

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143488.D
 Acq On : 20 Aug 2025 16:44
 Operator : RC/JU
 Sample : PB169313BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BS

Quant Time: Aug 20 17:54:41 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	135406	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517174	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	285363	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	434773	20.000	ng	0.00
76) Chrysene-d12	14.098	240	242024	20.000	ng	0.00
86) Perylene-d12	15.598	264	290471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	978941	126.242	ng	0.01
7) Phenol-d6	6.569	99	1212927	126.709	ng	0.00
23) Nitrobenzene-d5	7.487	82	821994	92.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	372333	140.169	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1496037	86.643	ng	0.00
79) Terphenyl-d14	13.039	244	1314279	94.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	139645	38.874	ng	98
3) Pyridine	3.610	79	376166	39.316	ng	99
4) n-Nitrosodimethylamine	3.557	42	204555	47.558	ng	100
6) Aniline	6.593	93	473786	37.029	ng	92
8) 2-Chlorophenol	6.716	128	388404	45.348	ng	100
9) Benzaldehyde	6.475	77	197598	25.496	ng	98
10) Phenol	6.581	94	469575	42.582	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	367879	44.642	ng	99
12) 1,3-Dichlorobenzene	6.869	146	431278	44.815	ng	99
13) 1,4-Dichlorobenzene	6.945	146	438315	45.405	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419496	45.898	ng	99
15) Benzyl Alcohol	7.069	79	336855	47.002	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	587313	44.547	ng	96
17) 2-Methylphenol	7.187	107	314264	45.717	ng	99
18) Hexachloroethane	7.439	117	148005	45.094	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	273392	46.727	ng	99
20) 3+4-Methylphenols	7.334	107	370330	45.128	ng	100
22) Acetophenone	7.334	105	512901	45.905	ng	99
24) Nitrobenzene	7.510	77	410266	44.977	ng	99
25) Isophorone	7.745	82	752754	46.335	ng	100
26) 2-Nitrophenol	7.822	139	210247	47.055	ng	97
27) 2,4-Dimethylphenol	7.863	122	337545	48.462	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	456571	45.730	ng	100
29) 2,4-Dichlorophenol	8.069	162	329205	44.255	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	357138	46.695	ng	100
31) Naphthalene	8.234	128	1088785	43.850	ng	100
32) Benzoic acid	7.998	122	186131	47.131	ng	99
33) 4-Chloroaniline	8.275	127	257956	29.271	ng	99
34) Hexachlorobutadiene	8.351	225	223510	44.793	ng	100
35) Caprolactam	8.686	113	37688	21.113	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	338812	45.448	ng	98
37) 2-Methylnaphthalene	8.922	142	669435	40.368	ng	99
38) 1-Methylnaphthalene	9.022	142	687275	43.326	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	353074	43.256	ng	99
41) Hexachlorocyclopentadiene	9.081	237	393494	120.520	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	227602	45.316	ng	99

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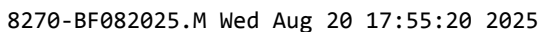
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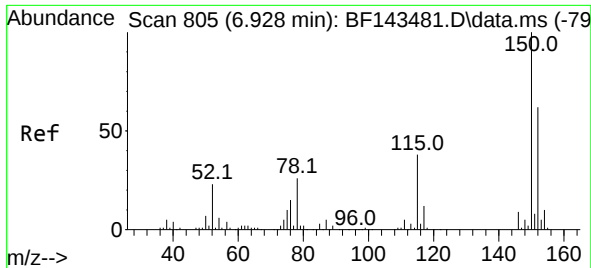
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	242677	44.233	ng	98
46) 1,1'-Biphenyl	9.386	154	905413	44.702	ng	100
47) 2-Chloronaphthalene	9.416	162	696404	43.821	ng	99
48) 2-Nitroaniline	9.504	65	214901	46.205	ng	99
49) Acenaphthylene	9.828	152	1127144	49.533	ng	100
50) Dimethylphthalate	9.686	163	802340	46.684	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179513	50.396	ng	99
52) Acenaphthene	10.004	154	739712	47.878	ng	100
53) 3-Nitroaniline	9.916	138	131984	34.291	ng	100
54) 2,4-Dinitrophenol	10.028	184	174062	90.623	ng	99
55) Dibenzofuran	10.175	168	988542	44.878	ng	99
56) 4-Nitrophenol	10.086	139	227228	99.219	ng	96
57) 2,4-Dinitrotoluene	10.151	165	242170	50.917	ng	98
58) Fluorene	10.516	166	770009	45.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	211116	51.796	ng	98
60) Diethylphthalate	10.386	149	734973	47.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	382845	45.154	ng	100
62) 4-Nitroaniline	10.533	138	171463	48.499	ng	98
63) Azobenzene	10.663	77	761351	47.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	128974	52.612	ng	97
66) n-Nitrosodiphenylamine	10.622	169	670162	47.897	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	238851	46.043	ng	98
68) Hexachlorobenzene	11.069	284	255432	45.680	ng	98
69) Atrazine	11.151	200	179670	49.745	ng	100
70) Pentachlorophenol	11.269	266	250992	98.008	ng	99
71) Phenanthrene	11.480	178	1048955	45.053	ng	100
72) Anthracene	11.533	178	1079925	45.786	ng	100
73) Carbazole	11.686	167	890299	46.066	ng	99
74) Di-n-butylphthalate	12.010	149	897655	49.788	ng	99
75) Fluoranthene	12.669	202	955266	45.725	ng	99
77) Benzidine	12.786	184	330741	56.102	ng	99
78) Pyrene	12.898	202	936601	47.046	ng	99
80) Butylbenzylphthalate	13.510	149	275606	50.676	ng	99
81) Benzo(a)anthracene	14.086	228	724952	46.526	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	147047	32.953	ng	99
83) Chrysene	14.127	228	683519	48.813	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	422164	50.965	ng	100
85) Di-n-octyl phthalate	14.680	149	784582	51.129	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	979376	46.920	ng	100
88) Benzo(b)fluoranthene	15.157	252	757232	46.898	ng	100
89) Benzo(k)fluoranthene	15.186	252	735798	47.596	ng	100
90) Benzo(a)pyrene	15.533	252	744311	49.663	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	790719	47.300	ng	99
92) Benzo(g,h,i)perylene	17.592	276	801902	48.242	ng	99

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

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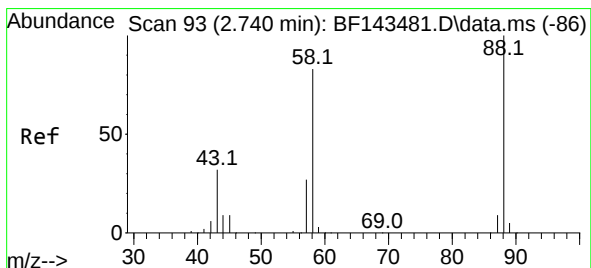
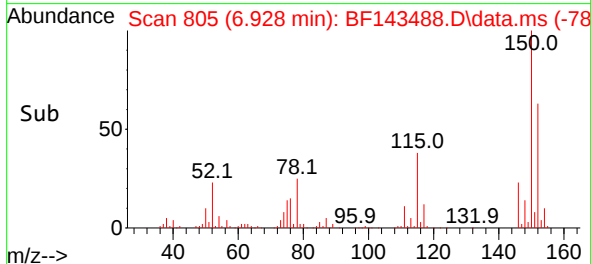
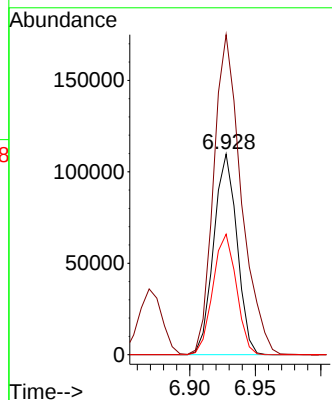
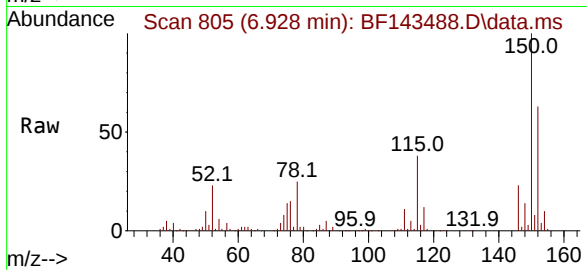




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
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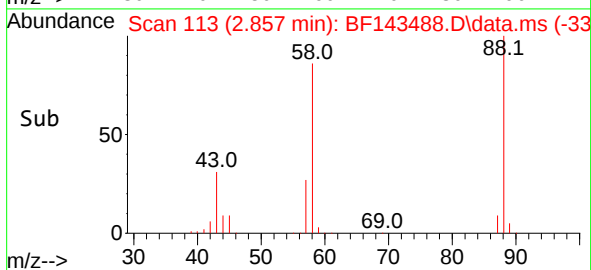
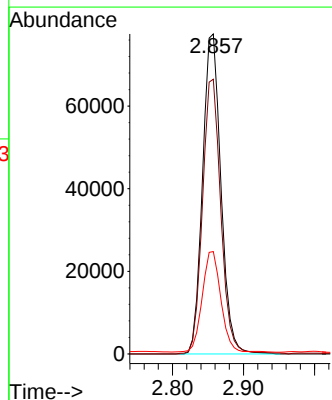
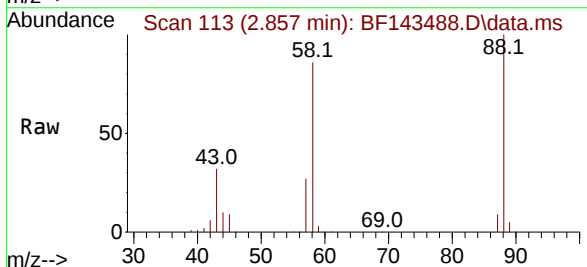
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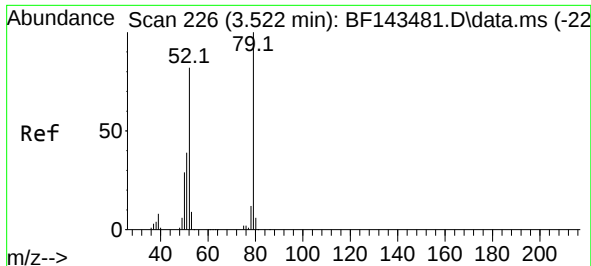
Tgt Ion:152 Resp: 135406
 Ion Ratio Lower Upper
 152 100
 150 159.5 128.9 193.3
 115 60.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 38.874 ng
 RT: 2.857 min Scan# 113
 Delta R.T. 0.123 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

Tgt Ion: 88 Resp: 139645
 Ion Ratio Lower Upper
 88 100
 58 85.9 66.7 100.1
 43 31.6 25.8 38.8





#3

Pyridine

Concen: 39.316 ng

RT: 3.610 min Scan# 241

Delta R.T. 0.094 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

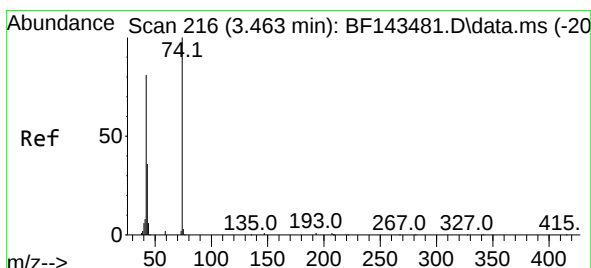
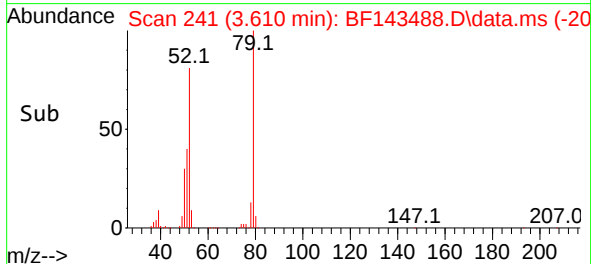
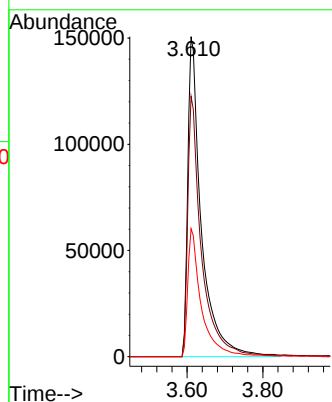
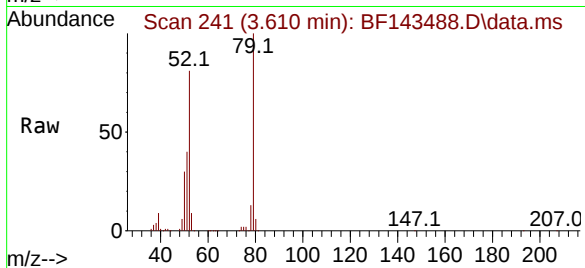
Tgt Ion: 79 Resp: 376166

Ion Ratio Lower Upper

79 100

52 81.4 65.6 98.4

51 40.0 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 47.558 ng

RT: 3.557 min Scan# 232

Delta R.T. 0.082 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

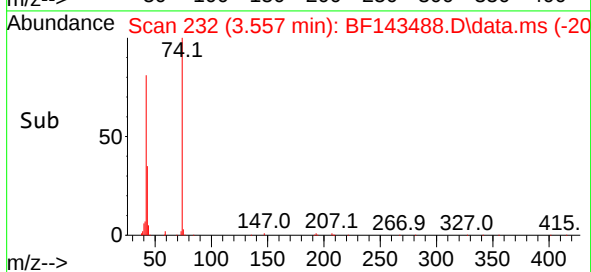
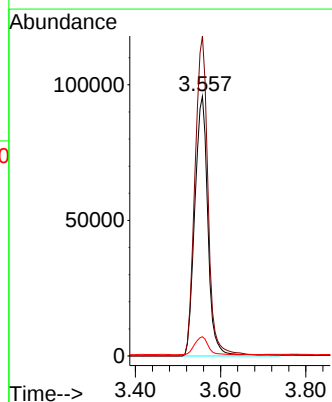
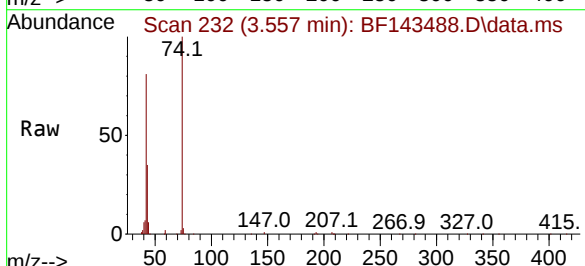
Tgt Ion: 42 Resp: 204555

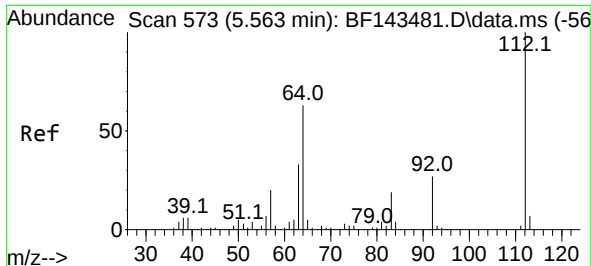
Ion Ratio Lower Upper

42 100

74 123.2 98.6 148.0

44 7.4 5.8 8.8

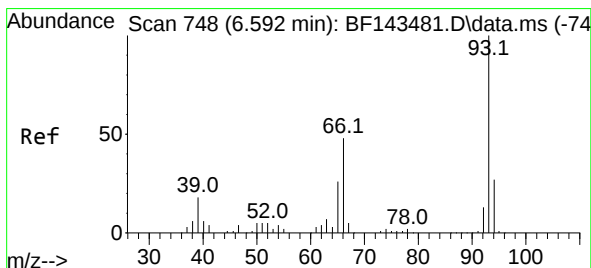
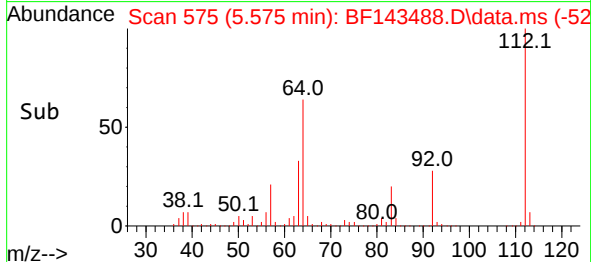
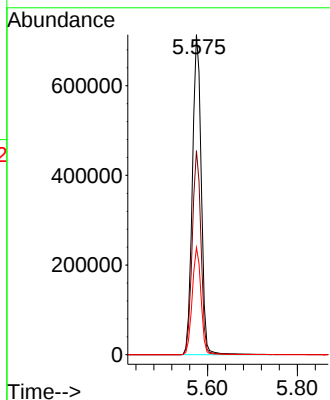
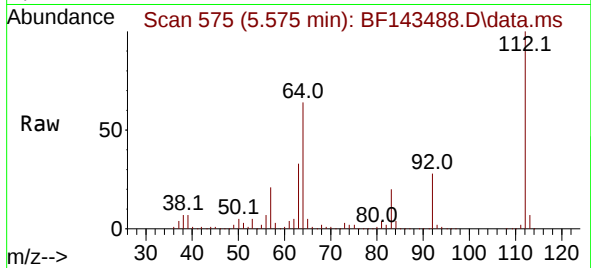




#5
2-Fluorophenol
Concen: 126.242 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

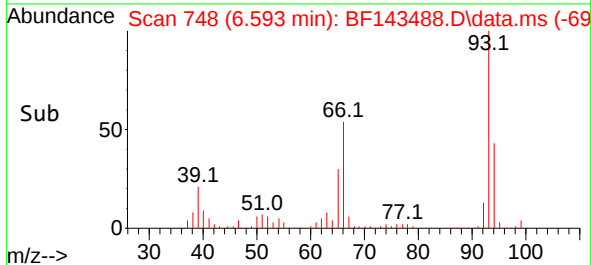
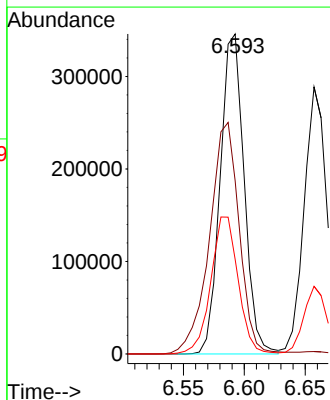
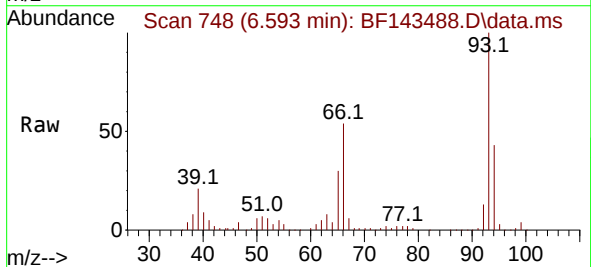
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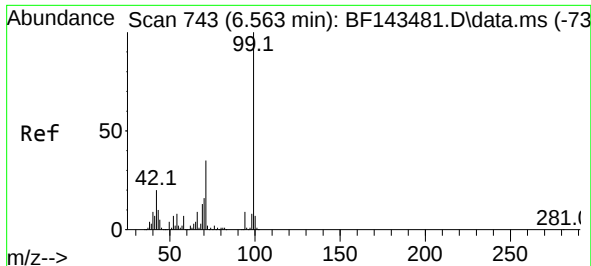
Tgt Ion:112 Resp: 978941
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 33.4 26.4 39.6



#6
Aniline
Concen: 37.029 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 93 Resp: 473786
Ion Ratio Lower Upper
93 100
66 54.1 38.9 58.3
65 29.6 20.6 30.8





#7

Phenol-d6

Concen: 126.709 ng

RT: 6.569 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

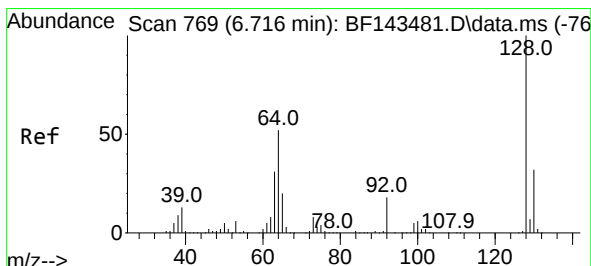
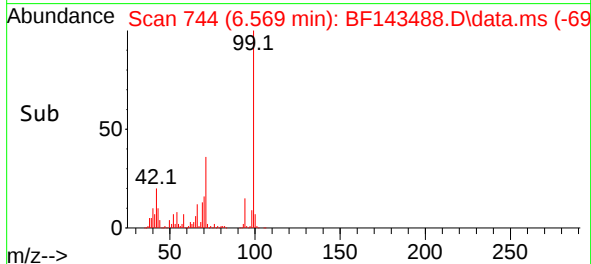
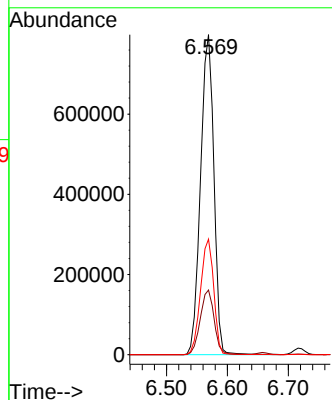
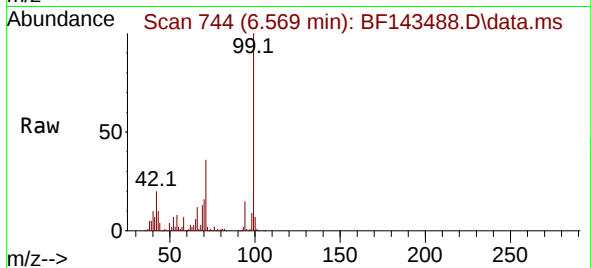
BNA_F

ClientSampleId :

PB169313BS

Tgt Ion: 99 Resp: 1212927

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.3	24.5
71	36.1	28.2	42.2



#8

2-Chlorophenol

Concen: 45.348 ng

RT: 6.716 min Scan# 769

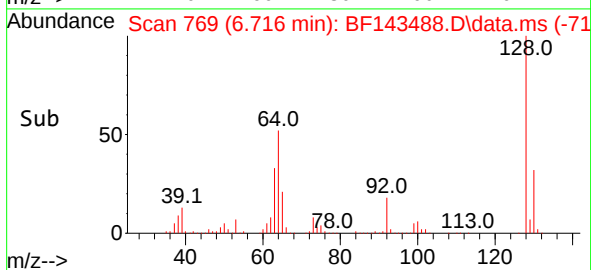
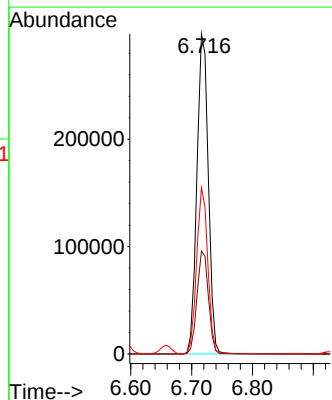
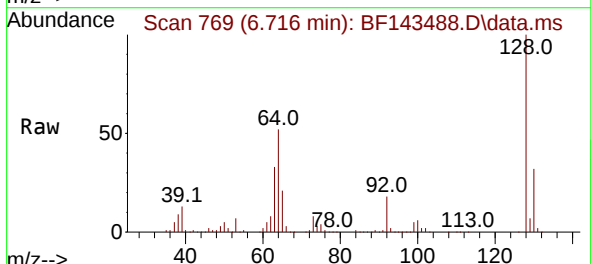
Delta R.T. -0.006 min

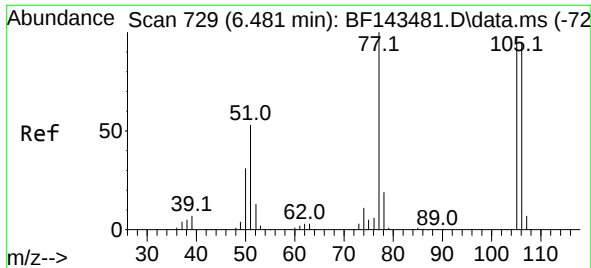
Lab File: BF143488.D

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Tgt Ion:128 Resp: 388404

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	52.0	31.6	71.6

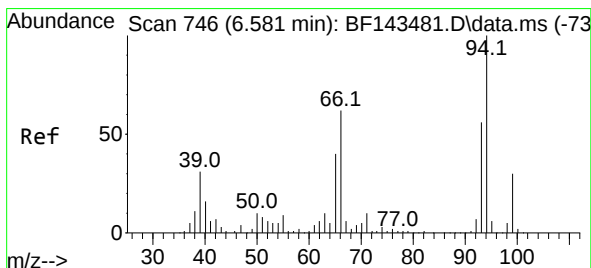
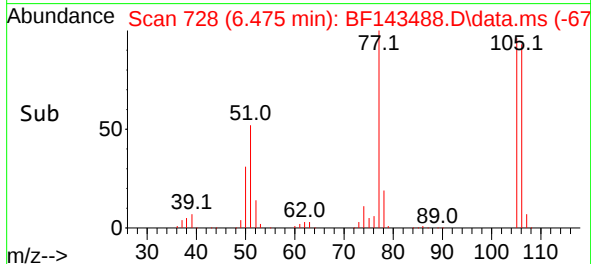
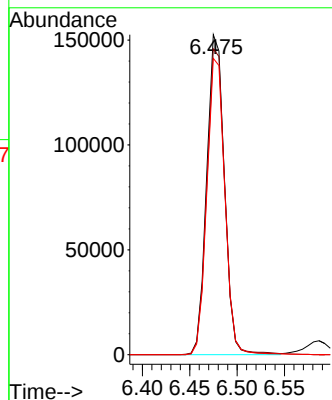
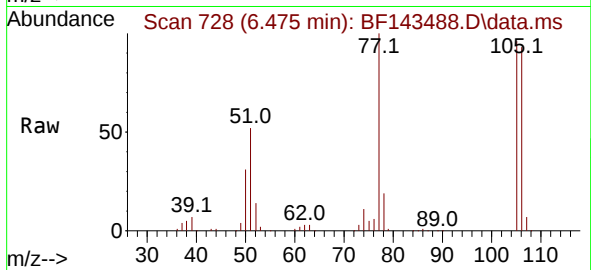




#9
Benzaldehyde
Concen: 25.496 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143488.D
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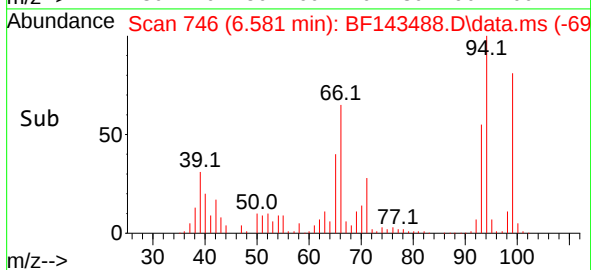
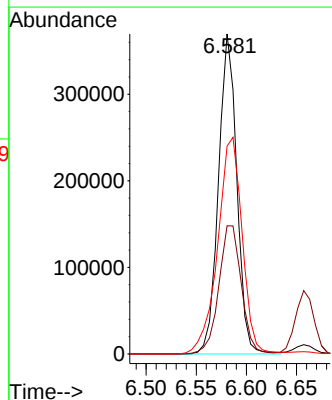
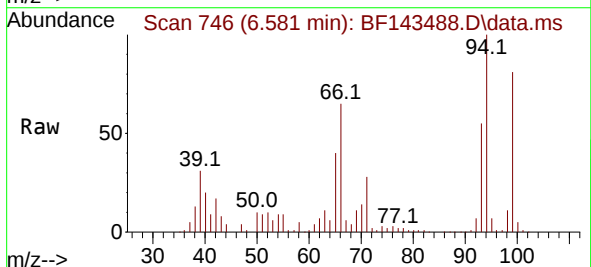
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ClientSampleId :
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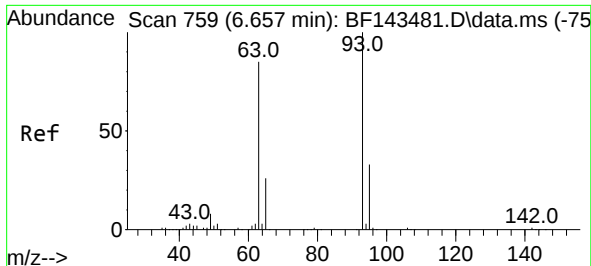
Tgt Ion: 77 Resp: 197598
Ion Ratio Lower Upper
77 100
105 95.6 78.1 118.1
106 92.6 74.9 114.9



#10
Phenol
Concen: 42.582 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 94 Resp: 469575
Ion Ratio Lower Upper
94 100
65 40.1 19.5 59.5
66 64.9 42.5 82.5

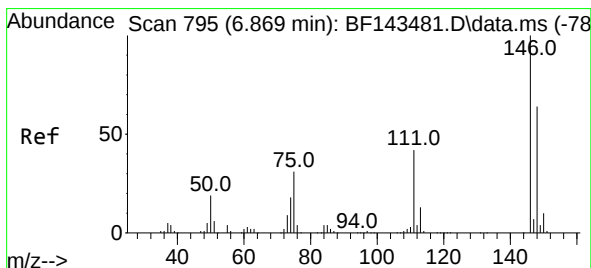
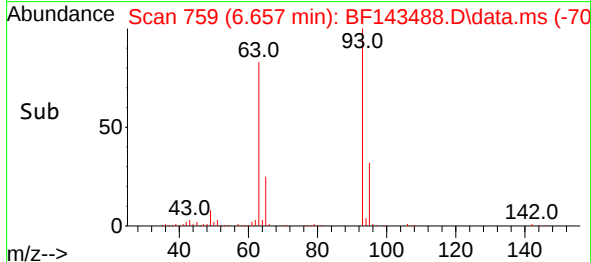
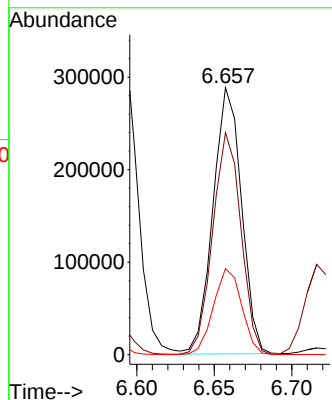
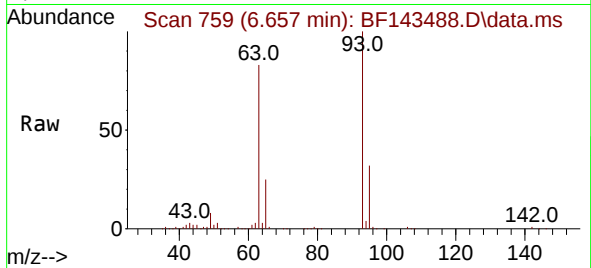




#11
bis(2-Chloroethyl)ether
Concen: 44.642 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

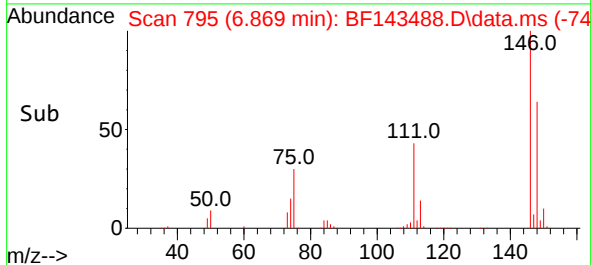
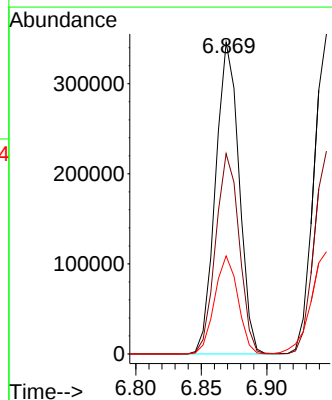
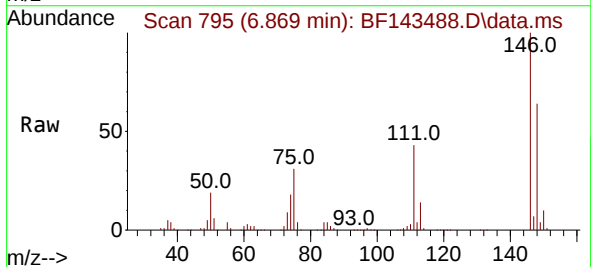
Instrument :
BNA_F
ClientSampleId :
PB169313BS

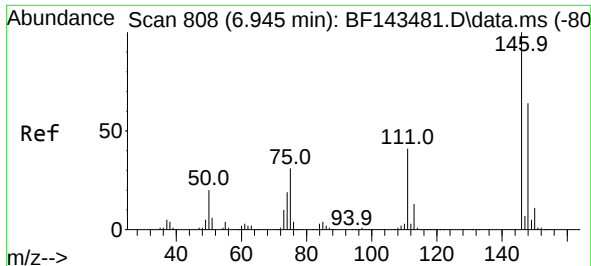
Tgt Ion: 93 Resp: 367879
Ion Ratio Lower Upper
93 100
63 83.1 63.6 103.6
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.815 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 146 Resp: 431278
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 31.5 24.7 37.1

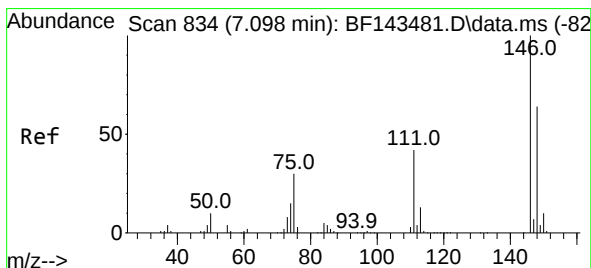
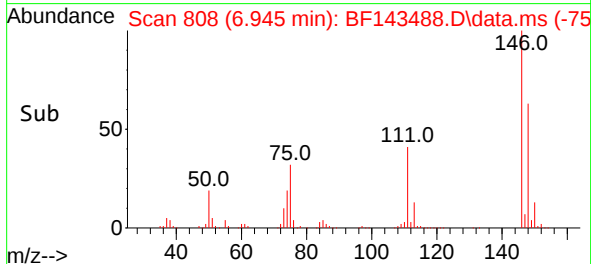
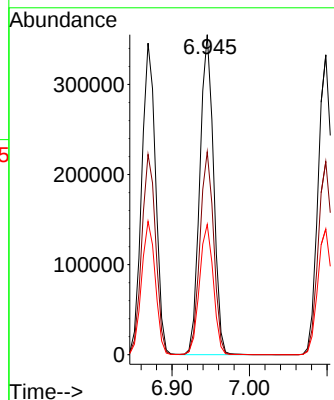
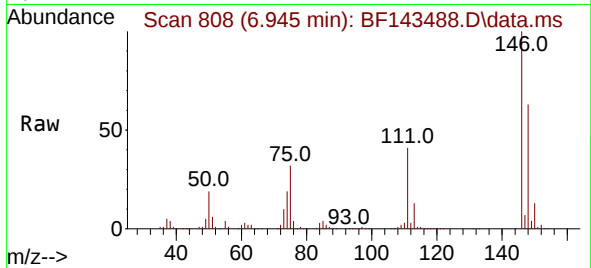




#13
1,4-Dichlorobenzene
Concen: 45.405 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

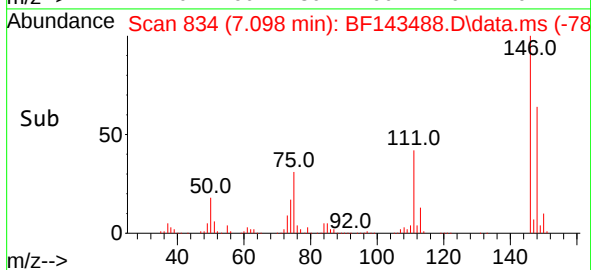
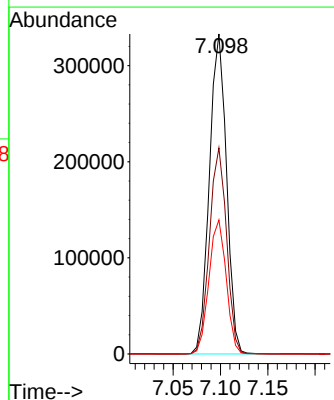
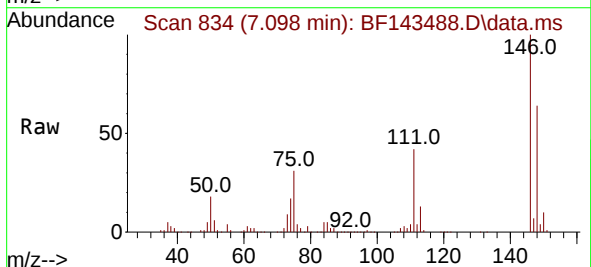
Instrument :
BNA_F
ClientSampleId :
PB169313BS

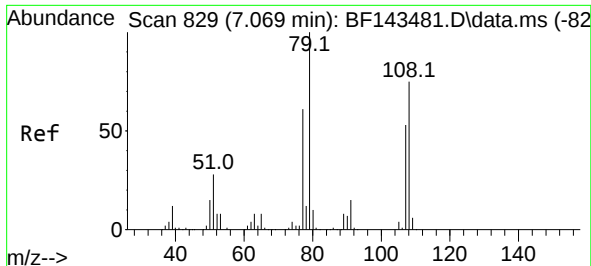
Tgt Ion:146 Resp: 438315
Ion Ratio Lower Upper
146 100
148 63.4 51.5 77.3
111 40.7 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 45.898 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:146 Resp: 419496
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 41.9 34.0 51.0

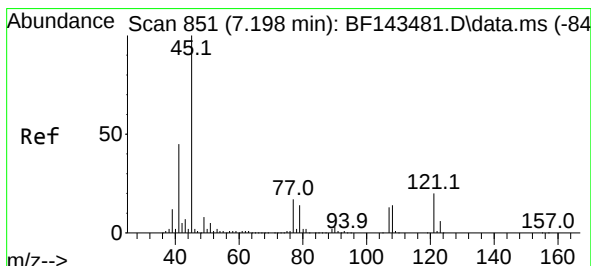
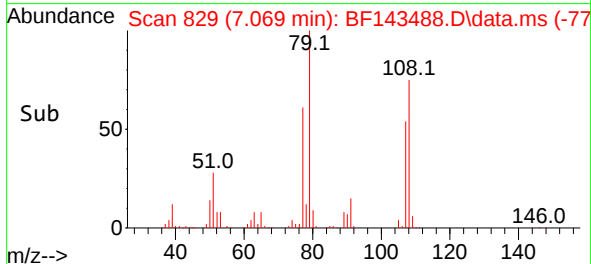
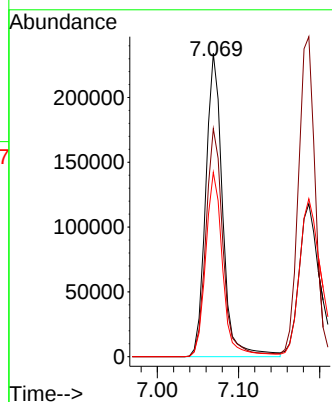
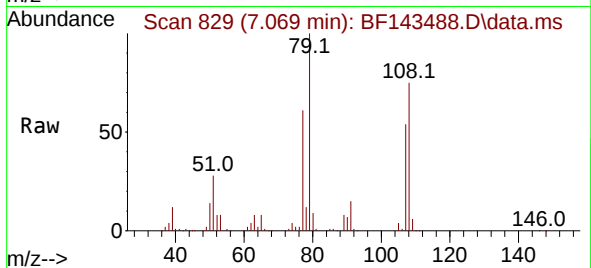




#15
Benzyl Alcohol
Concen: 47.002 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

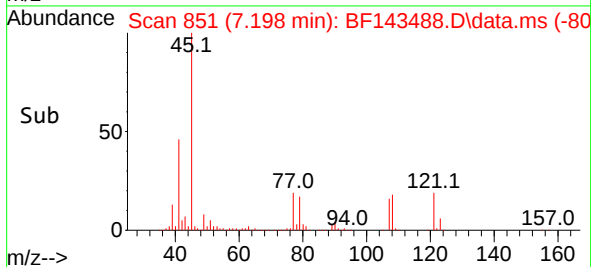
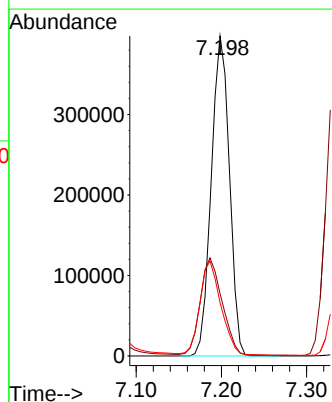
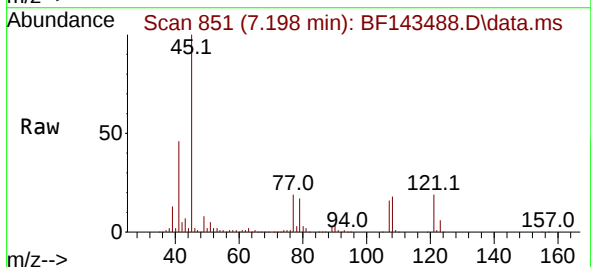
Instrument :
BNA_F
ClientSampleId :
PB169313BS

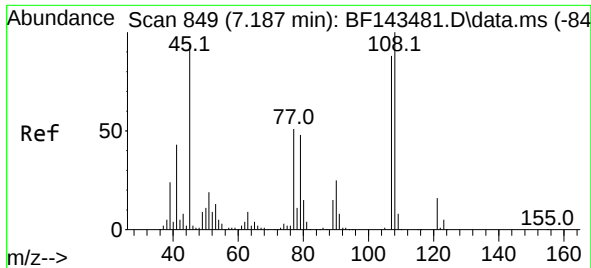
Tgt Ion: 79 Resp: 336855
Ion Ratio Lower Upper
79 100
108 75.2 59.8 89.6
77 60.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.547 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 45 Resp: 587313
Ion Ratio Lower Upper
45 100
77 19.5 0.0 37.9
79 16.7 0.0 34.7

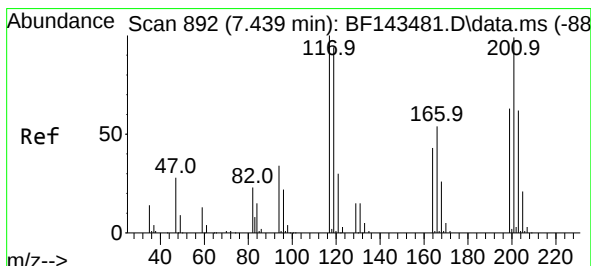
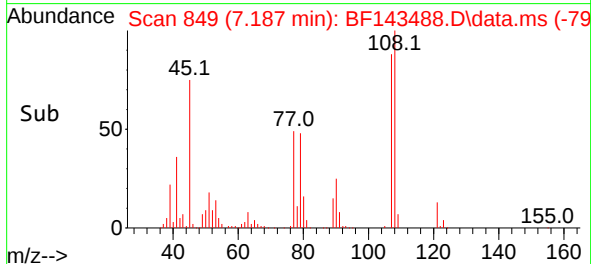
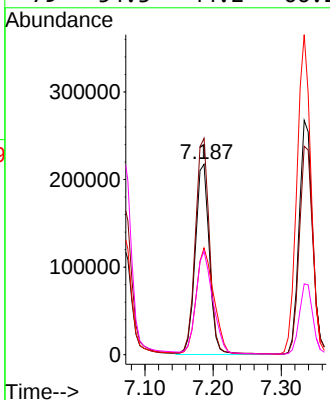
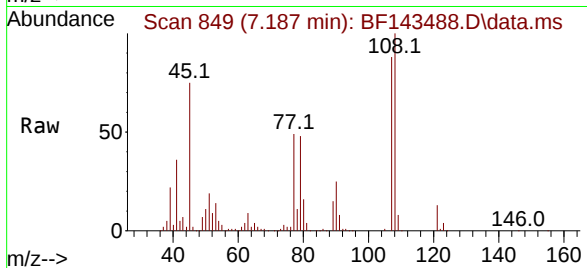




#17
2-Methylphenol
Concen: 45.717 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

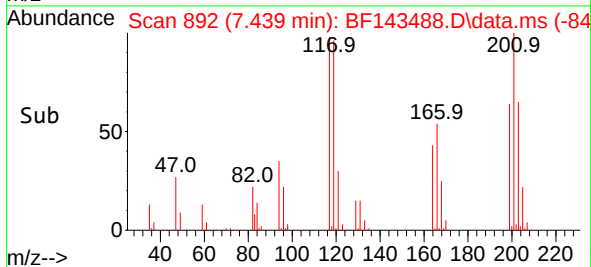
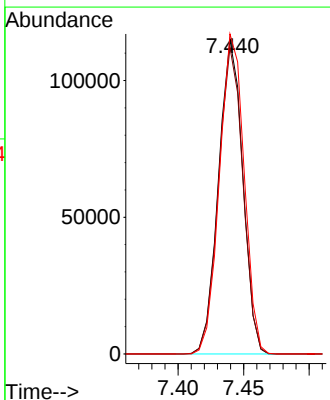
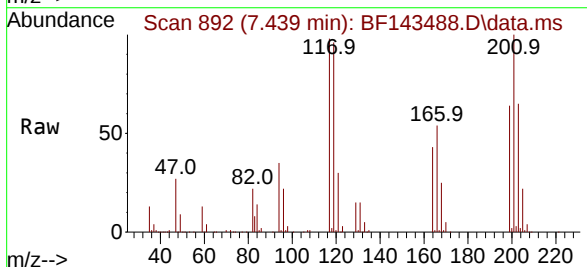
Instrument :
BNA_F
ClientSampleId :
PB169313BS

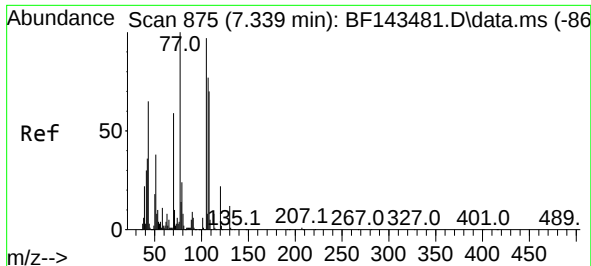
Tgt Ion:	107	Resp:	314264
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	56.1	46.2	69.4
79	54.3	44.2	66.2



#18
Hexachloroethane
Concen: 45.094 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:	117	Resp:	148005
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.4	113.0
201	101.8	79.0	118.4



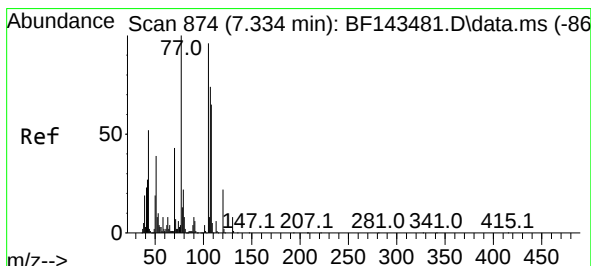
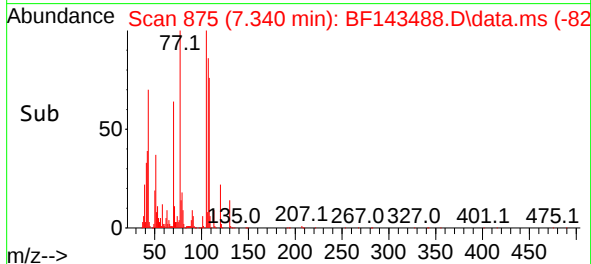
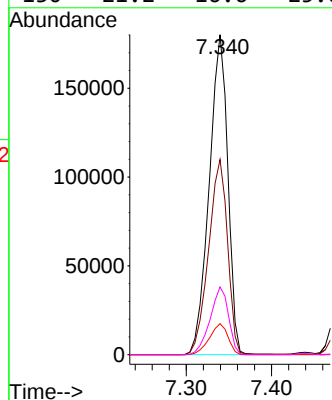
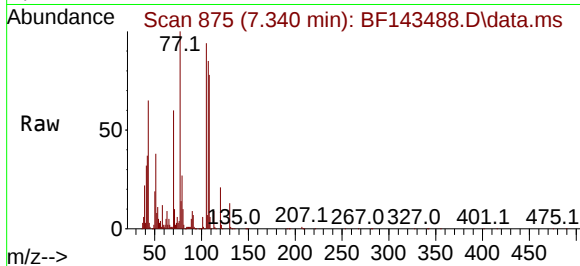


#19
n-Nitroso-di-n-propylamine
Concen: 46.727 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Instrument :
BNA_F
ClientSampleId :
PB169313BS

Tgt Ion: 70 Resp: 273392

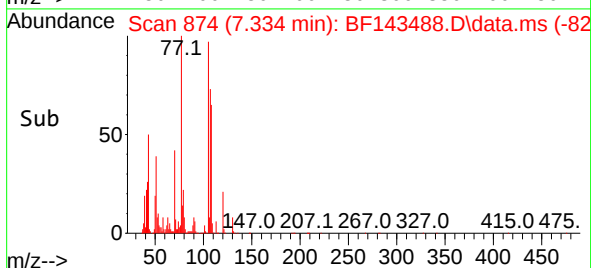
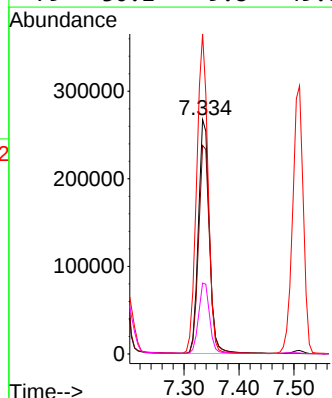
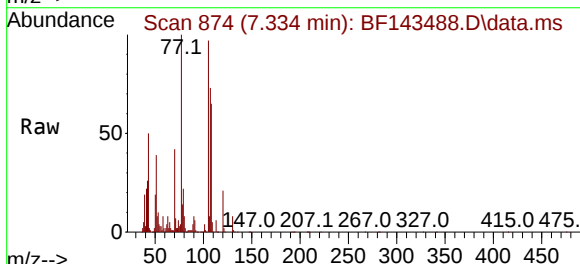
Ion	Ratio	Lower	Upper
70	100		
42	61.0	49.3	73.9
101	9.7	7.8	11.8
130	21.2	16.6	25.0

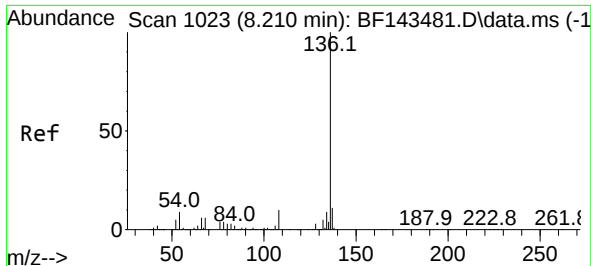


#20
3+4-Methylphenols
Concen: 45.128 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 107 Resp: 370330

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.4	108.4
77	136.5	116.1	156.1
79	30.2	9.8	49.8

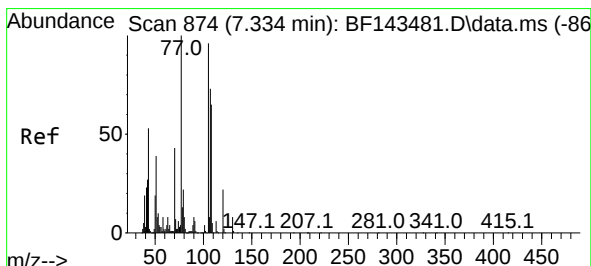
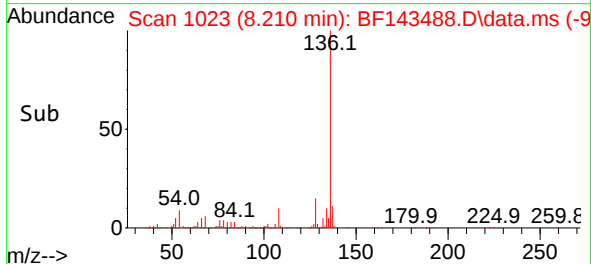
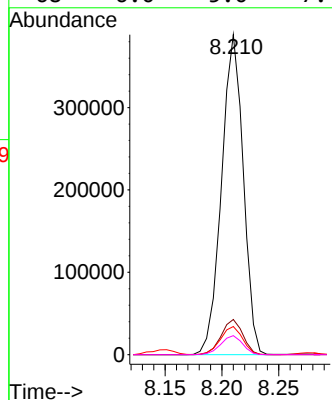
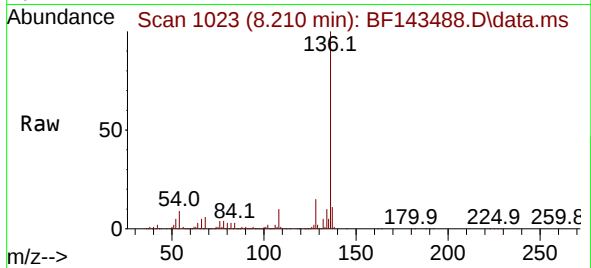




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

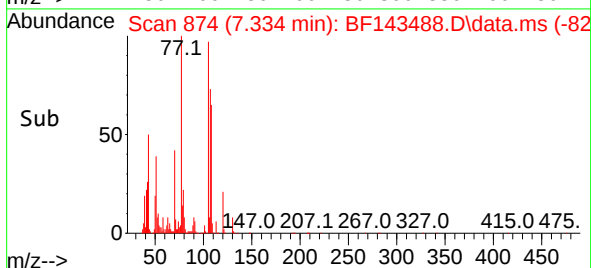
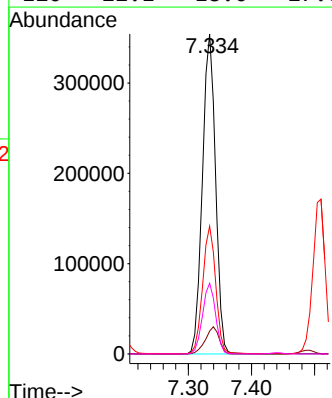
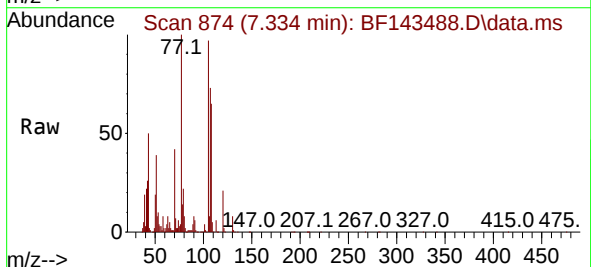
Instrument :
BNA_F
ClientSampleId :
PB169313BS

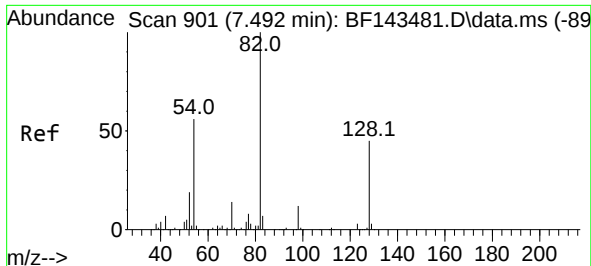
Tgt Ion:	136	Resp:	517174
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	8.8	7.4	11.2
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 45.905 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:	105	Resp:	512901
Ion Ratio	Lower	Upper	
105	100		
71	7.1	5.9	8.9
51	40.0	32.5	48.7
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 92.749 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

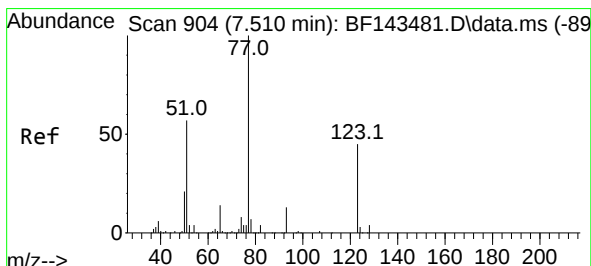
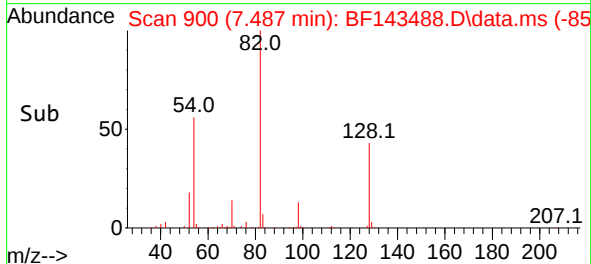
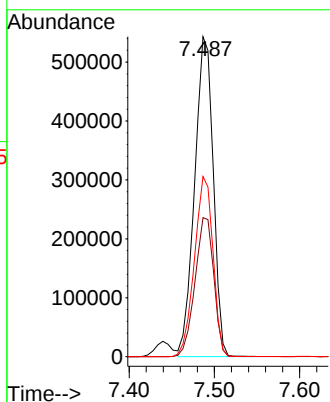
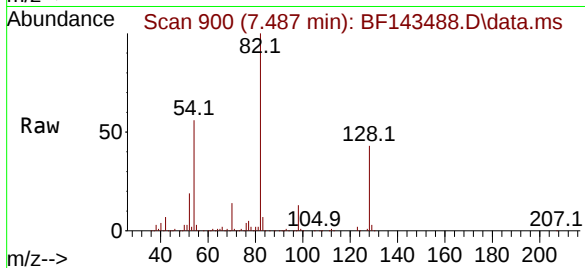
Tgt Ion: 82 Resp: 821994

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

54 56.3 44.3 66.5



#24

Nitrobenzene

Concen: 44.977 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

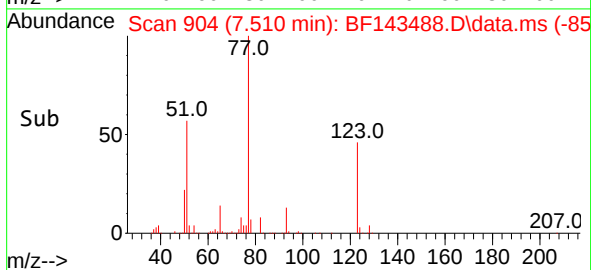
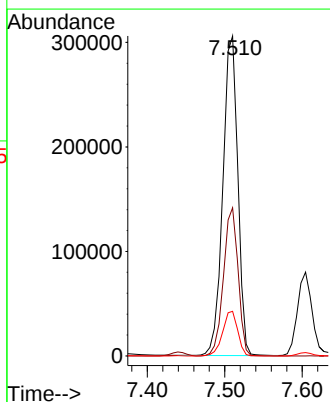
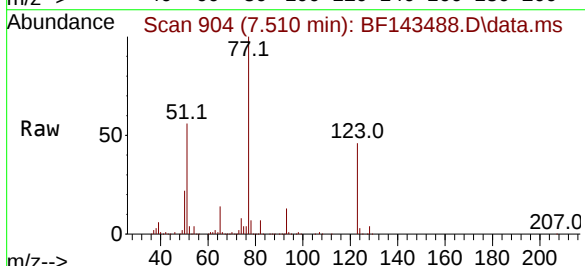
Tgt Ion: 77 Resp: 410266

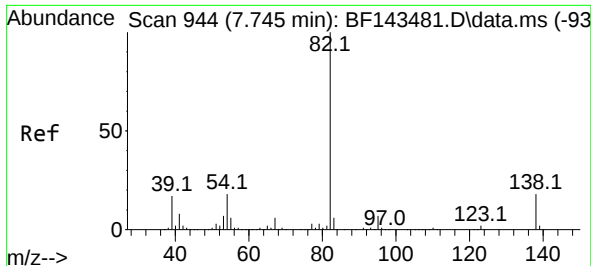
Ion Ratio Lower Upper

77 100

123 46.3 36.1 54.1

65 13.9 11.0 16.6

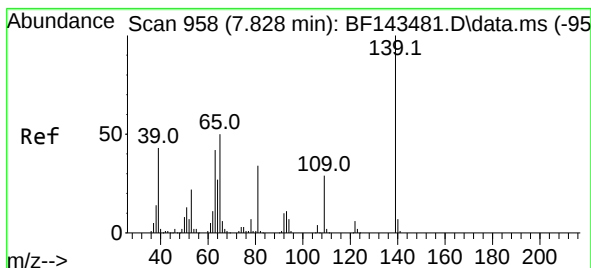
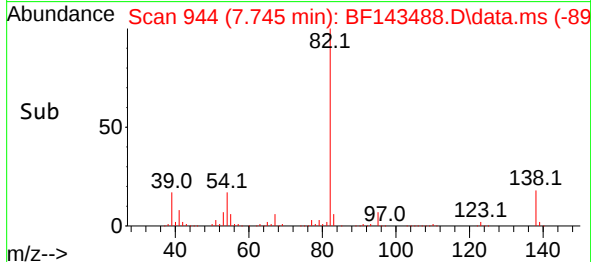
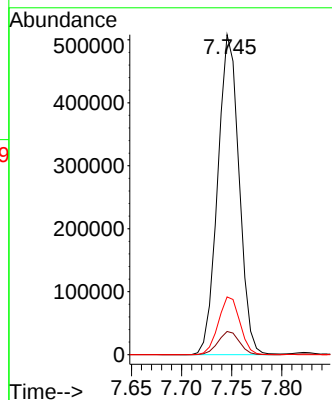
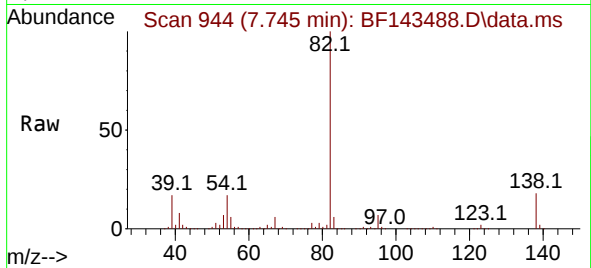




#25
Isophorone
Concen: 46.335 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

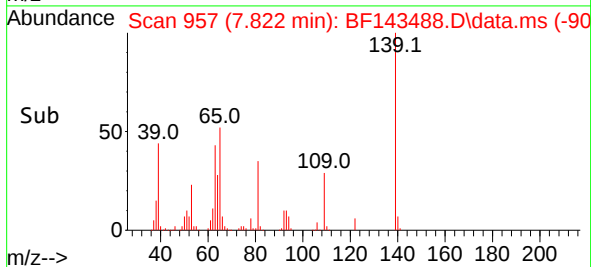
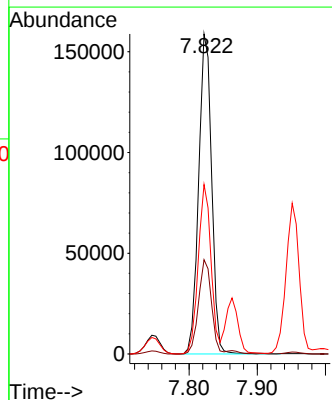
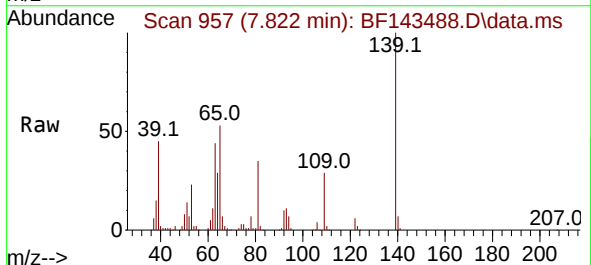
Instrument :
BNA_F
ClientSampleId :
PB169313BS

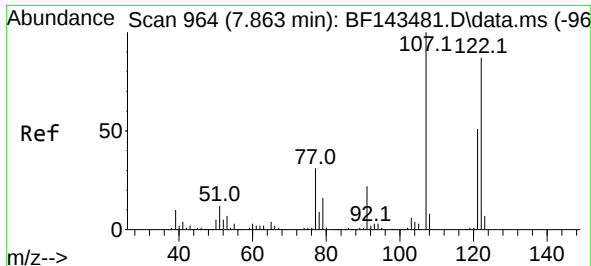
Tgt Ion: 82 Resp: 752754
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 18.1 14.2 21.4



#26
2-Nitrophenol
Concen: 47.055 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

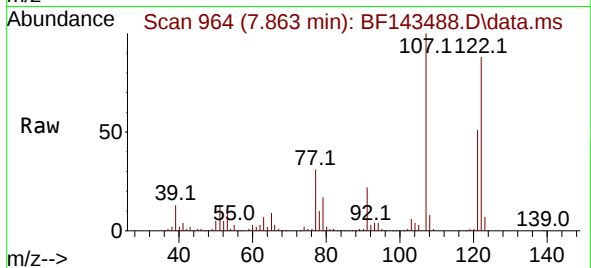
Tgt Ion:139 Resp: 210247
Ion Ratio Lower Upper
139 100
109 29.4 23.0 34.6
65 53.0 40.3 60.5



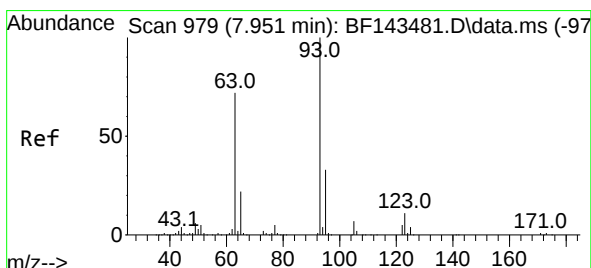
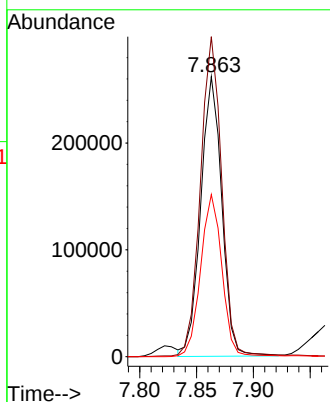
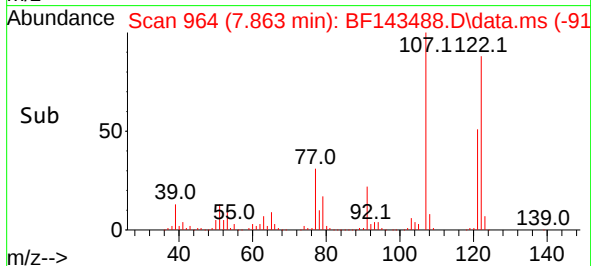


#27
2,4-Dimethylphenol
Concen: 48.462 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

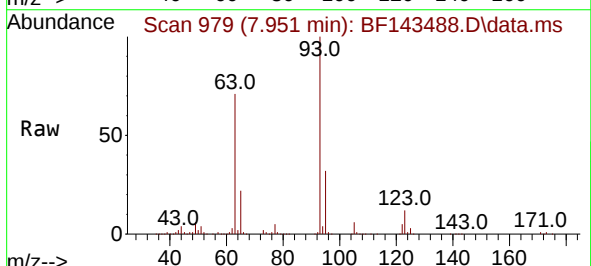
Instrument :
BNA_F
ClientSampleId :
PB169313BS



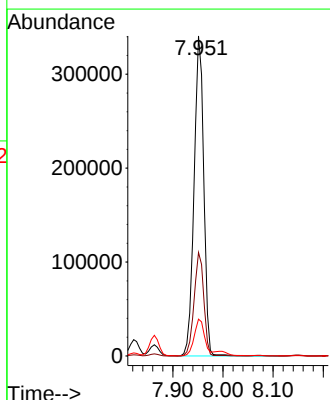
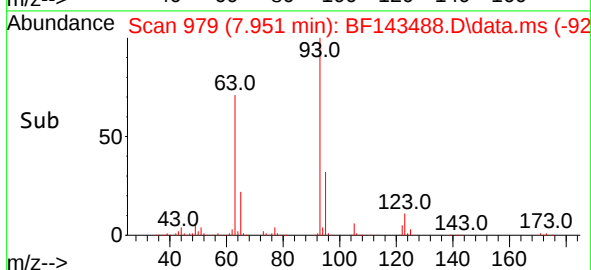
Tgt Ion:122 Resp: 337545
Ion Ratio Lower Upper
122 100
107 114.3 91.5 137.3
121 57.9 47.0 70.4

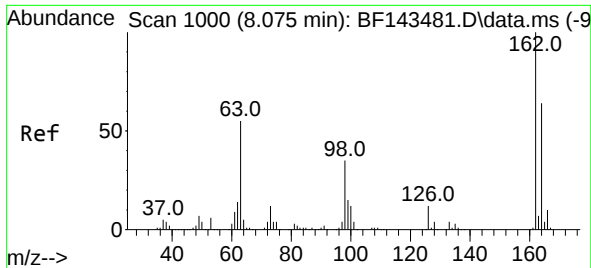


#28
bis(2-Chloroethoxy)methane
Concen: 45.730 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44



Tgt Ion: 93 Resp: 456571
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.5 9.1 13.7

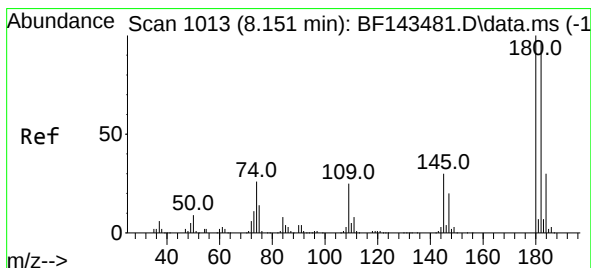
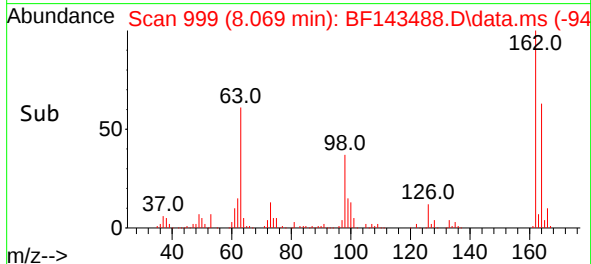
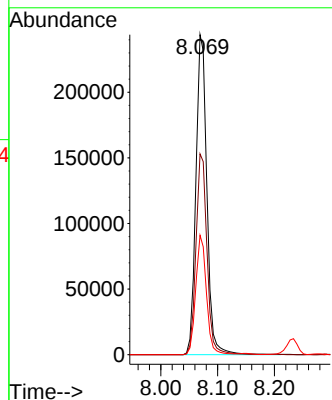
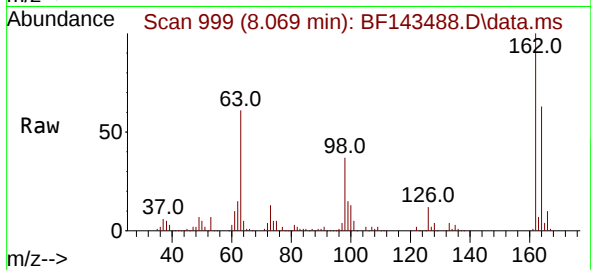




#29
2,4-Dichlorophenol
Concen: 44.255 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

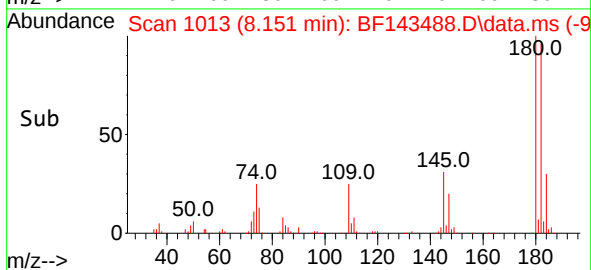
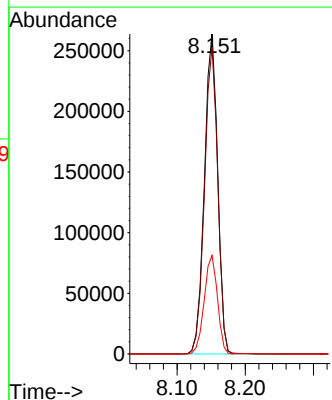
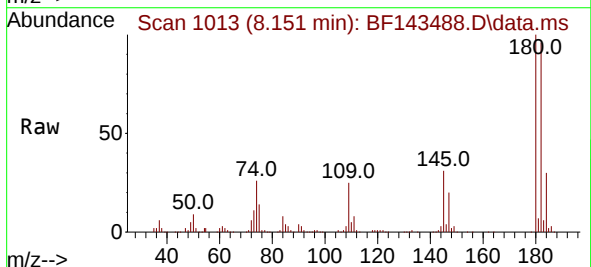
Instrument :
BNA_F
ClientSampleId :
PB169313BS

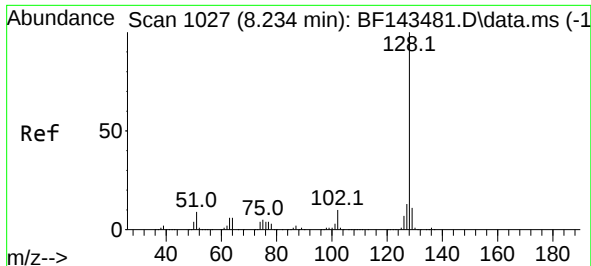
Tgt Ion:162 Resp: 329205
Ion Ratio Lower Upper
162 100
164 62.8 43.5 83.5
98 37.3 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 46.695 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:180 Resp: 357138
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 30.8 24.3 36.5

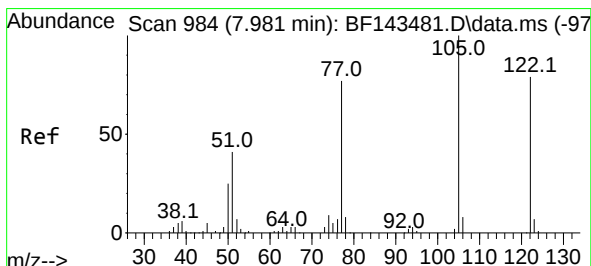
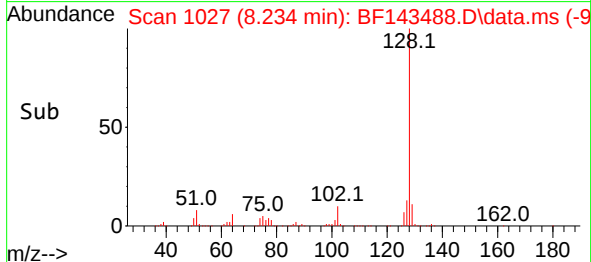
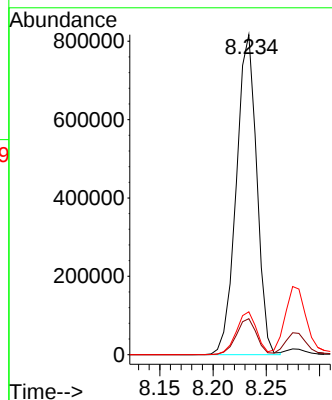
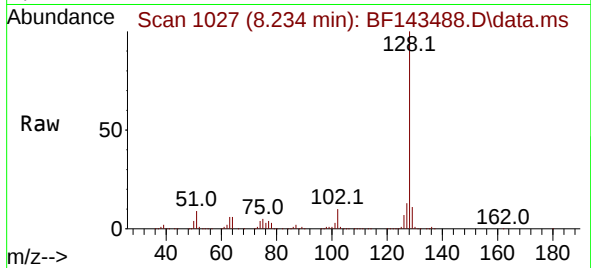




#31
Naphthalene
Concen: 43.850 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

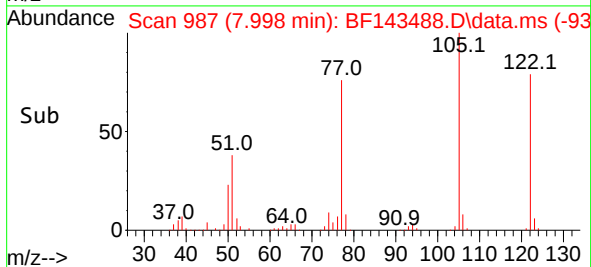
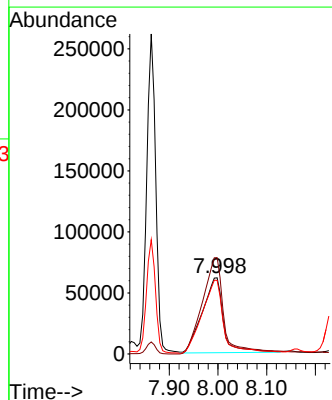
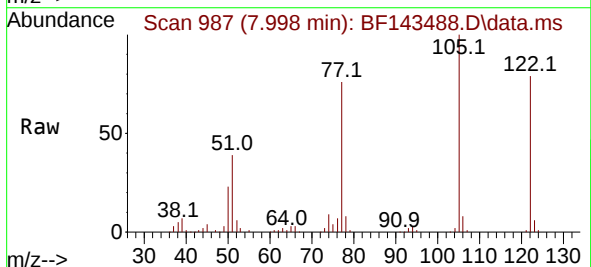
Instrument :
BNA_F
ClientSampleId :
PB169313BS

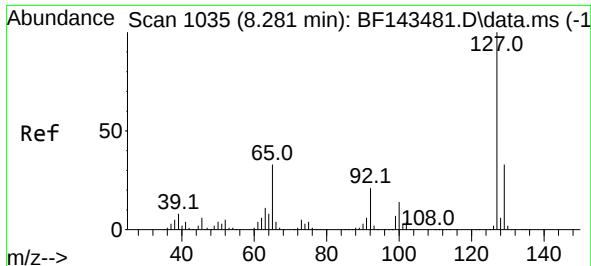
Tgt Ion:128 Resp: 1088785
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 47.131 ng
RT: 7.998 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:122 Resp: 186131
Ion Ratio Lower Upper
122 100
105 126.3 104.7 144.7
77 96.5 77.3 117.3

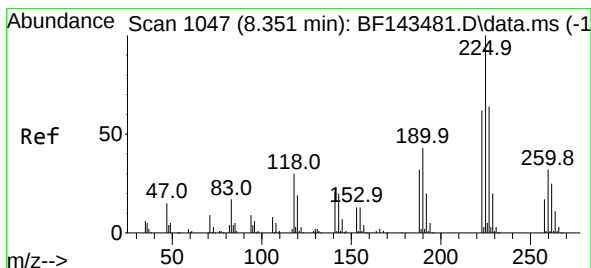
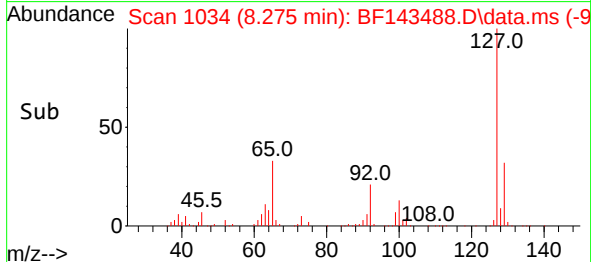
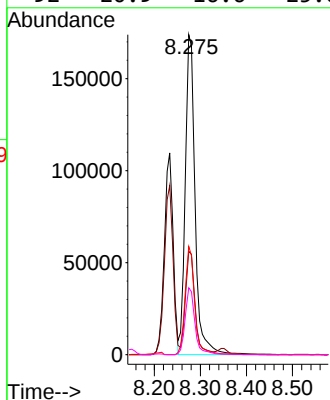
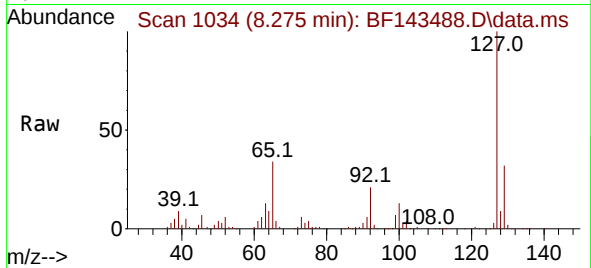




#33
4-Chloroaniline
Concen: 29.271 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

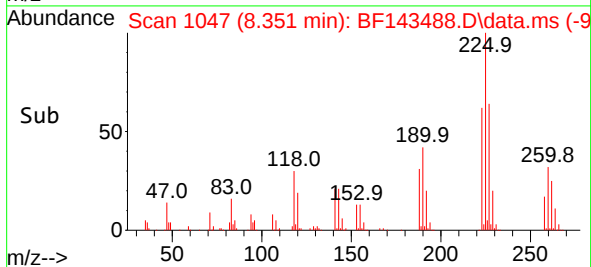
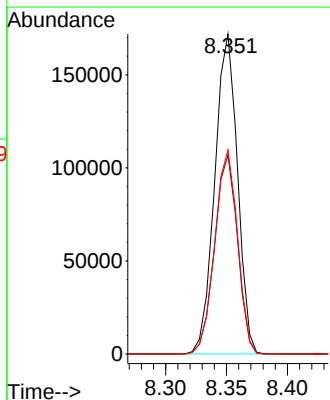
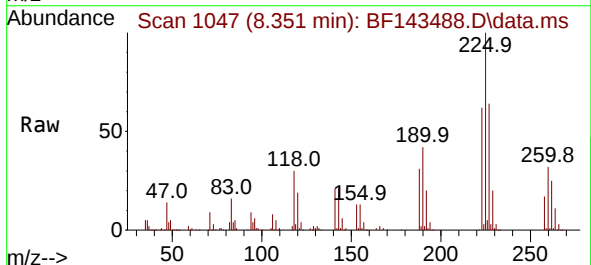
Instrument :
BNA_F
ClientSampleId :
PB169313BS

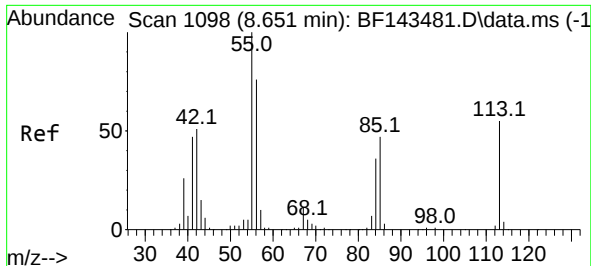
Tgt Ion:	127	Resp:	257956
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	33.8	26.2	39.2
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.793 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:	225	Resp:	223510
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	63.8	50.9	76.3

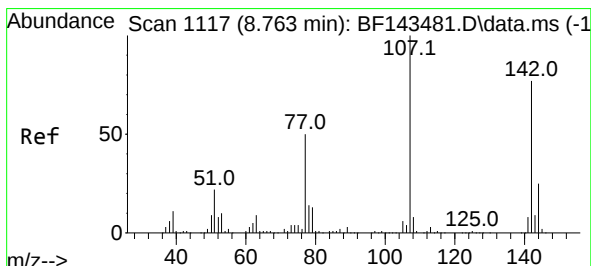
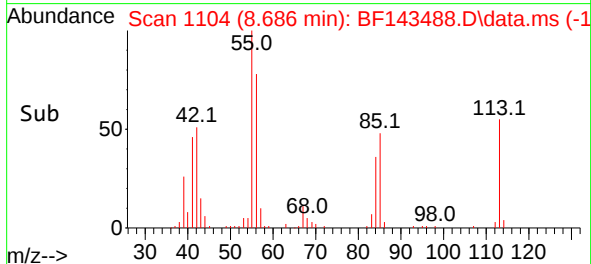
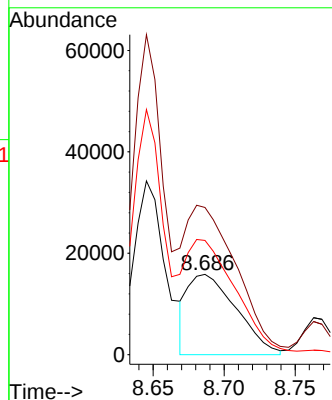
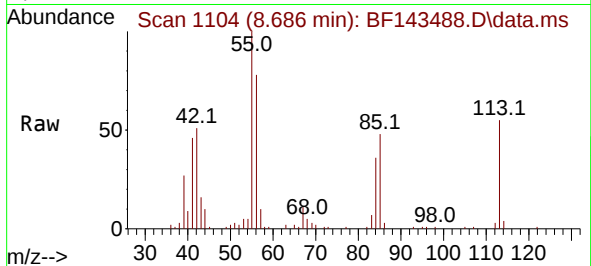




#35
 Caprolactam
 Concen: 21.113 ng
 RT: 8.686 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

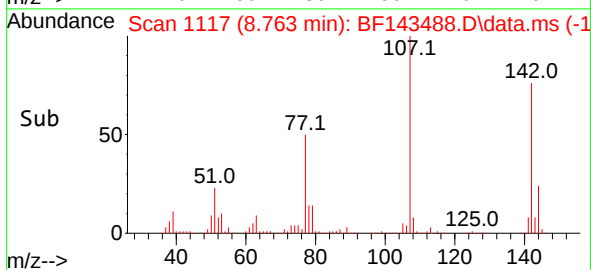
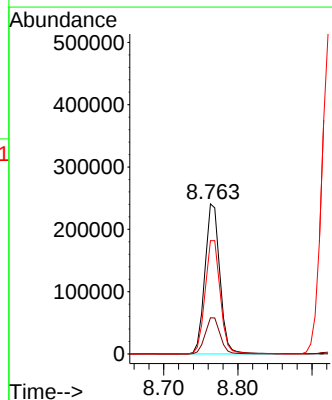
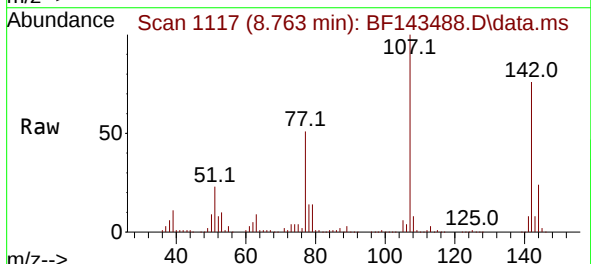
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BS

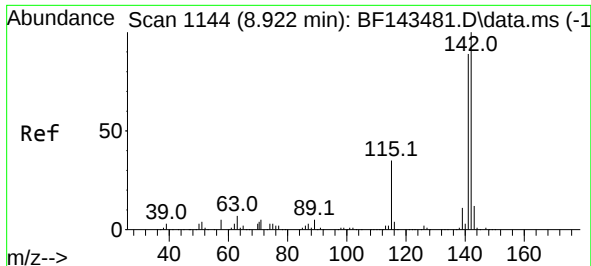
Tgt Ion:113 Resp: 37688
 Ion Ratio Lower Upper
 113 100
 55 183.2 162.8 202.8
 56 142.3 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.448 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

Tgt Ion:107 Resp: 338812
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.9 29.9
 142 75.5 61.8 92.8

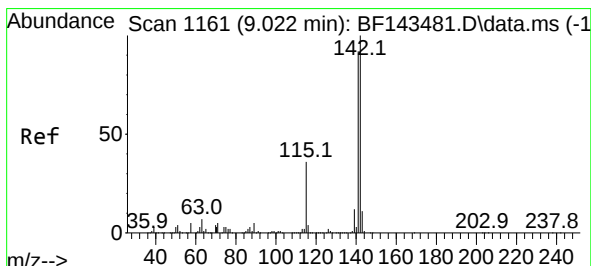
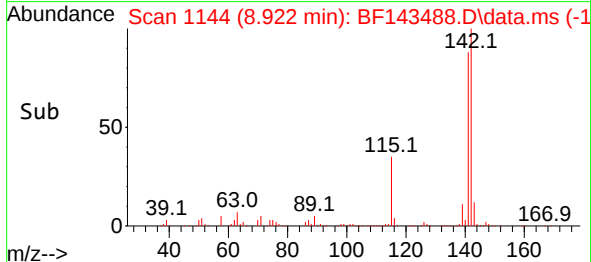
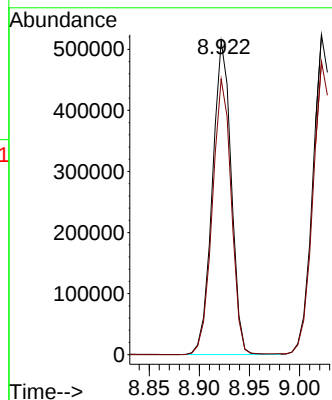
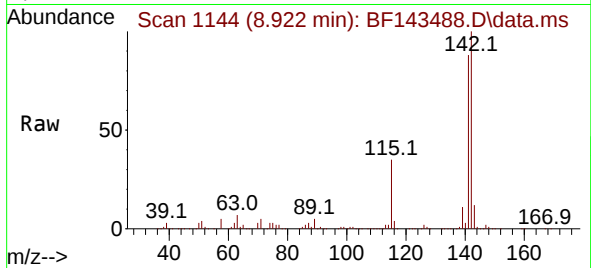




#37
2-Methylnaphthalene
Concen: 40.368 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

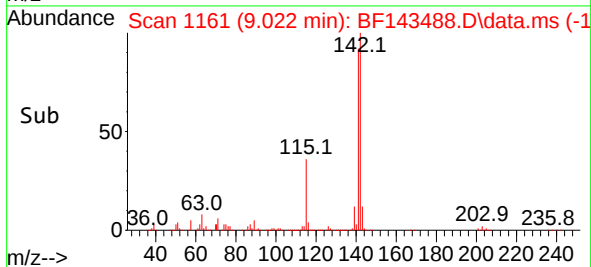
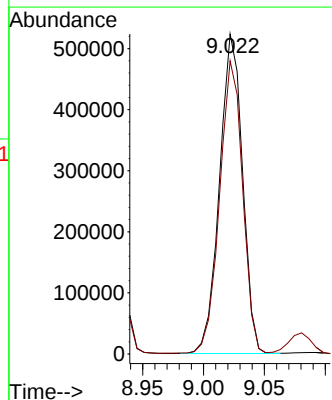
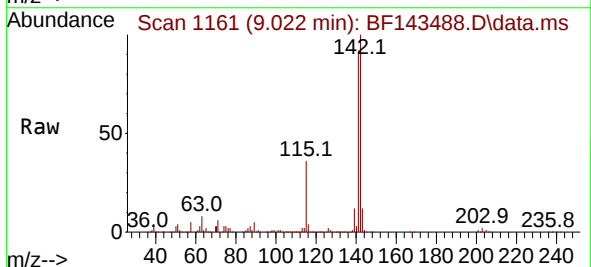
Instrument :
BNA_F
ClientSampleId :
PB169313BS

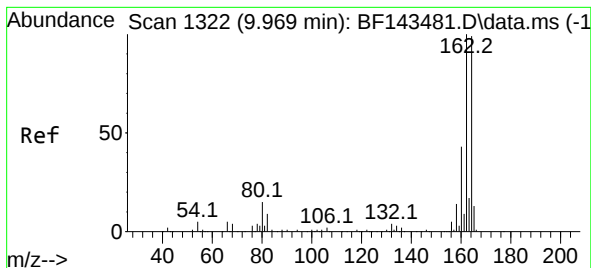
Tgt Ion:142 Resp: 669435
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.326 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:142 Resp: 687275
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

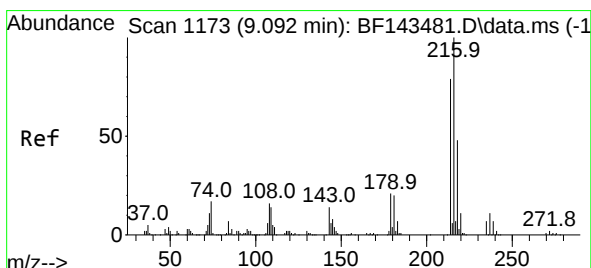
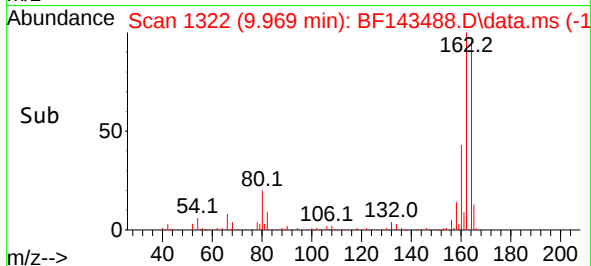
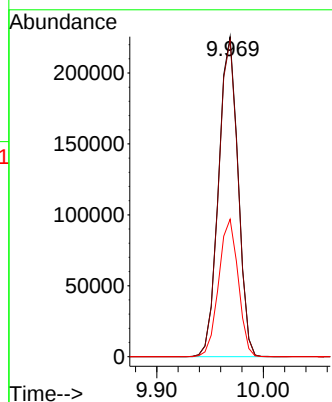
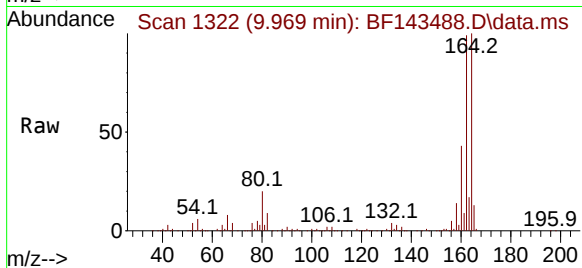
Tgt Ion:164 Resp: 285363

Ion Ratio Lower Upper

164 100

162 99.0 80.5 120.7

160 43.0 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.256 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Tgt Ion:216 Resp: 353074

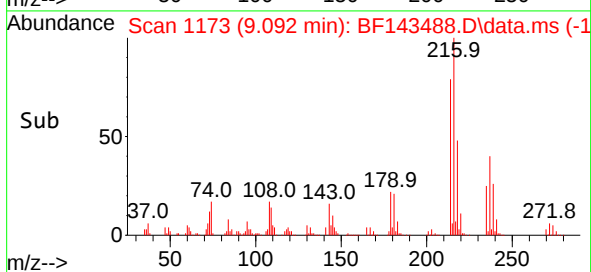
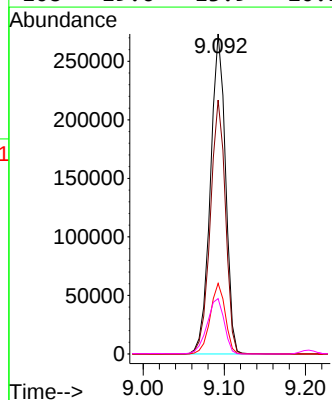
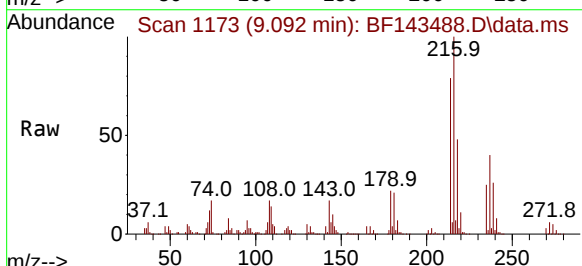
Ion Ratio Lower Upper

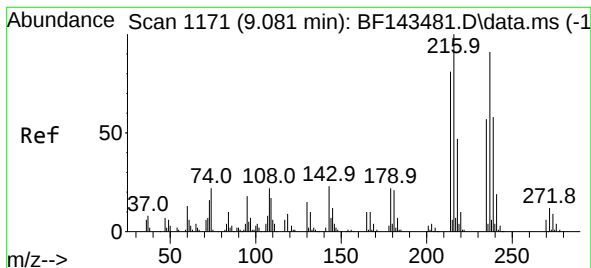
216 100

214 79.3 63.4 95.0

179 21.8 16.5 24.7

108 19.6 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 120.520 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

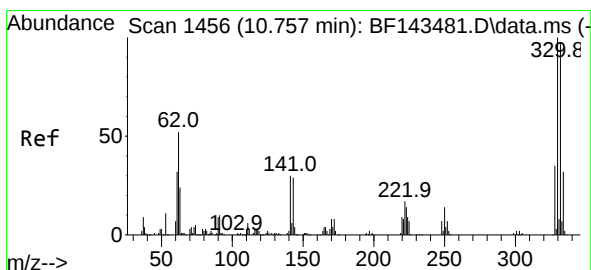
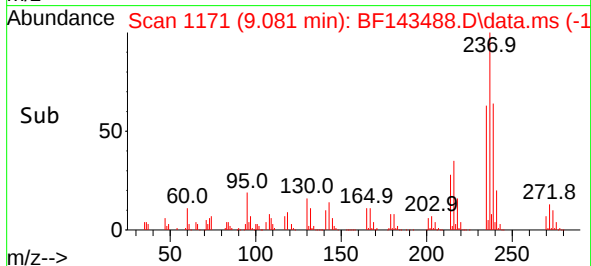
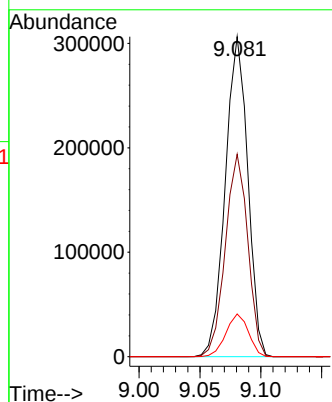
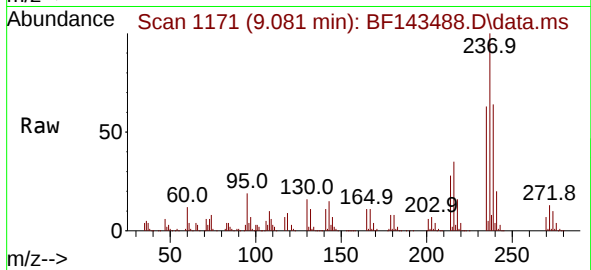
Tgt Ion:237 Resp: 393494

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

272 13.3 0.0 33.4



#42

2,4,6-Tribromophenol

Concen: 140.169 ng

RT: 10.763 min Scan# 1457

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

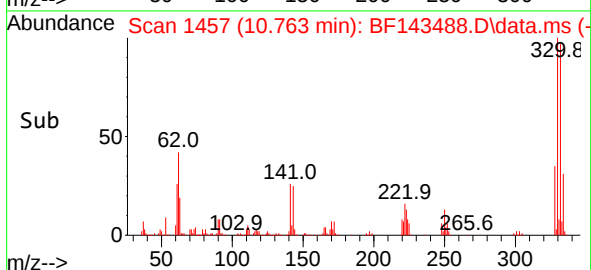
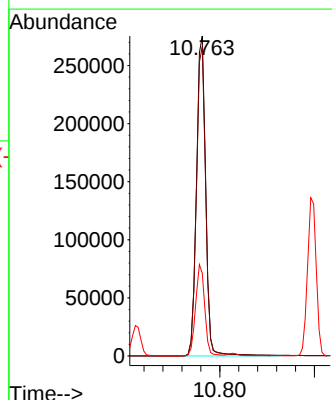
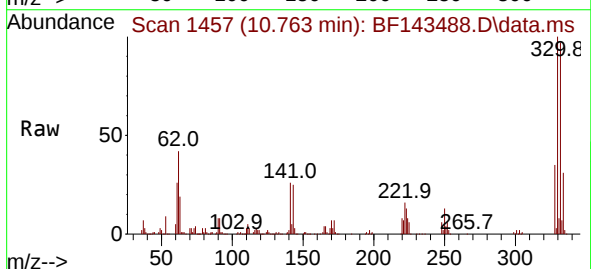
Tgt Ion:330 Resp: 372333

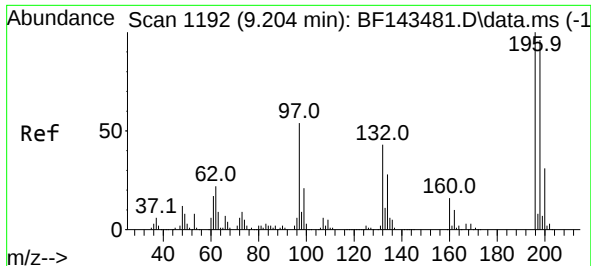
Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 28.1 23.7 35.5

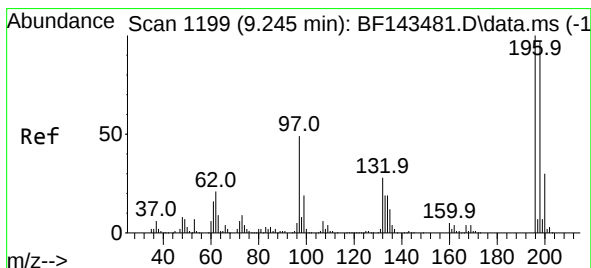
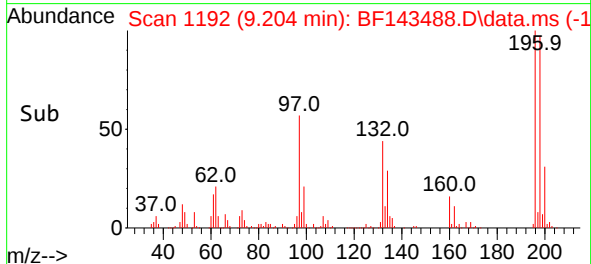
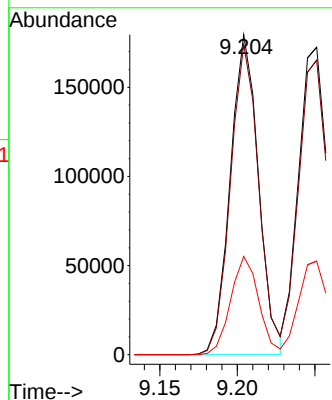
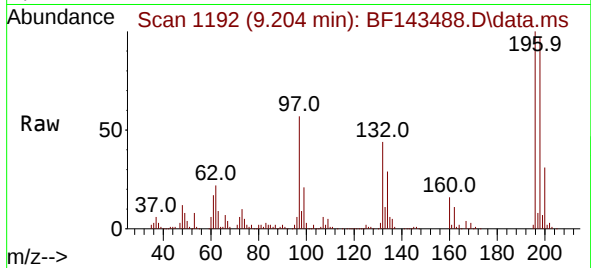




#43
2,4,6-Trichlorophenol
Concen: 45.316 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

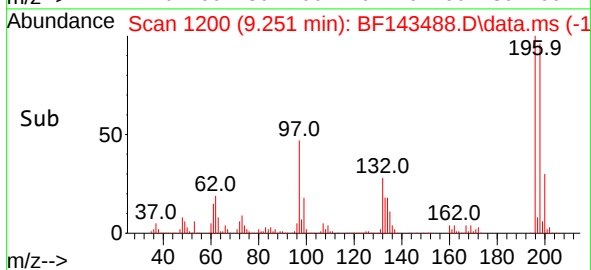
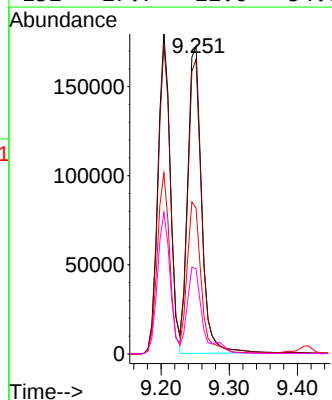
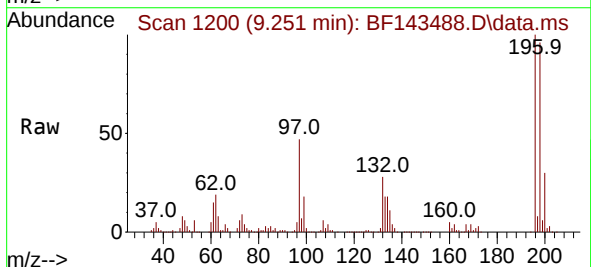
Instrument :
BNA_F
ClientSampleId :
PB169313BS

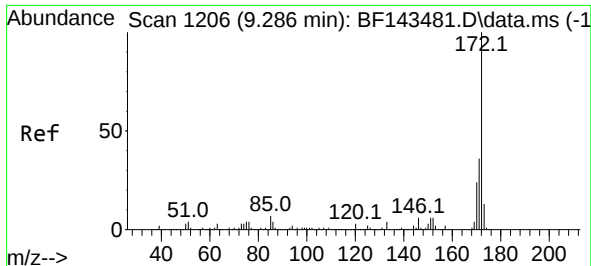
Tgt Ion:196 Resp: 227602
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.4
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.233 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:196 Resp: 242677
Ion Ratio Lower Upper
196 100
198 95.8 77.3 115.9
97 47.4 40.0 60.0
132 27.7 22.6 34.0

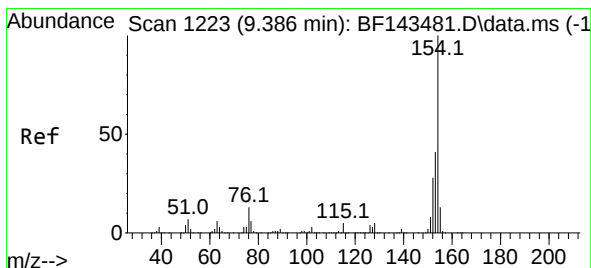
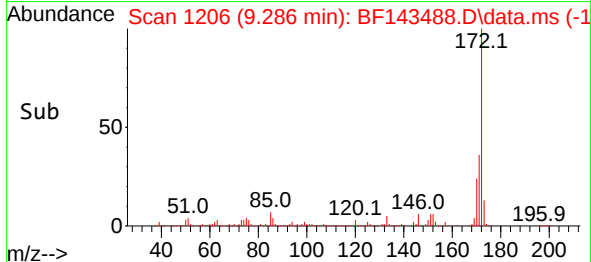
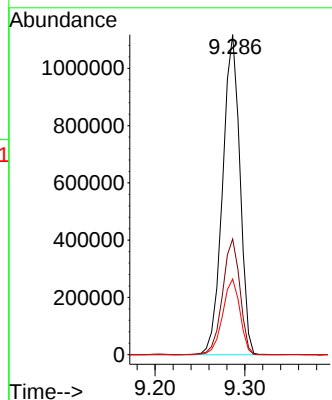
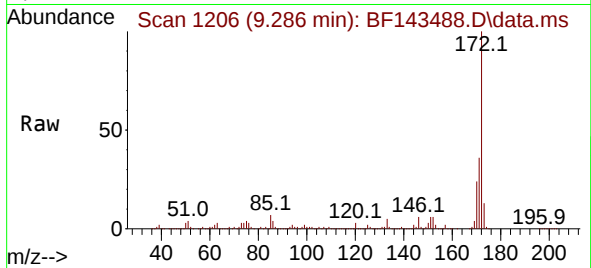




#45
2-Fluorobiphenyl
Concen: 86.643 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

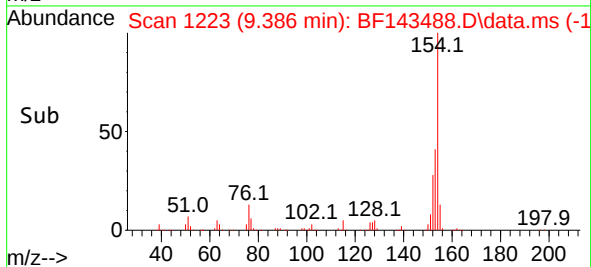
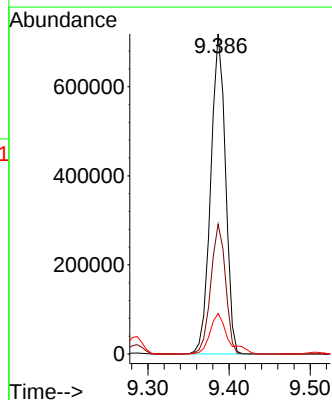
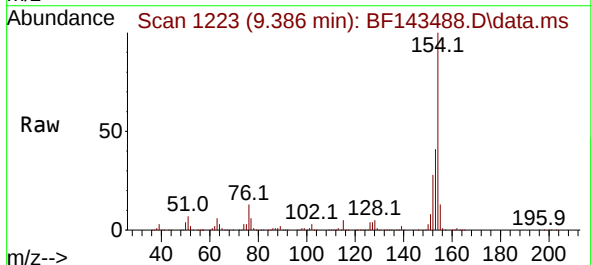
Instrument :
BNA_F
ClientSampleId :
PB169313BS

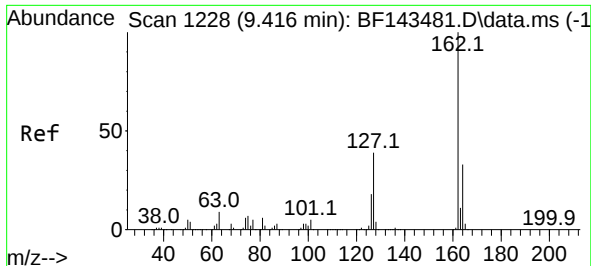
Tgt Ion:172 Resp: 1496037
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.702 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:154 Resp: 905413
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.7 0.0 33.0

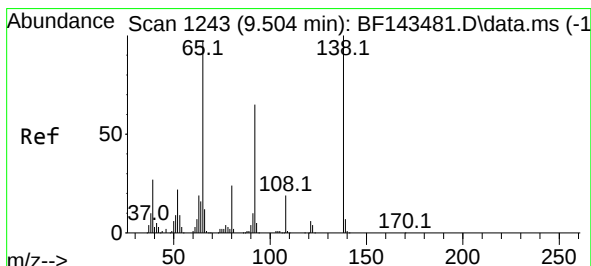
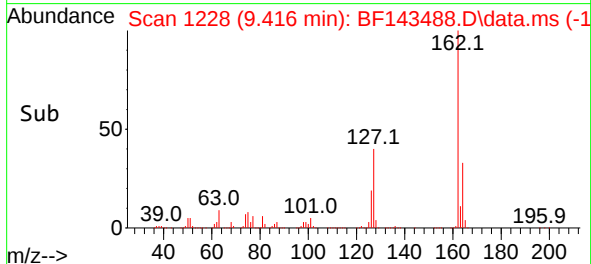
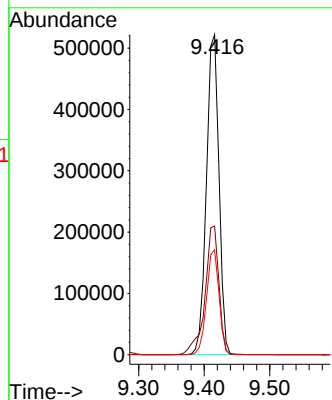
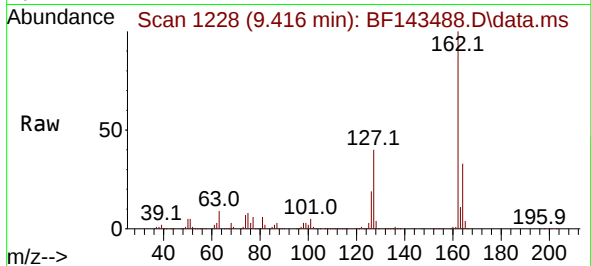




#47
2-Chloronaphthalene
Concen: 43.821 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

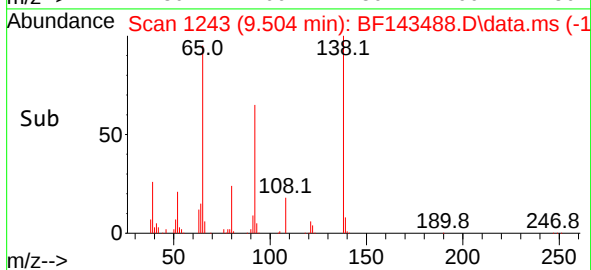
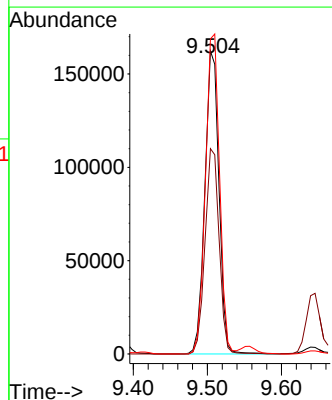
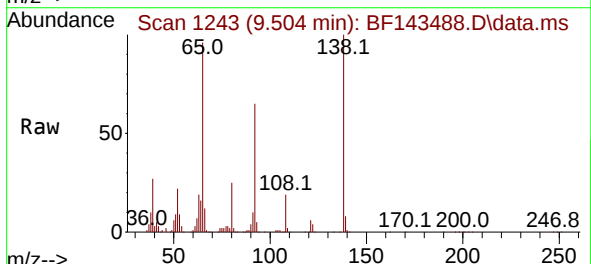
Instrument :
BNA_F
ClientSampleId :
PB169313BS

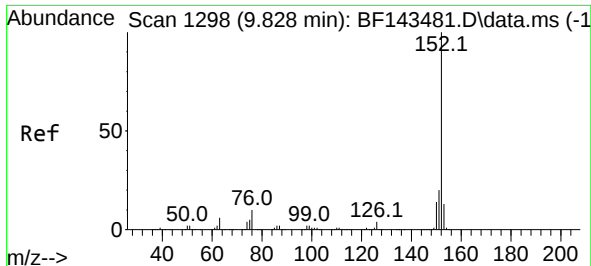
Tgt Ion:162 Resp: 696404
Ion Ratio Lower Upper
162 100
127 40.2 31.8 47.6
164 32.8 26.4 39.6



#48
2-Nitroaniline
Concen: 46.205 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion: 65 Resp: 214901
Ion Ratio Lower Upper
65 100
92 67.8 53.8 80.6
138 104.0 82.4 123.6





#49

Acenaphthylene

Concen: 49.533 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

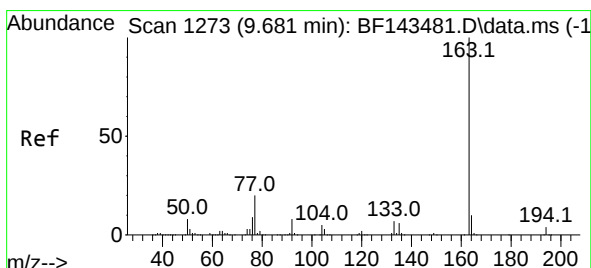
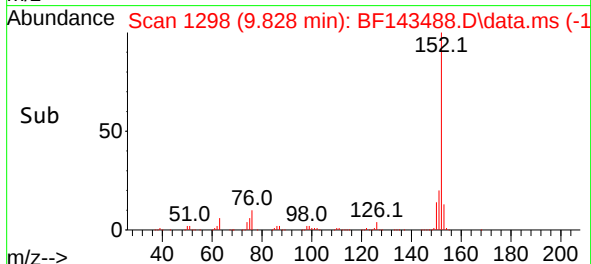
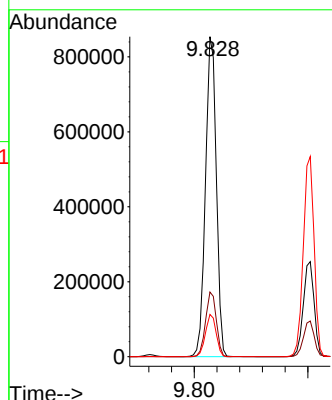
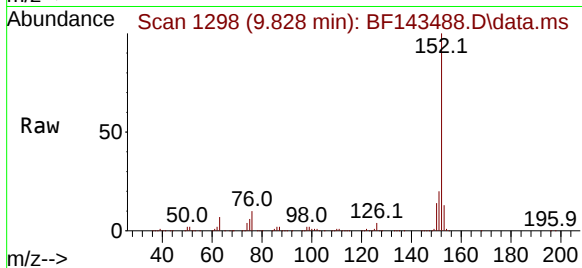
Tgt Ion:152 Resp: 1127144

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 46.684 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

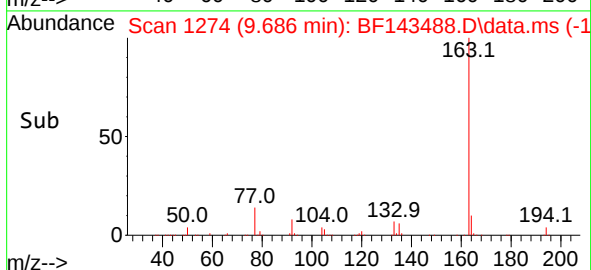
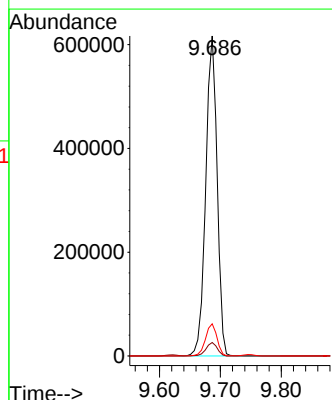
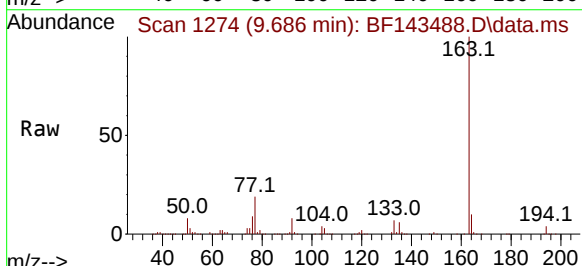
Tgt Ion:163 Resp: 802340

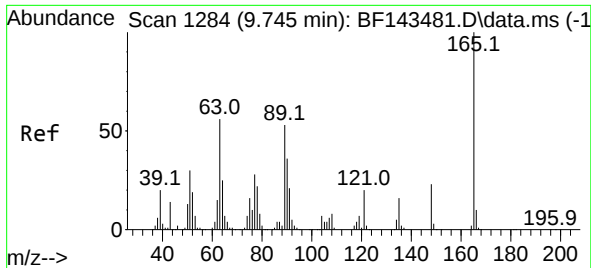
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.2 12.2

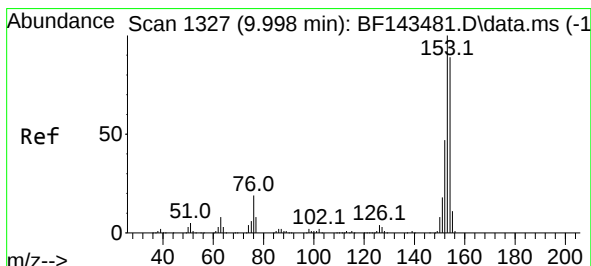
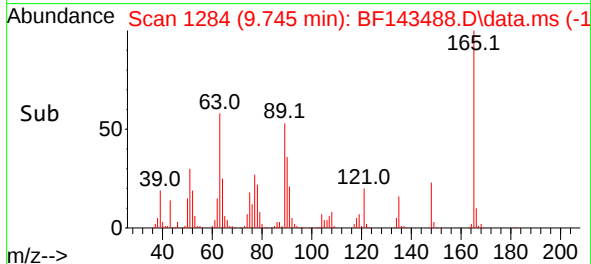
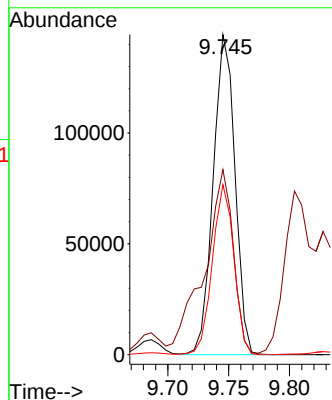
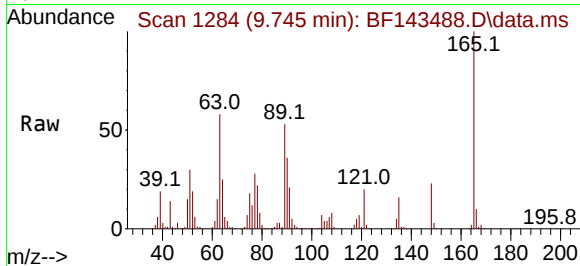




#51
2,6-Dinitrotoluene
Concen: 50.396 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

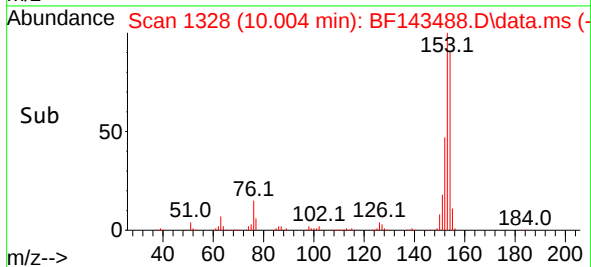
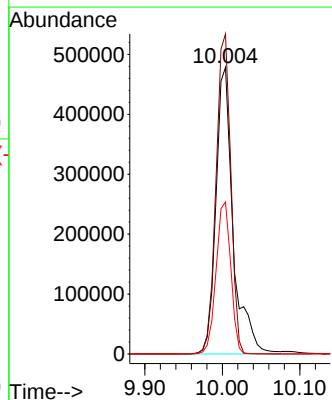
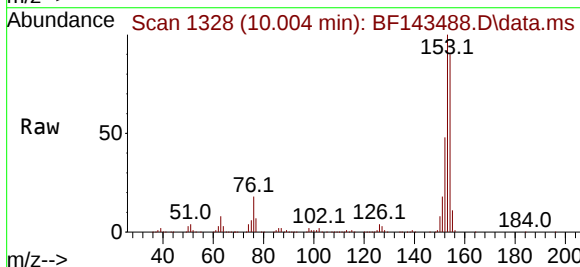
Instrument :
BNA_F
ClientSampleId :
PB169313BS

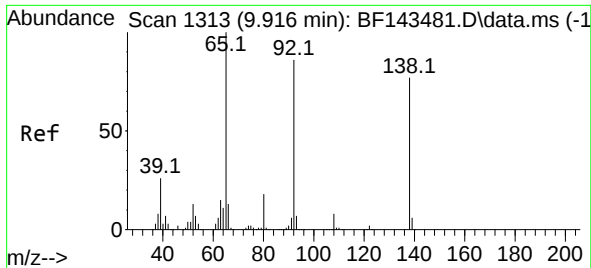
Tgt Ion:165 Resp: 179513
Ion Ratio Lower Upper
165 100
63 57.9 45.0 67.6
89 53.1 42.5 63.7



#52
Acenaphthene
Concen: 47.878 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:154 Resp: 739712
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.1 42.5 63.7

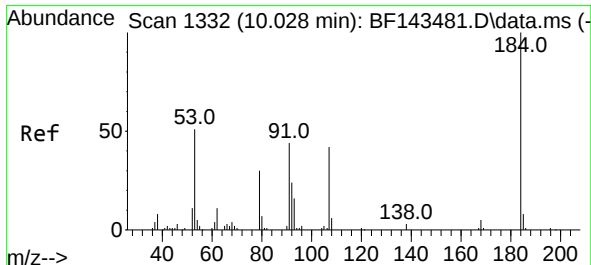
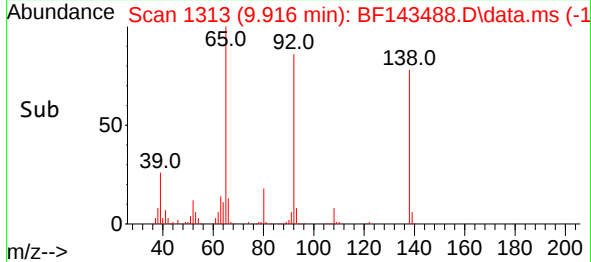
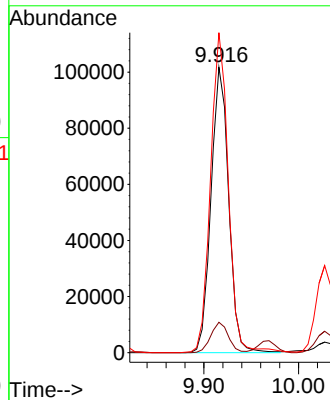
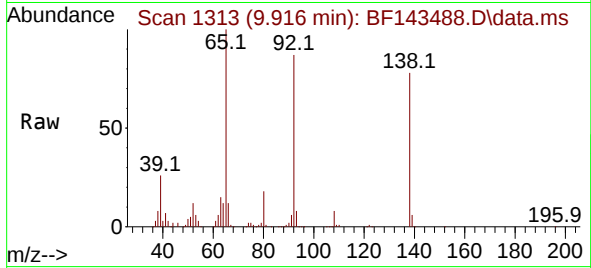




#53
3-Nitroaniline
Concen: 34.291 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

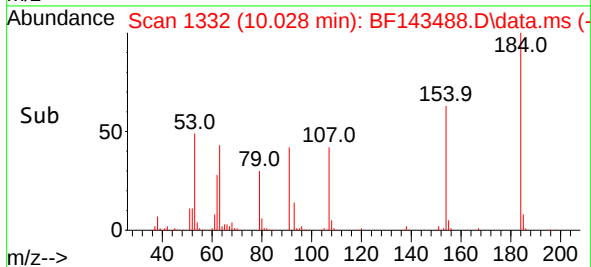
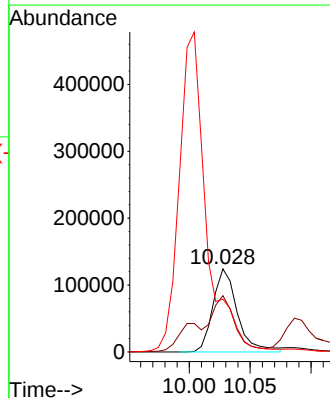
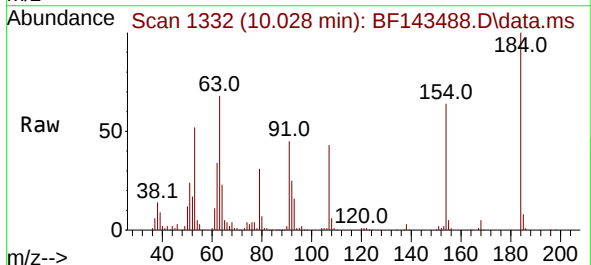
Instrument :
BNA_F
ClientSampleId :
PB169313BS

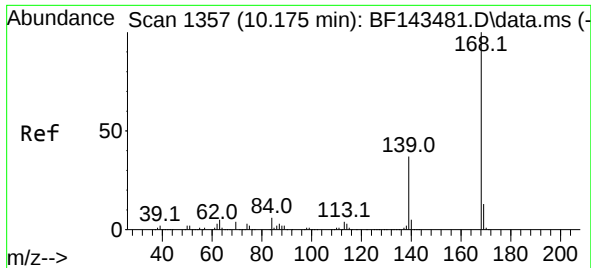
Tgt Ion:138 Resp: 131984
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 112.1 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 90.623 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:184 Resp: 174062
Ion Ratio Lower Upper
184 100
63 67.8 52.6 78.8
154 63.5 51.0 76.4

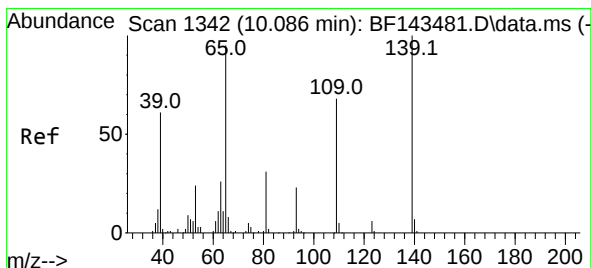
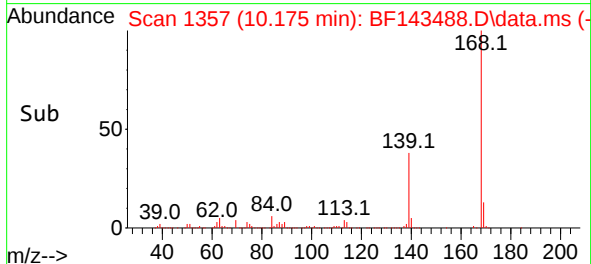
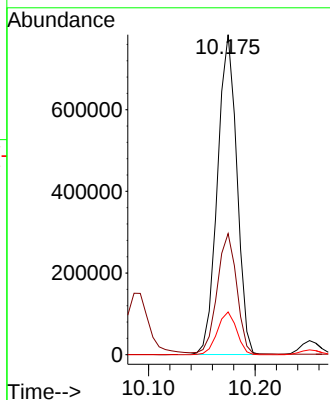
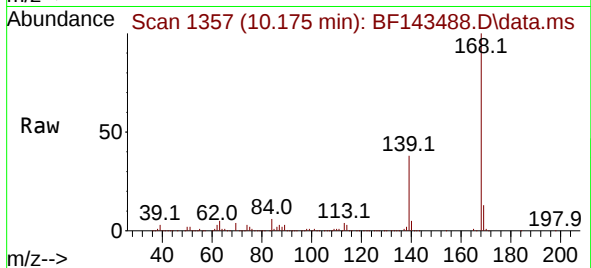




#55
Dibenzofuran
Concen: 44.878 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

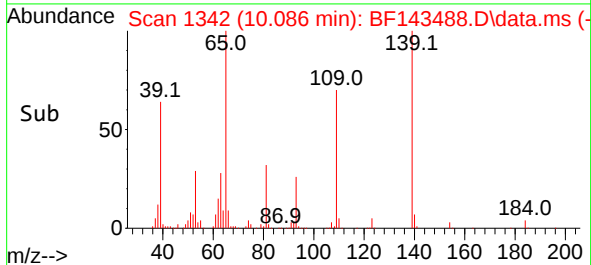
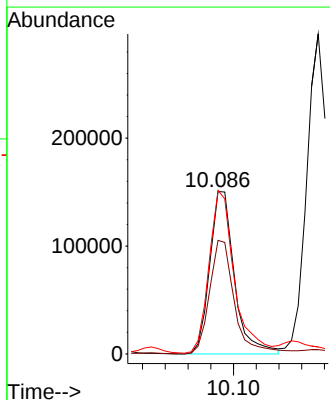
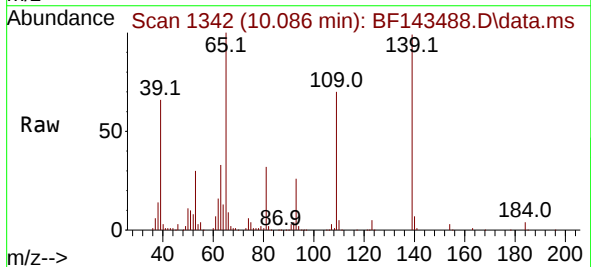
Instrument :
BNA_F
ClientSampleId :
PB169313BS

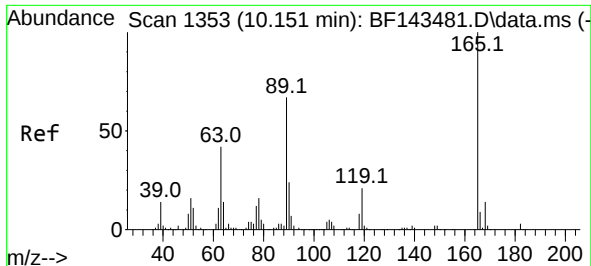
Tgt Ion:168 Resp: 988542
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 99.219 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:139 Resp: 227228
Ion Ratio Lower Upper
139 100
109 70.0 48.2 88.2
65 100.6 75.8 115.8

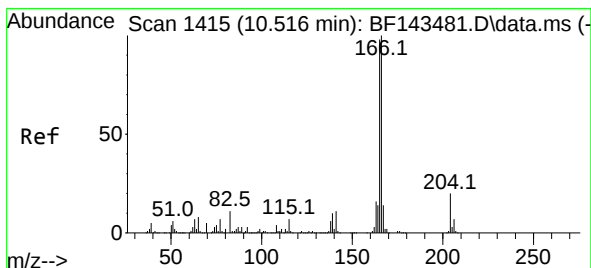
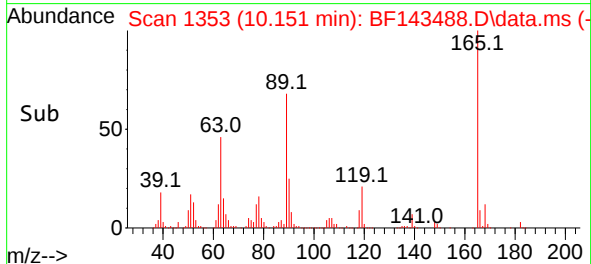
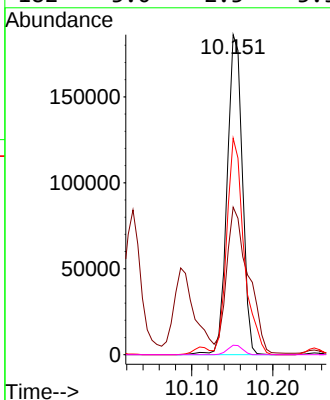
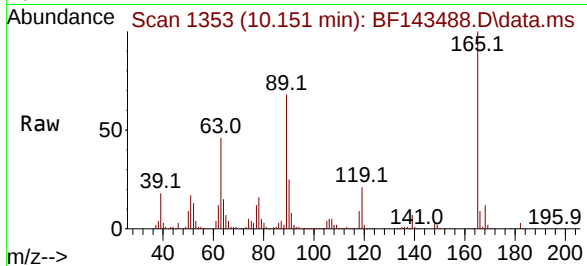




#57
2,4-Dinitrotoluene
Concen: 50.917 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

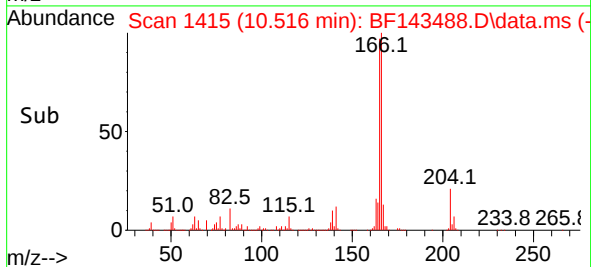
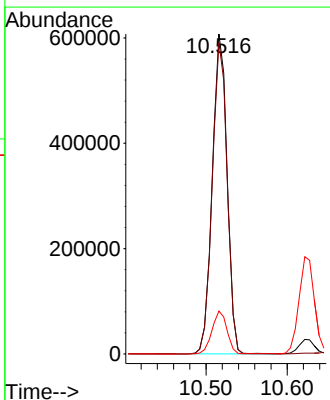
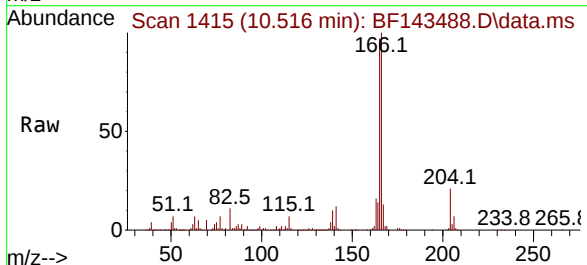
Instrument :
BNA_F
ClientSampleId :
PB169313BS

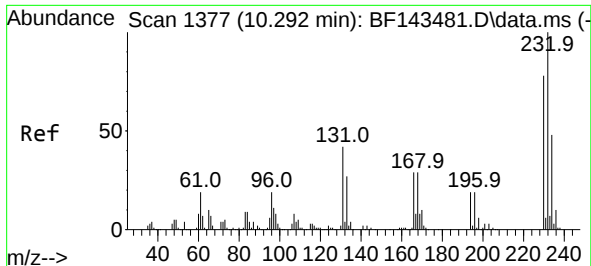
Tgt Ion:165 Resp: 242170
Ion Ratio Lower Upper
165 100
63 46.1 34.9 52.3
89 67.7 53.3 79.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 45.420 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

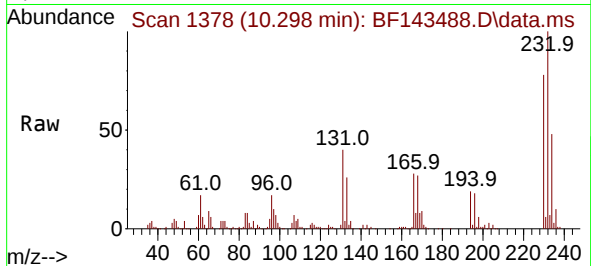
Tgt Ion:166 Resp: 770009
Ion Ratio Lower Upper
166 100
165 97.4 78.3 117.5
167 13.4 11.0 16.4



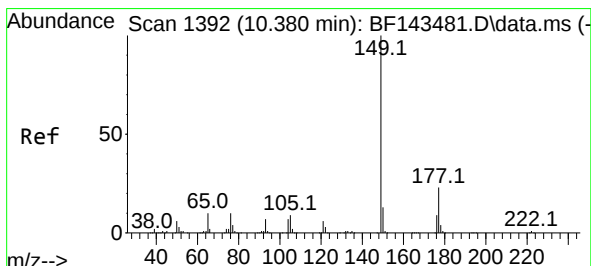
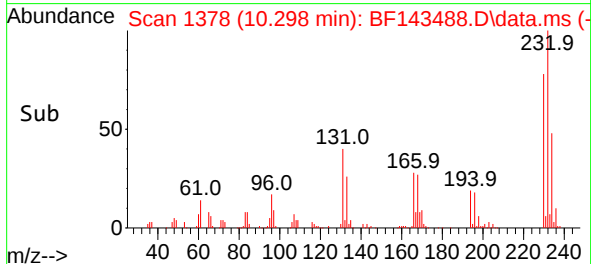
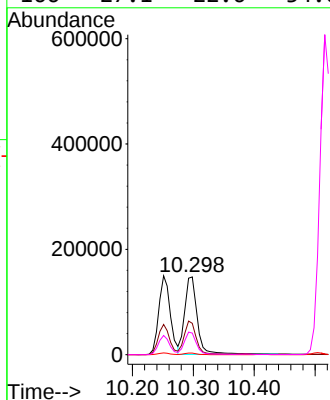


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.796 ng
RT: 10.298 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Instrument :
BNA_F
ClientSampleId :
PB169313BS

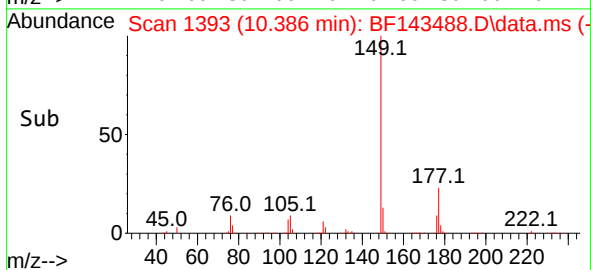
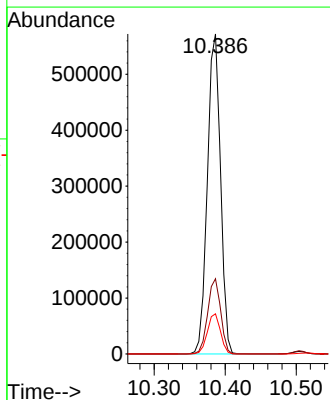
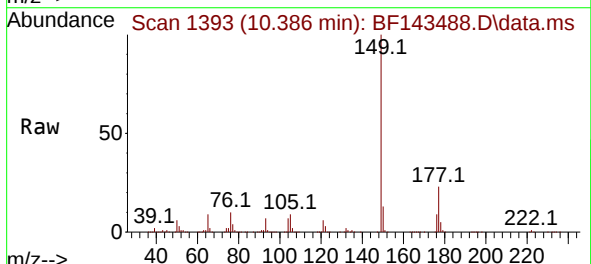


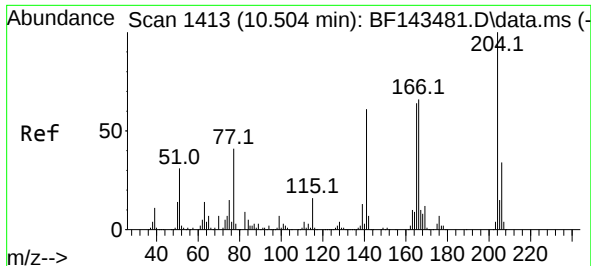
Tgt Ion:232 Resp: 211116
Ion Ratio Lower Upper
232 100
131 41.6 32.7 49.1
130 2.1 1.6 2.4
166 27.1 22.6 34.0



#60
Diethylphthalate
Concen: 47.698 ng
RT: 10.386 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:149 Resp: 734973
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.6 10.3 15.5

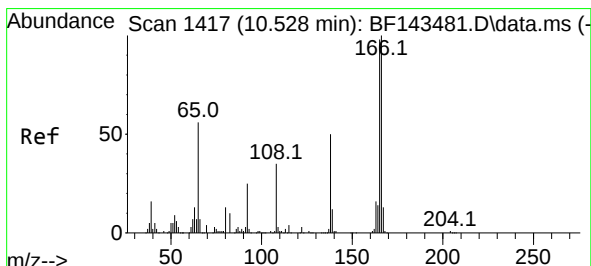
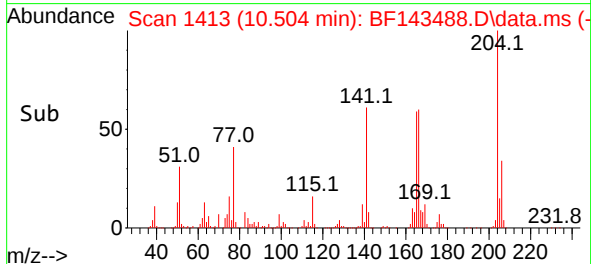
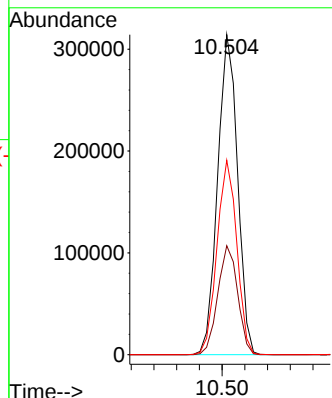
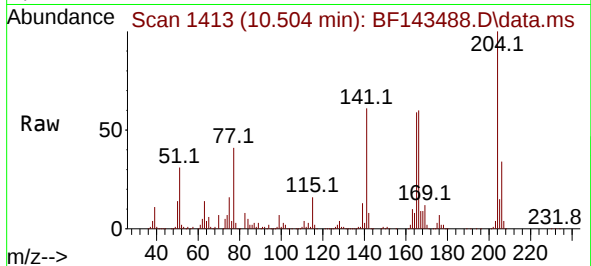




#61
4-Chlorophenyl-phenylether
Concen: 45.154 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

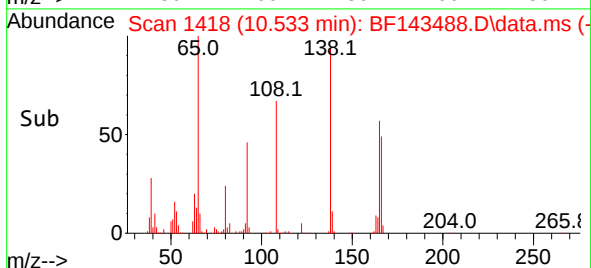
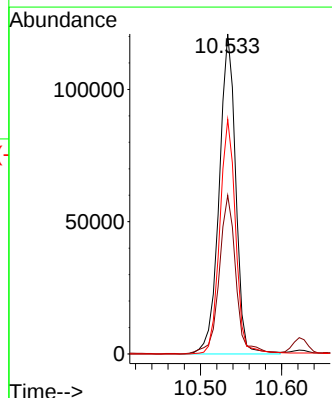
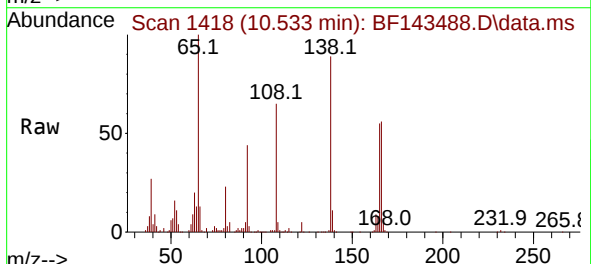
Instrument :
BNA_F
ClientSampleId :
PB169313BS

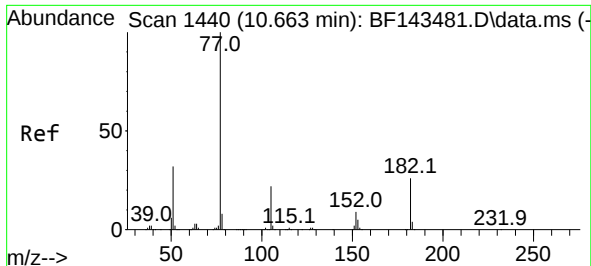
Tgt Ion:204 Resp: 382845
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 60.7 48.7 73.1



#62
4-Nitroaniline
Concen: 48.499 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:138 Resp: 171463
Ion Ratio Lower Upper
138 100
92 49.6 29.3 69.3
108 73.3 50.7 90.7

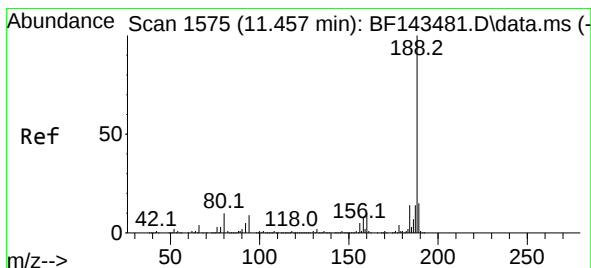
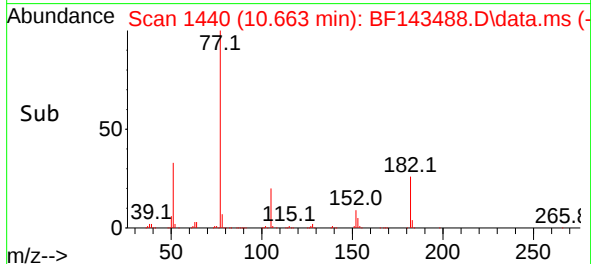
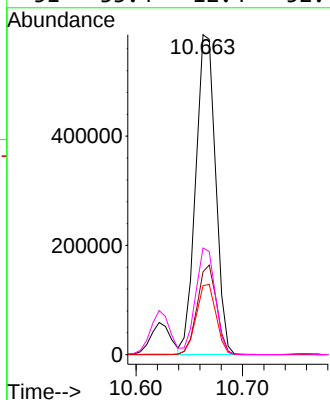
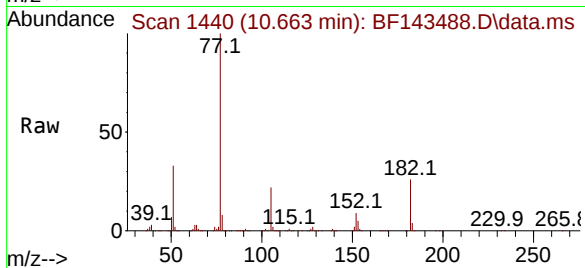




#63
Azobenzene
Concen: 47.652 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

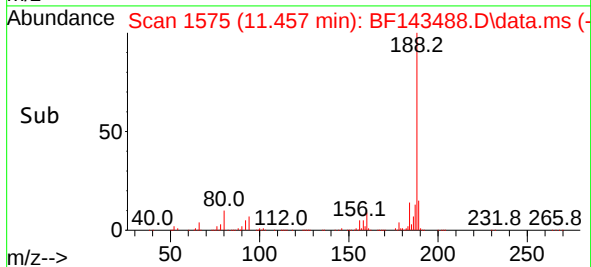
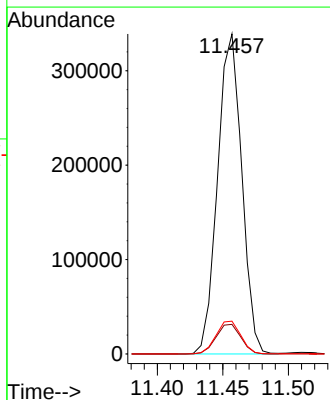
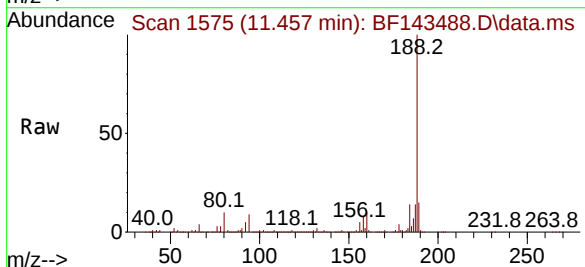
Instrument :
BNA_F
ClientSampleId :
PB169313BS

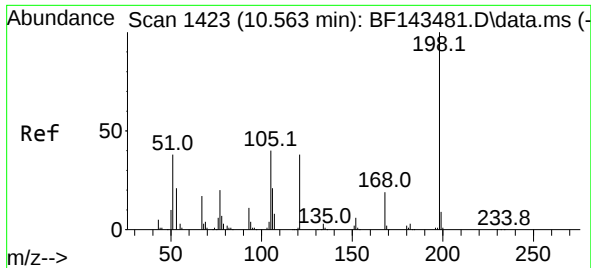
Tgt Ion: 77	Resp: 761351
Ion Ratio	Lower Upper
77 100	
182 25.9	6.2 46.2
105 21.5	2.2 42.2
51 33.4	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:188	Resp: 434773
Ion Ratio	Lower Upper
188 100	
94 9.2	7.4 11.2
80 10.3	8.2 12.4

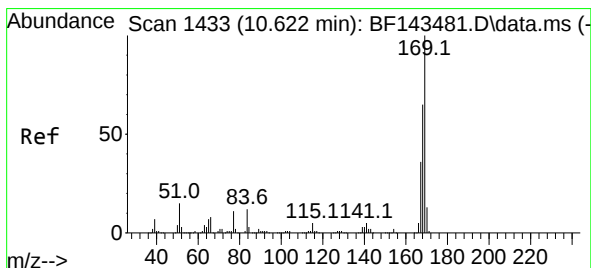
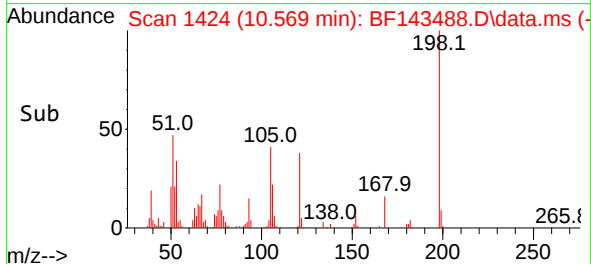
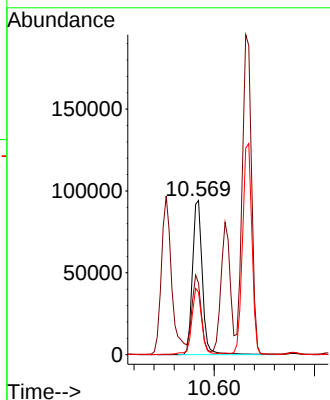
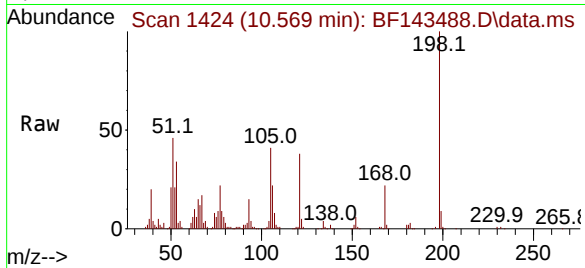




#65
4,6-Dinitro-2-methylphenol
Concen: 52.612 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

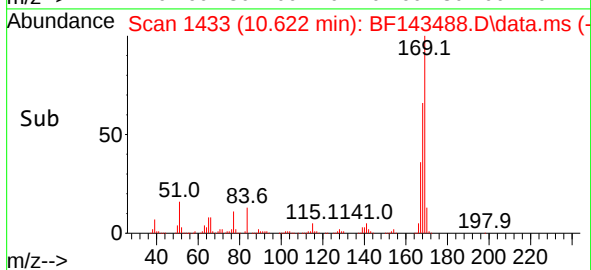
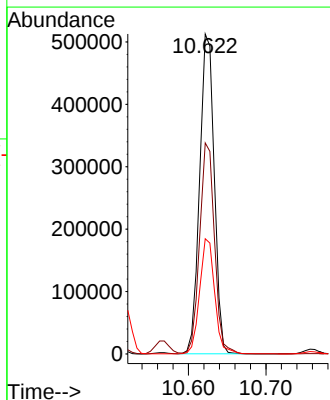
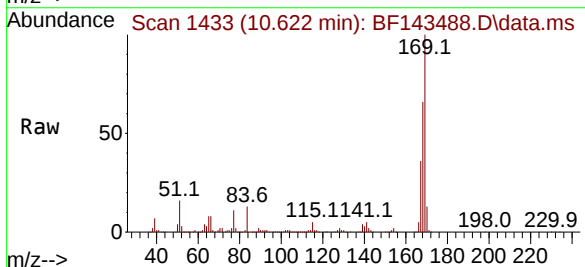
Instrument :
BNA_F
ClientSampleId :
PB169313BS

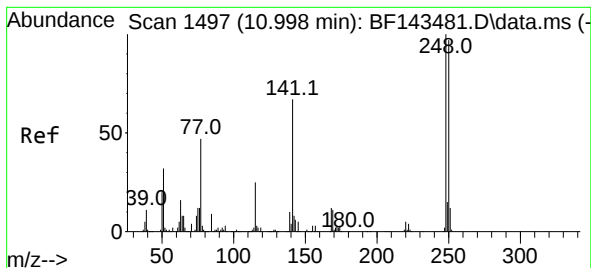
Tgt Ion:198 Resp: 128974
Ion Ratio Lower Upper
198 100
51 46.4 29.6 69.6
105 40.6 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 47.897 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:169 Resp: 670162
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 36.0 28.9 43.3

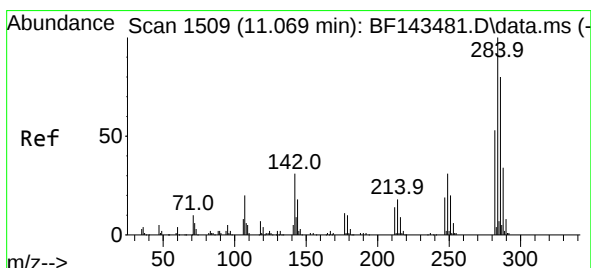
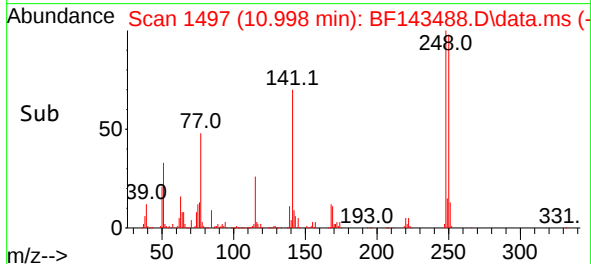
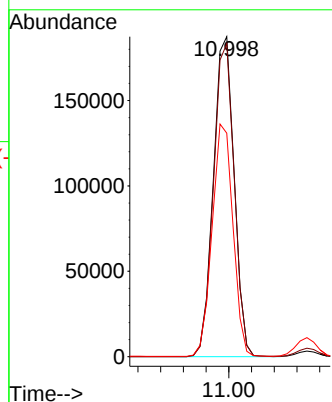
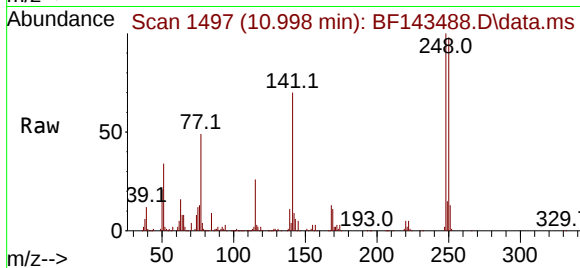




#67
4-Bromophenyl-phenylether
Concen: 46.043 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

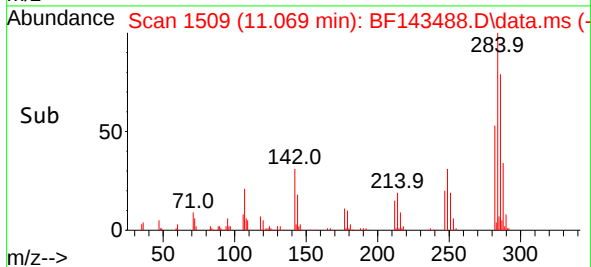
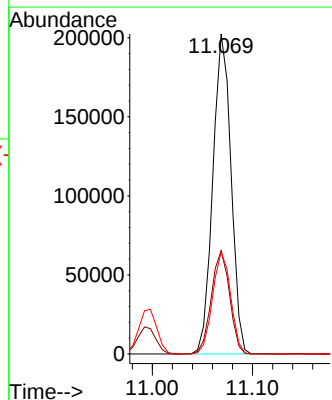
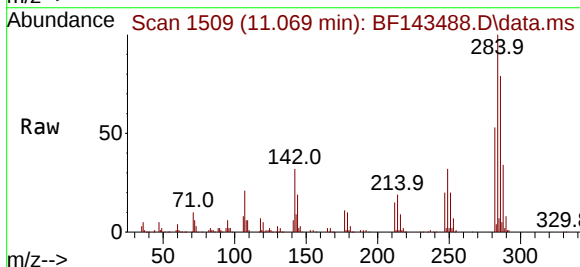
Instrument :
BNA_F
ClientSampleId :
PB169313BS

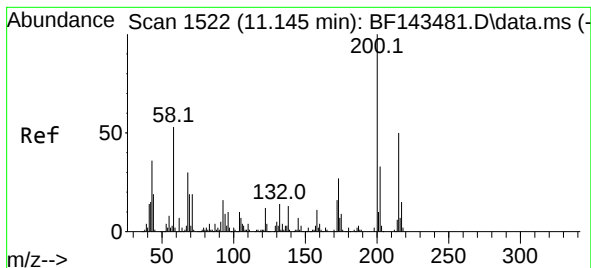
Tgt Ion:248 Resp: 238851
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 69.9 54.0 81.0



#68
Hexachlorobenzene
Concen: 45.680 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:284 Resp: 255432
Ion Ratio Lower Upper
284 100
142 32.3 24.4 36.6
249 31.9 25.0 37.6





#69

Atrazine

Concen: 49.745 ng

RT: 11.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

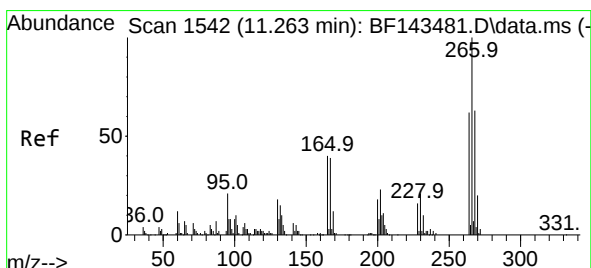
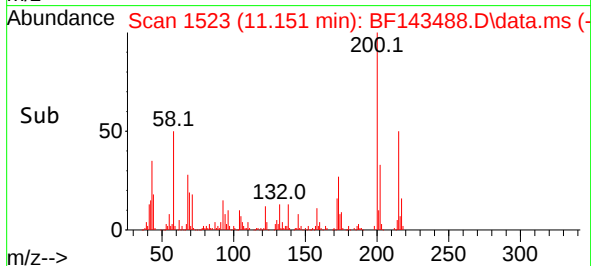
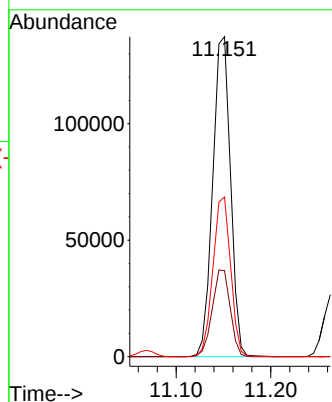
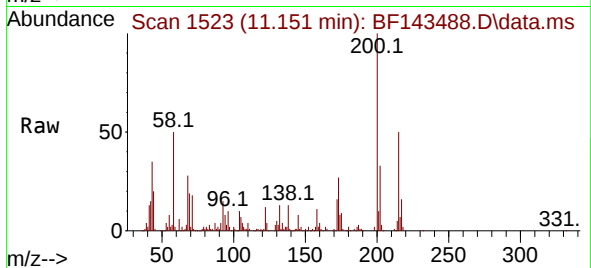
Tgt Ion:200 Resp: 179670

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

215 49.9 30.0 70.0



#70

Pentachlorophenol

Concen: 98.008 ng

RT: 11.269 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

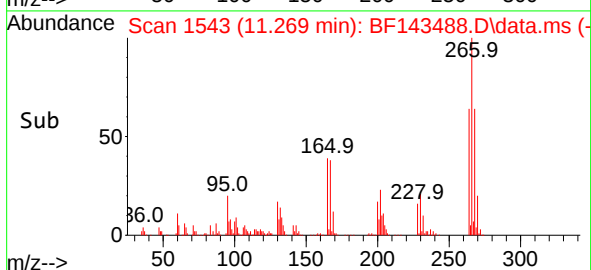
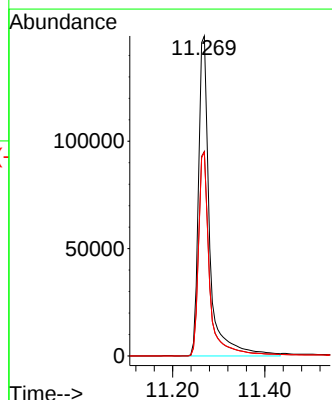
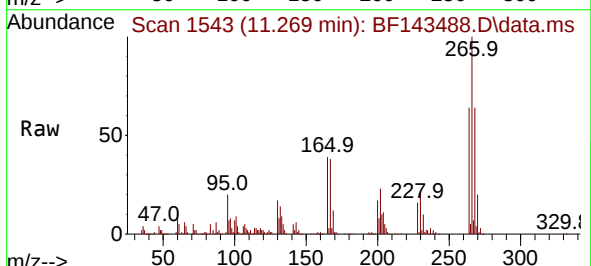
Tgt Ion:266 Resp: 250992

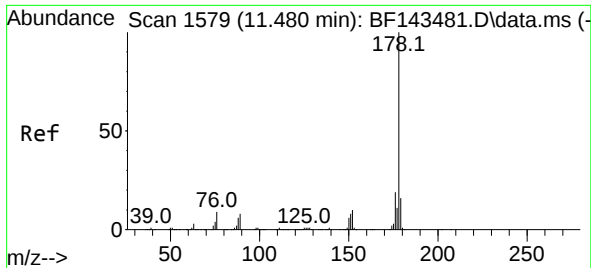
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.6 49.8 74.8

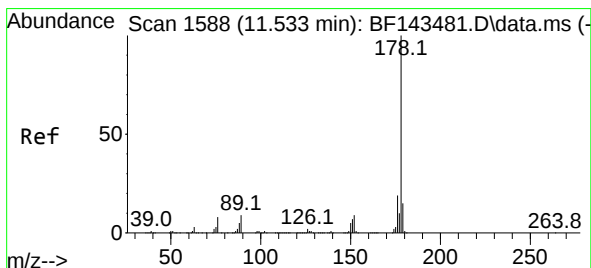
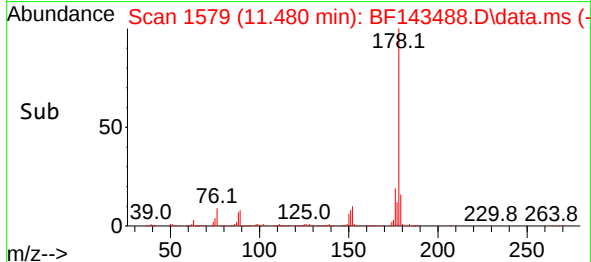
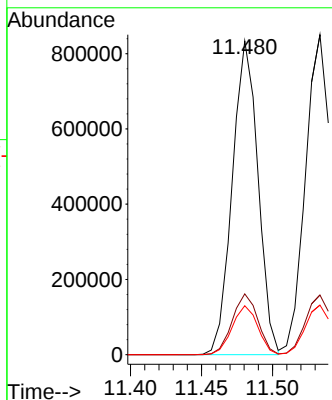
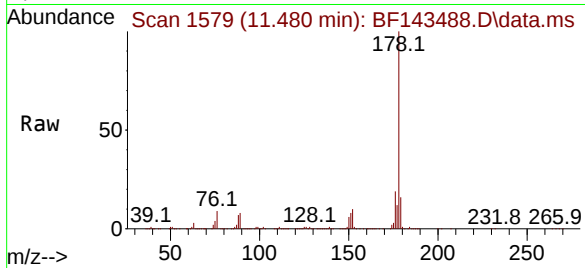




#71
Phenanthrene
Concen: 45.053 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

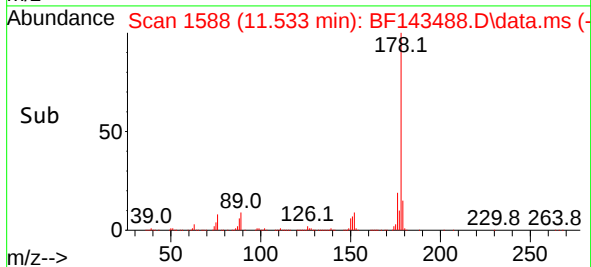
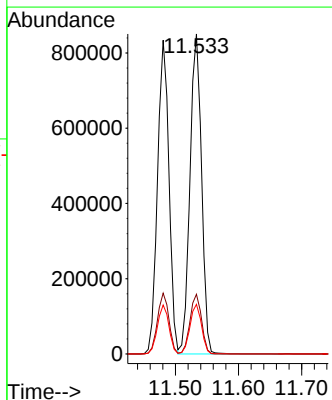
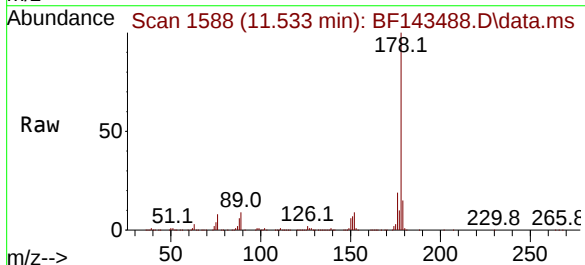
Instrument :
BNA_F
ClientSampleId :
PB169313BS

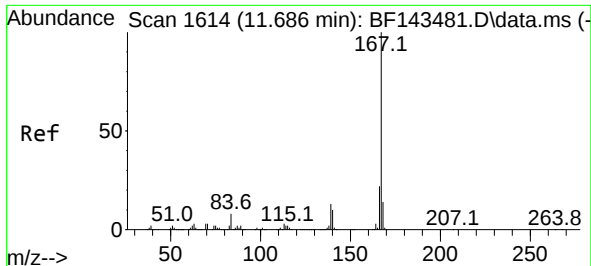
Tgt Ion:178 Resp: 1048955
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 45.786 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:178 Resp: 1079925
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.3 18.5

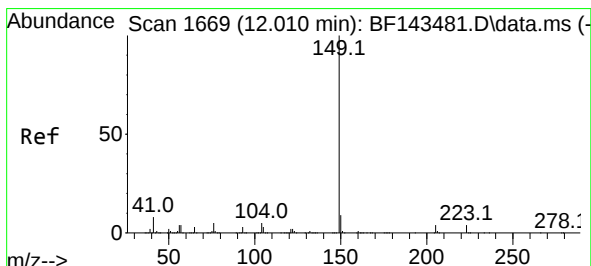
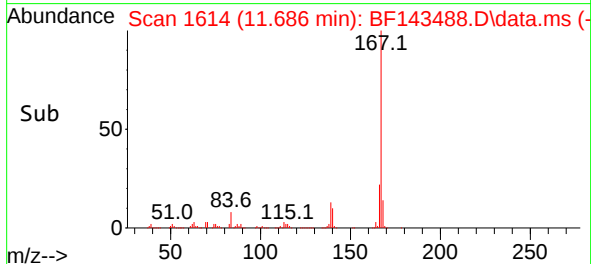
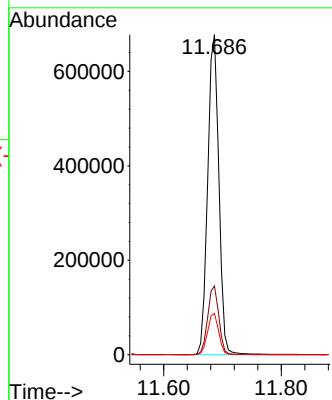
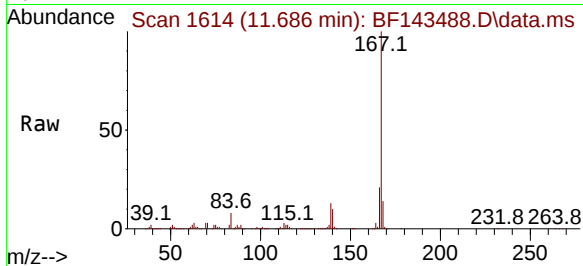




#73
 Carbazole
 Concen: 46.066 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

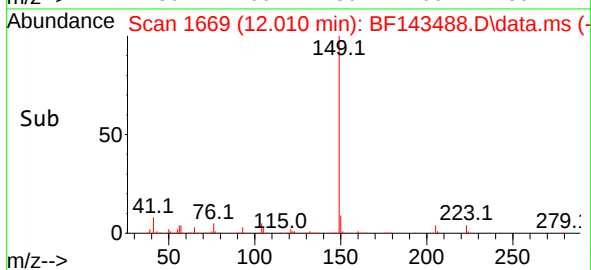
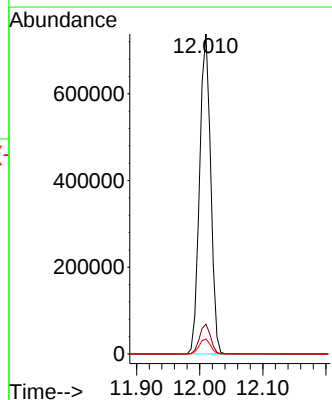
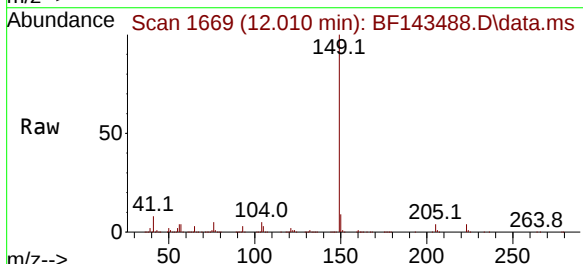
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BS

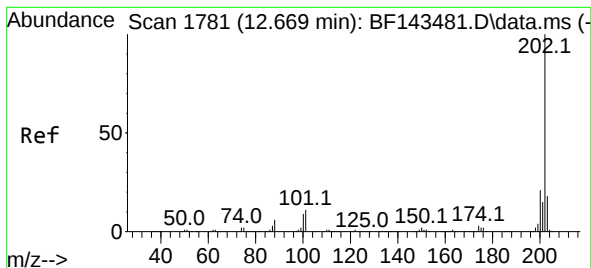
Tgt Ion:167 Resp: 890299
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.788 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

Tgt Ion:149 Resp: 897655
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 45.725 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

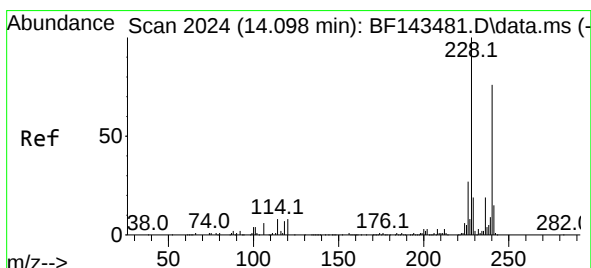
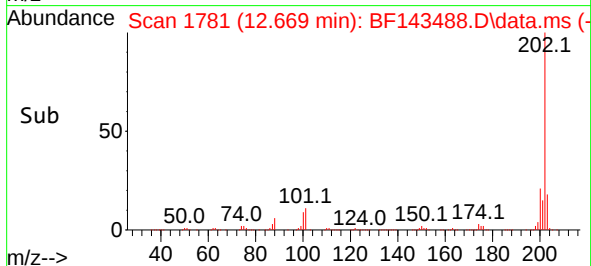
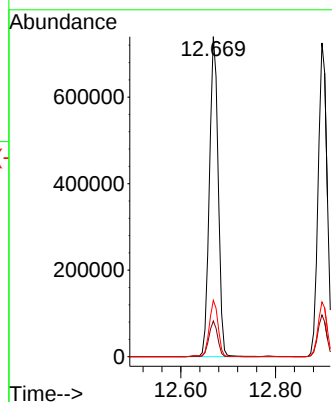
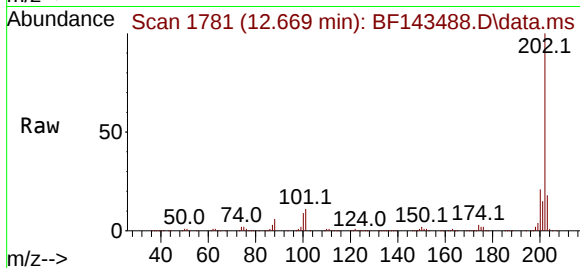
Tgt Ion:202 Resp: 955266

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

203 17.6 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: BF143488.D

Acq: 20 Aug 2025 16:44

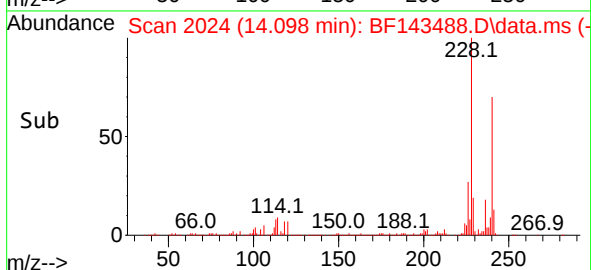
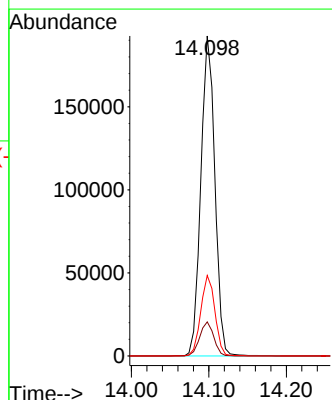
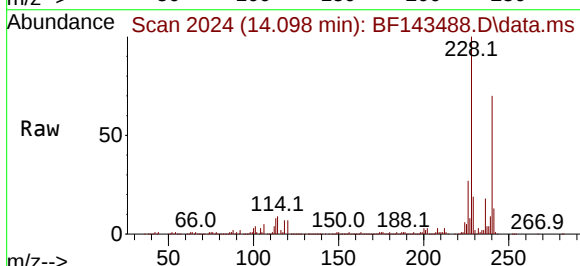
Tgt Ion:240 Resp: 242024

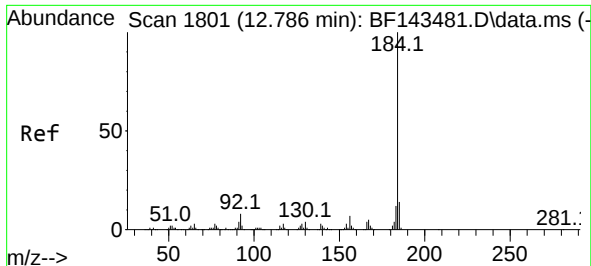
Ion Ratio Lower Upper

240 100

120 10.6 8.6 12.8

236 25.1 20.4 30.6

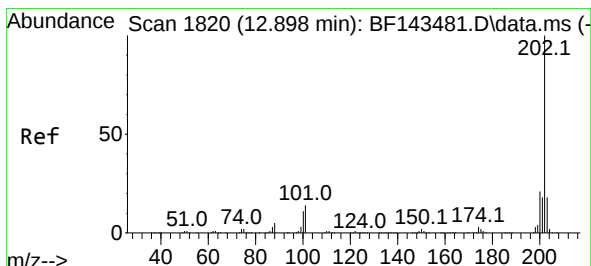
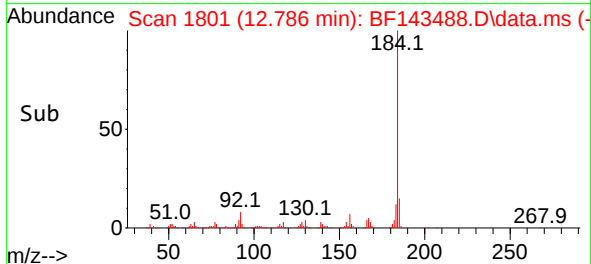
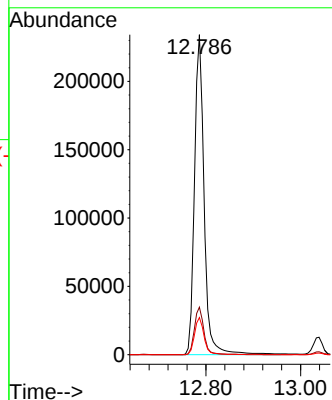
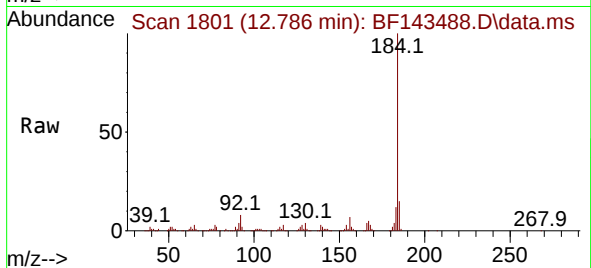




#77
Benzidine
Concen: 56.102 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

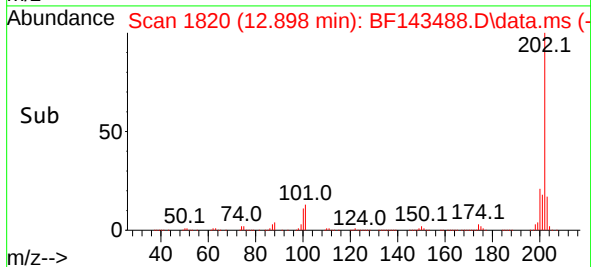
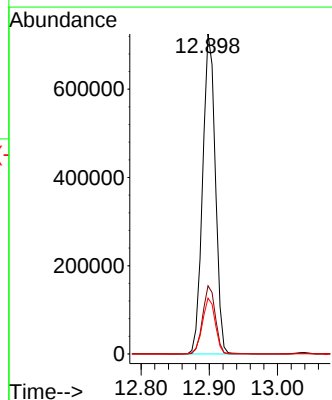
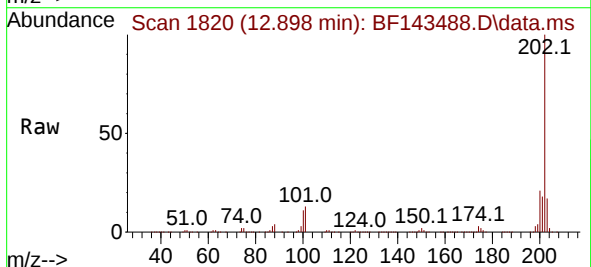
Instrument :
BNA_F
ClientSampleId :
PB169313BS

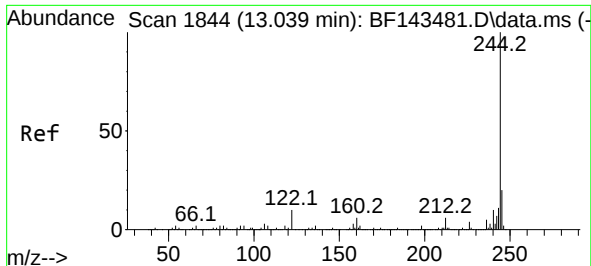
Tgt Ion:184 Resp: 330741
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 47.046 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:202 Resp: 936601
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 14.3 21.5

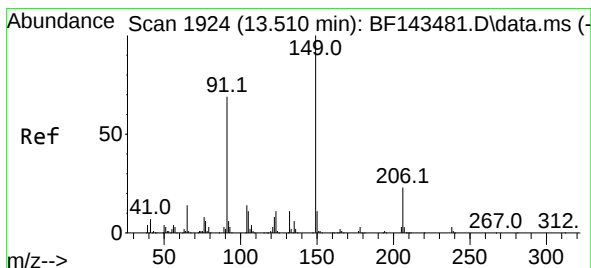
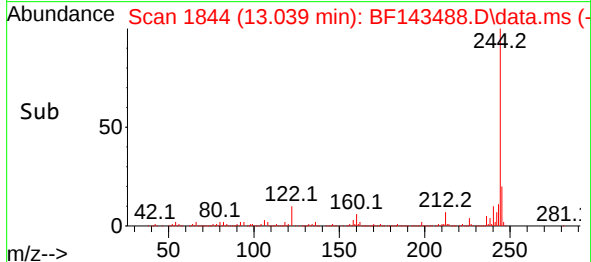
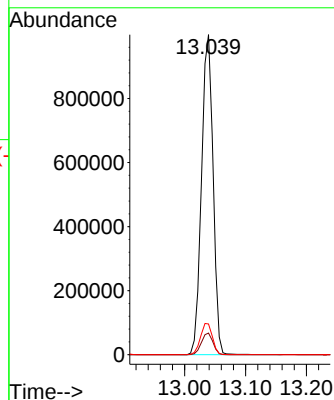
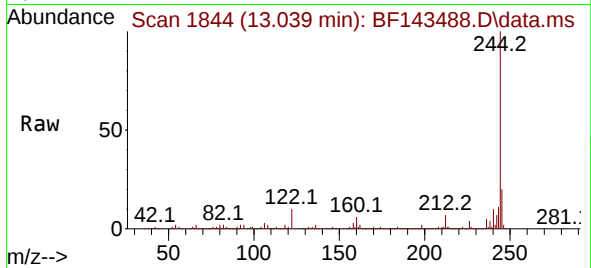




#79
 Terphenyl-d14
 Concen: 94.762 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

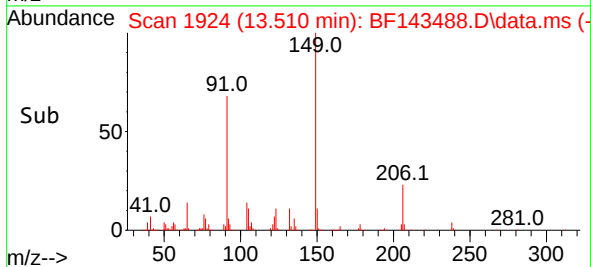
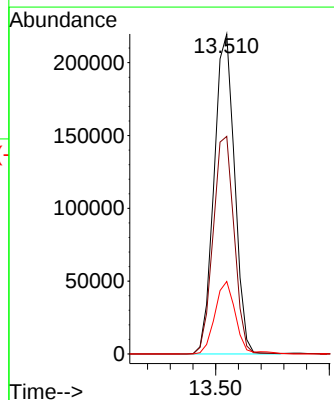
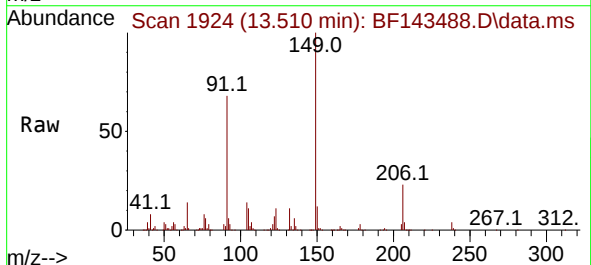
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BS

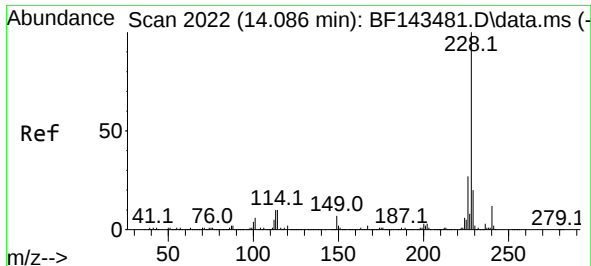
Tgt Ion:244 Resp: 1314279
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 9.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 50.676 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

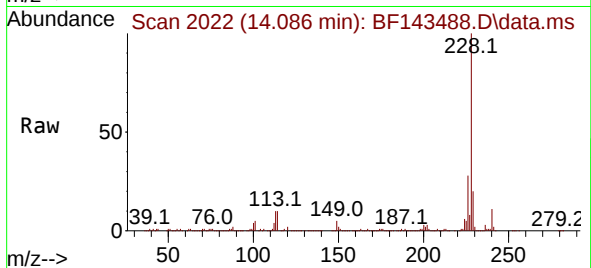
Tgt Ion:149 Resp: 275606
 Ion Ratio Lower Upper
 149 100
 91 68.0 55.3 82.9
 206 22.7 18.2 27.4



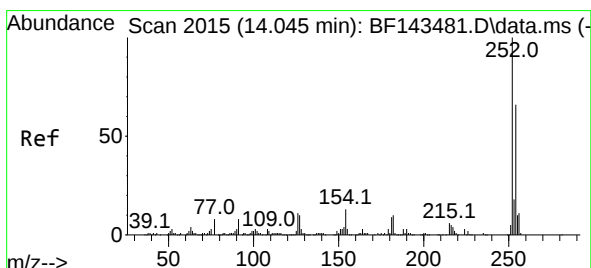
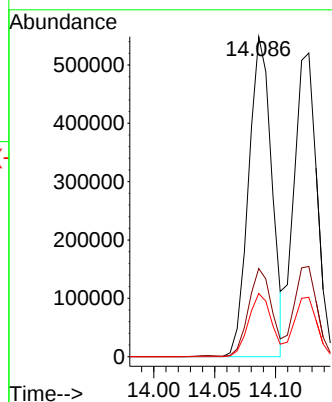
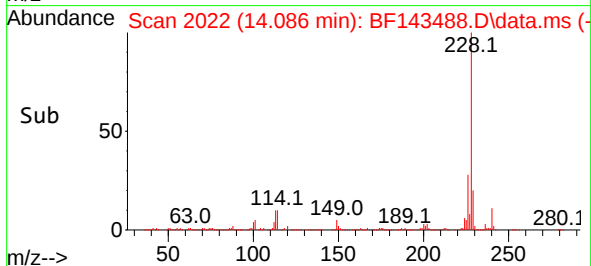


#81
Benzo(a)anthracene
Concen: 46.526 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

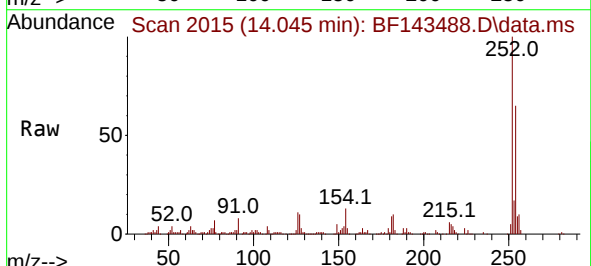
Instrument :
BNA_F
ClientSampleId :
PB169313BS



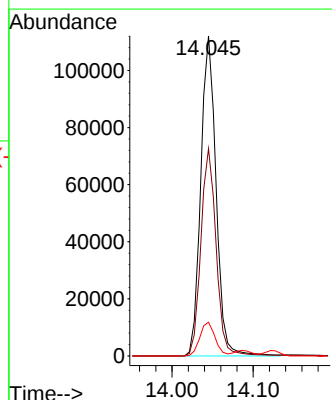
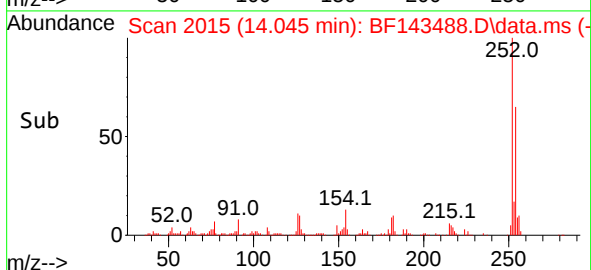
Tgt Ion:228 Resp: 724952
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.8 15.7 23.5

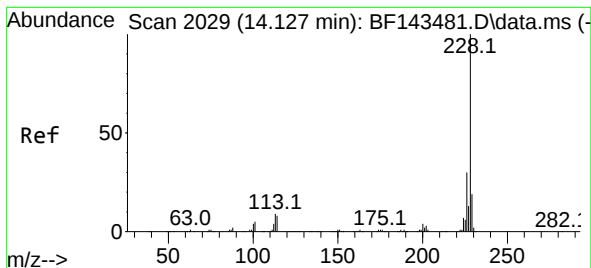


#82
3,3'-Dichlorobenzidine
Concen: 32.953 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44



Tgt Ion:252 Resp: 147047
Ion Ratio Lower Upper
252 100
254 64.8 52.6 79.0
126 10.5 8.7 13.1





#83

Chrysene

Concen: 48.813 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

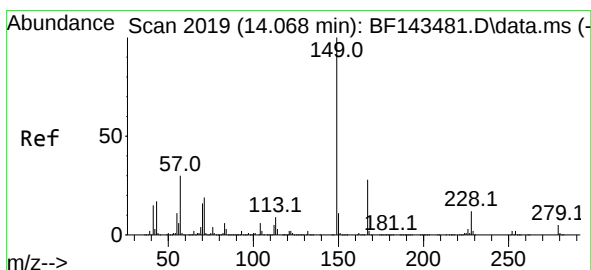
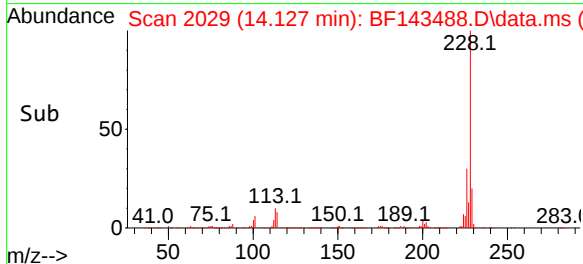
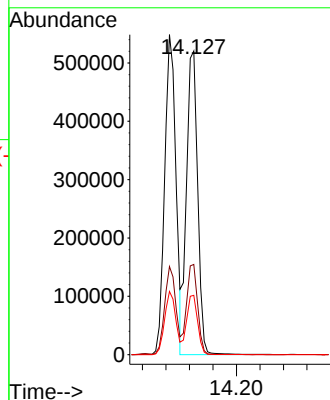
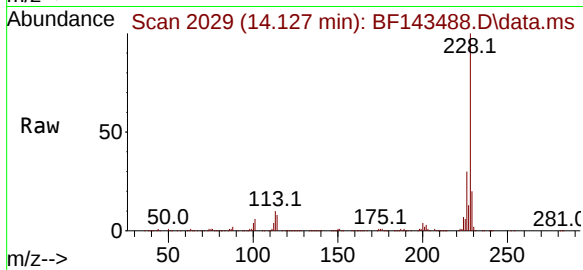
Tgt Ion:228 Resp: 683519

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.965 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

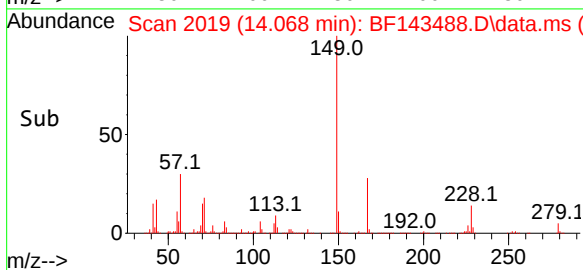
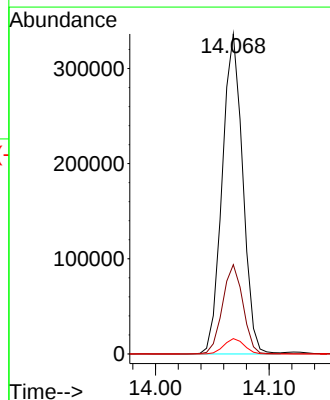
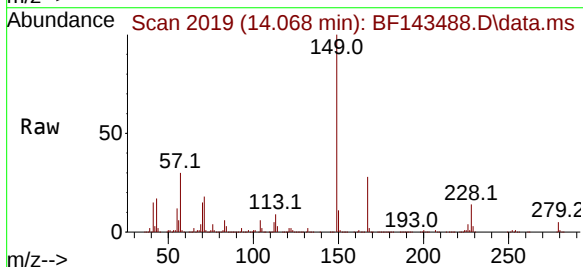
Tgt Ion:149 Resp: 422164

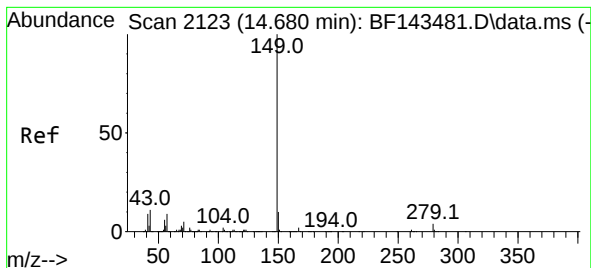
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.129 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

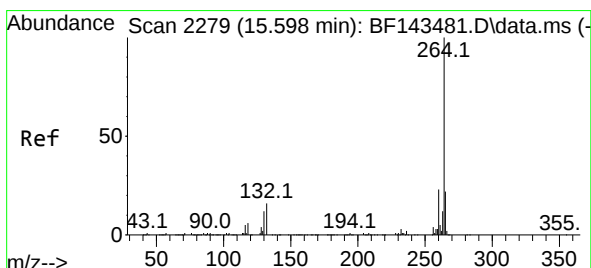
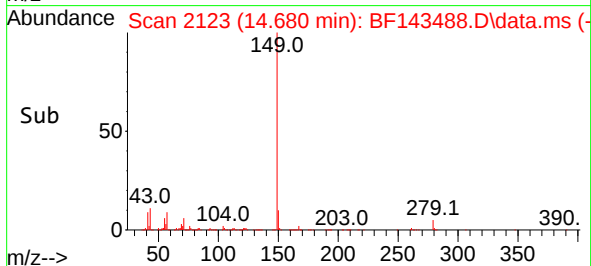
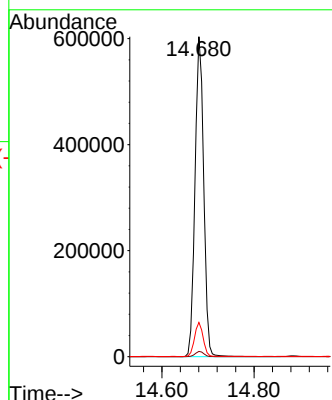
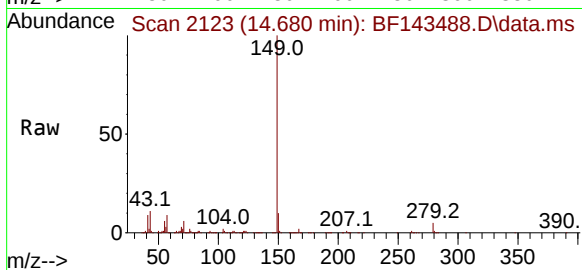
Tgt Ion:149 Resp: 784582

Ion Ratio Lower Upper

149 100

167 1.7 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: BF143488.D

Acq: 20 Aug 2025 16:44

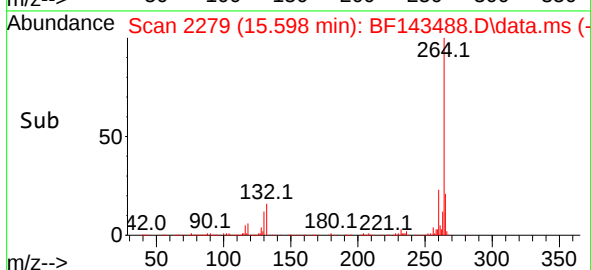
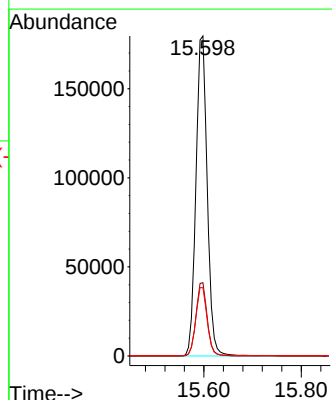
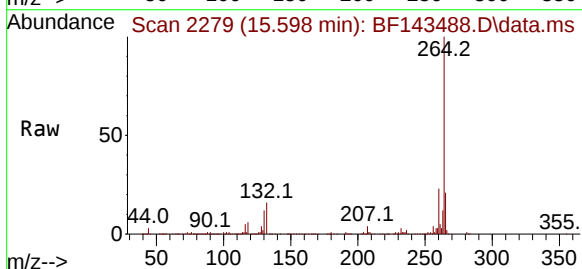
Tgt Ion:264 Resp: 290471

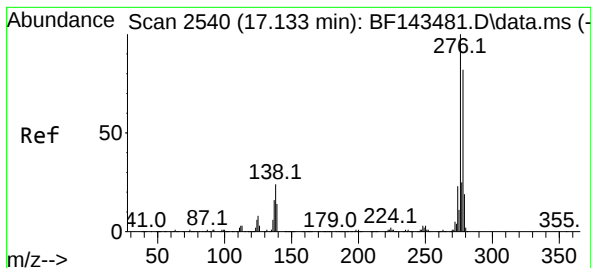
Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.920 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

Instrument :

BNA_F

ClientSampleId :

PB169313BS

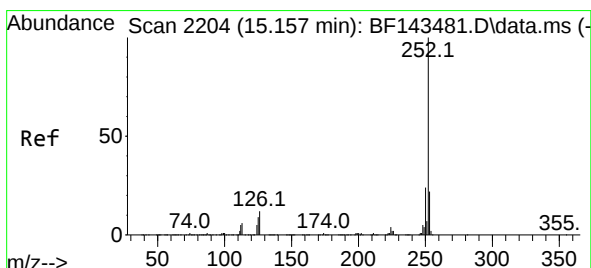
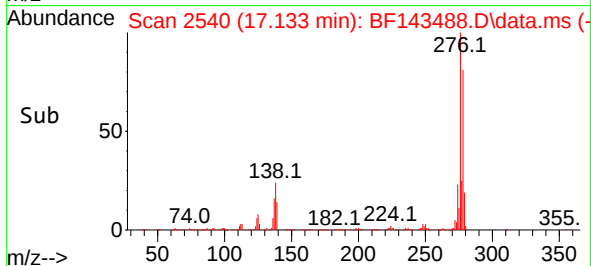
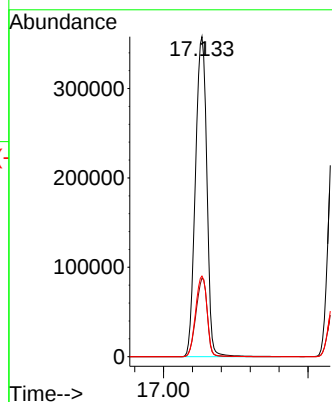
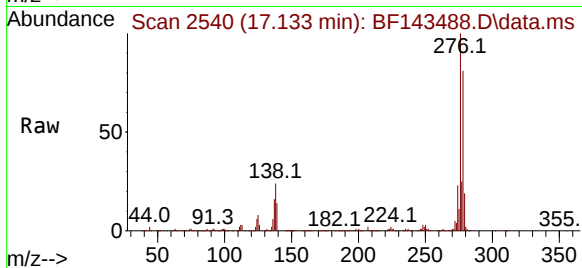
Tgt Ion:276 Resp: 979376

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.898 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143488.D

Acq: 20 Aug 2025 16:44

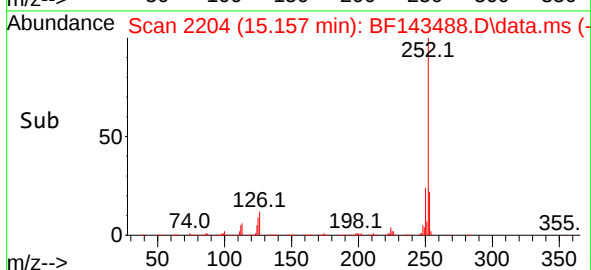
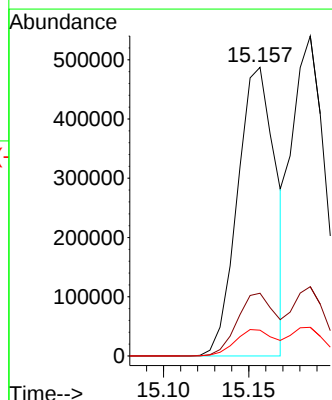
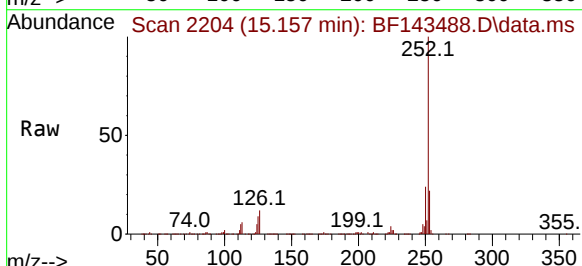
Tgt Ion:252 Resp: 757232

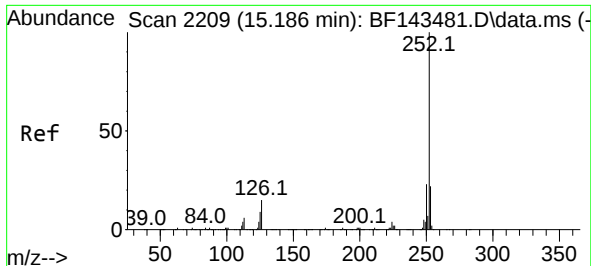
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 7.4 11.0

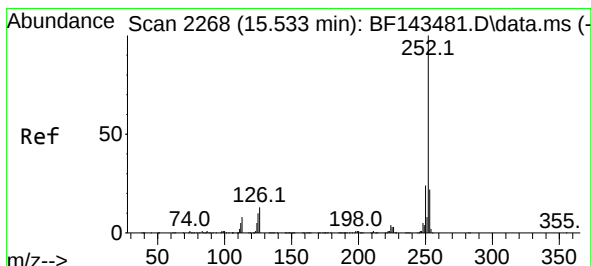
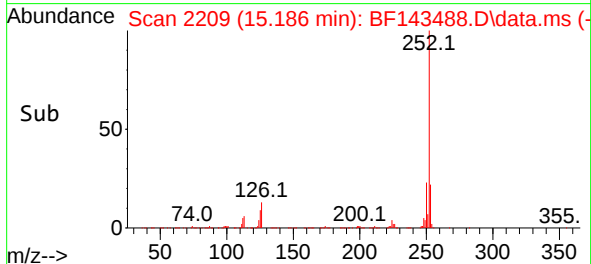
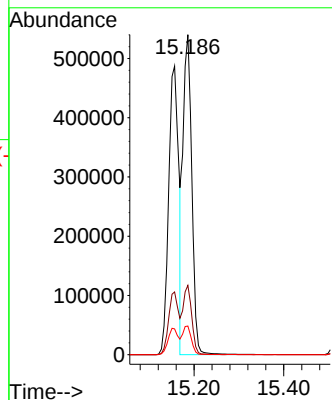
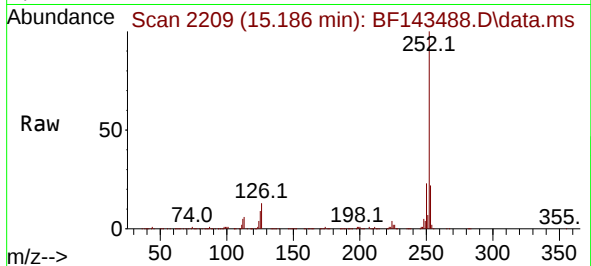




#89
Benzo(k)fluoranthene
Concen: 47.596 ng
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

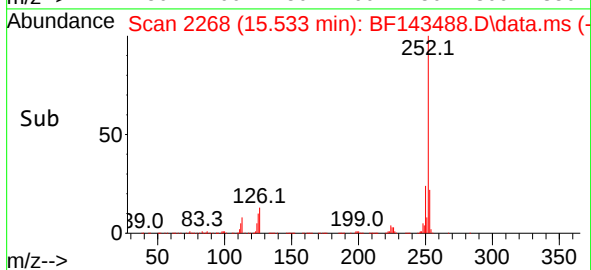
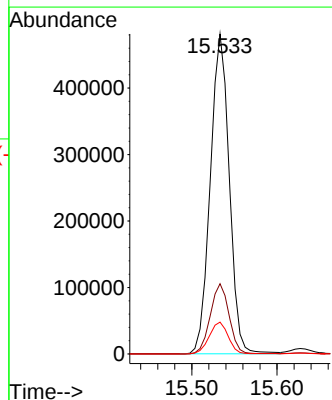
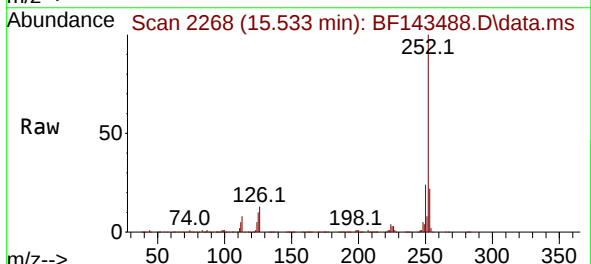
Instrument :
BNA_F
ClientSampleId :
PB169313BS

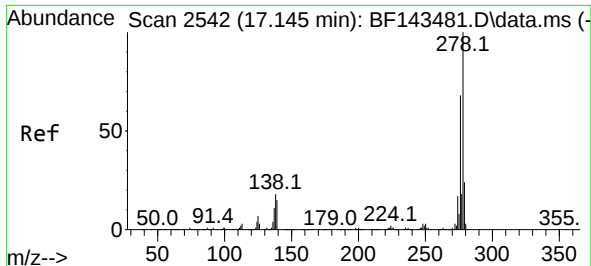
Tgt Ion:252 Resp: 735798
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.663 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143488.D
Acq: 20 Aug 2025 16:44

Tgt Ion:252 Resp: 744311
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.0 8.2 12.2

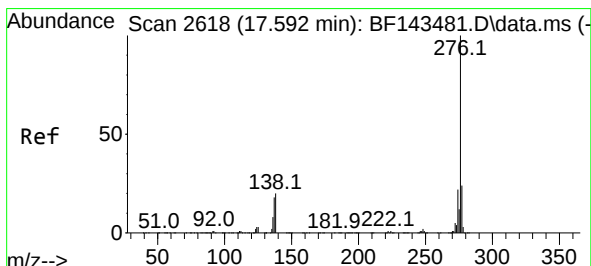
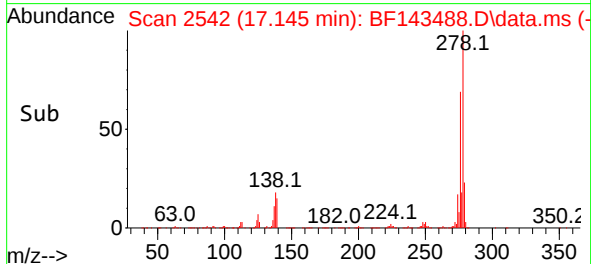
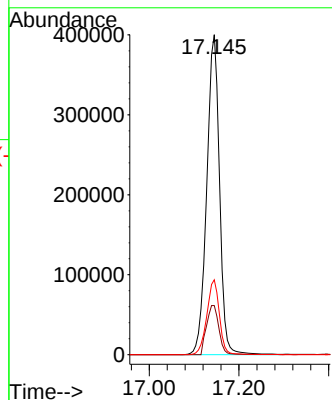
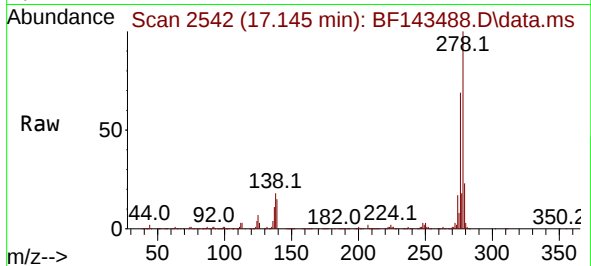




#91
 Dibenzo(a,h)anthracene
 Concen: 47.300 ng
 RT: 17.145 min Scan# 2542
 Delta R.T. -0.012 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BS

Tgt Ion:278 Resp: 790719
 Ion Ratio Lower Upper
 278 100
 139 15.4 12.1 18.1
 279 23.4 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 48.242 ng
 RT: 17.592 min Scan# 2618
 Delta R.T. -0.012 min
 Lab File: BF143488.D
 Acq: 20 Aug 2025 16:44

Tgt Ion:276 Resp: 801902
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.9 28.3
 138 20.6 16.3 24.5

