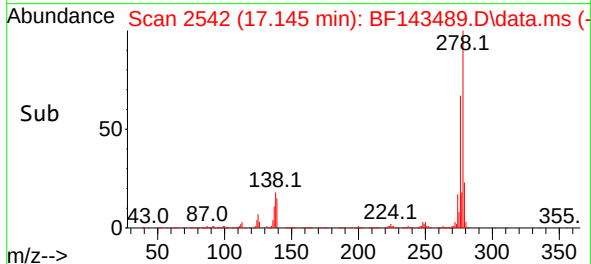
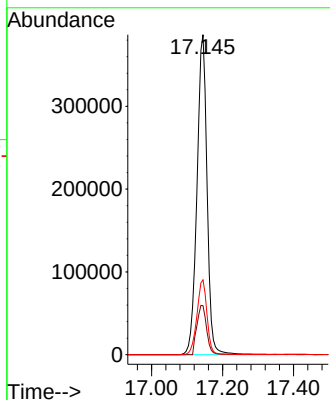
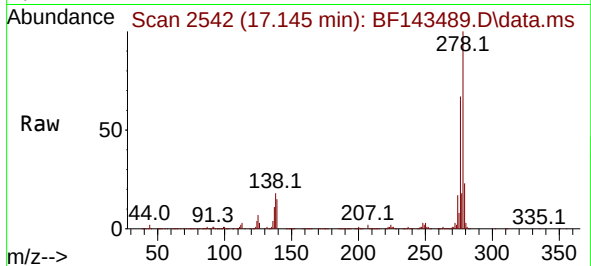




#91
 Dibenzo(a,h)anthracene
 Concen: 48.393 ng
 RT: 17.145 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

Tgt Ion:278 Resp: 766358
 Ion Ratio Lower Upper
 278 100
 139 15.3 12.1 18.1
 279 23.4 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 48.971 ng
 RT: 17.592 min Scan# 2618
 Delta R.T. -0.012 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Tgt Ion:276 Resp: 771124
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.9 28.3
 138 20.8 16.3 24.5

