

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144500.D
 Acq On : 16 Dec 2025 17:46
 Operator : RC/JU
 Sample : Q3852-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"MSD

Quant Time: Dec 17 00:48:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	206760	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	820946	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	430208	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	653401	20.000	ng	0.00
76) Chrysene-d12	13.945	240	378920	20.000	ng	0.00
86) Perylene-d12	15.374	264	424596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1905031	138.925	ng	0.02
7) Phenol-d6	6.440	99	2132048	124.652	ng	0.02
23) Nitrobenzene-d5	7.357	82	1462589	111.488	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	611496	157.217	ng	0.02
45) 2-Fluorobiphenyl	9.157	172	2578490	91.946	ng	0.00
79) Terphenyl-d14	12.892	244	2048395	85.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	257870	39.108	ng	# 83
3) Pyridine	3.399	79	678161	37.403	ng	98
4) n-Nitrosodimethylamine	3.340	42	348775	44.263	ng	97
6) Aniline	6.463	93	325687	13.650	ng	# 17
8) 2-Chlorophenol	6.587	128	700106	47.621	ng	99
9) Benzaldehyde	6.351	77	285138	21.295	ng	97
10) Phenol	6.457	94	762539	37.775	ng	86
11) bis(2-Chloroethyl)ether	6.534	93	654719	44.373	ng	99
12) 1,3-Dichlorobenzene	6.740	146	701070	44.136	ng	98
13) 1,4-Dichlorobenzene	6.816	146	700699	43.966	ng	99
14) 1,2-Dichlorobenzene	6.963	146	679190	44.875	ng	99
15) Benzyl Alcohol	6.945	79	664781	52.732	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	937148	37.636	ng	78
17) 2-Methylphenol	7.057	107	555872	44.855	ng	94
18) Hexachloroethane	7.310	117	251778	45.467	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	481335	44.552	ng	97
20) 3+4-Methylphenols	7.204	107	667331	43.826	ng	# 82
22) Acetophenone	7.204	105	908462	44.614	ng	99
24) Nitrobenzene	7.381	77	714058	50.174	ng	97
25) Isophorone	7.622	82	1306296	44.121	ng	98
26) 2-Nitrophenol	7.692	139	350873	55.322	ng	98
27) 2,4-Dimethylphenol	7.734	122	649332	45.965	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	816446	44.752	ng	99
29) 2,4-Dichlorophenol	7.934	162	558605	47.589	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	595360	46.764	ng	100
31) Naphthalene	8.098	128	1963996	44.451	ng	100
32) Benzoic acid	7.892	122	282110	35.556	ng	98
33) 4-Chloroaniline	8.140	127	102231	5.756	ng	98
34) Hexachlorobutadiene	8.216	225	345818	43.931	ng	99
35) Caprolactam	8.539	113	157776	40.704	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	580364	45.546	ng	100
37) 2-Methylnaphthalene	8.787	142	1193782	41.066	ng	99
38) 1-Methylnaphthalene	8.886	142	1225726	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	554102	45.256	ng	99
41) Hexachlorocyclopentadiene	8.945	237	589289	81.325	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	385696	49.606	ng	97

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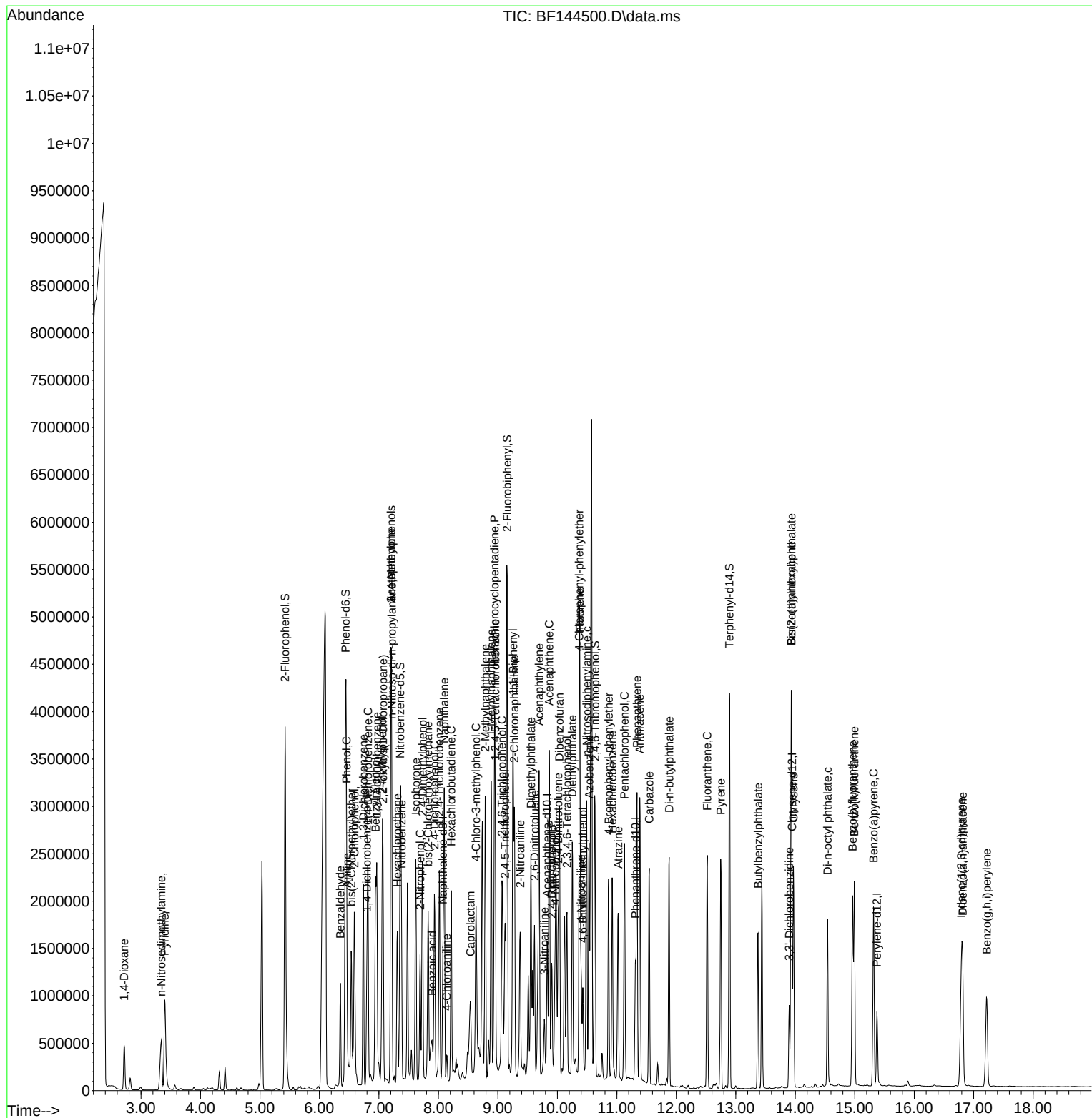
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	391319	47.952	ng	99
46) 1,1'-Biphenyl	9.257	154	1528378	45.460	ng	100
47) 2-Chloronaphthalene	9.275	162	1149505	44.788	ng	99
48) 2-Nitroaniline	9.375	65	355653	48.288	ng	95
49) Acenaphthylene	9.692	152	1868174	45.942	ng	100
50) Dimethylphthalate	9.557	163	1353382	46.573	ng	100
51) 2,6-Dinitrotoluene	9.616	165	286082	53.256	ng	99
52) Acenaphthene	9.863	154	1084195	42.763	ng	100
53) 3-Nitroaniline	9.781	138	116030	19.702	ng	98
54) 2,4-Dinitrophenol	9.904	184	231561	90.291	ng	# 43
55) Dibenzofuran	10.033	168	1601677	44.399	ng	99
56) 4-Nitrophenol	9.963	139	378736	76.532	ng	100
57) 2,4-Dinitrotoluene	10.016	165	375472	51.326	ng	95
58) Fluorene	10.381	166	1198017	43.857	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	325607	52.563	ng	97
60) Diethylphthalate	10.251	149	1259559	45.734	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	581417	43.381	ng	97
62) 4-Nitroaniline	10.398	138	283915	44.392	ng	98
63) Azobenzene	10.533	77	1249842	42.939	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	163562	53.971	ng	95
66) n-Nitrosodiphenylamine	10.492	169	1066412	47.625	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	368867	48.357	ng	99
68) Hexachlorobenzene	10.922	284	405142	48.114	ng	98
69) Atrazine	11.022	200	320760	45.733	ng	99
70) Pentachlorophenol	11.128	266	430035	89.535	ng	98
71) Phenanthrene	11.339	178	1645062	43.672	ng	100
72) Anthracene	11.386	178	1662066	43.595	ng	99
73) Carbazole	11.545	167	1338804	40.450	ng	99
74) Di-n-butylphthalate	11.880	149	1758848	49.712	ng	100
75) Fluoranthene	12.522	202	1418223	38.127	ng	99
78) Pyrene	12.745	202	1385889	39.921	ng	99
80) Butylbenzylphthalate	13.374	149	544507	47.442	ng	96
81) Benzo(a)anthracene	13.933	228	1162819	43.577	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	251544	33.267	ng	99
83) Chrysene	13.969	228	1128047	46.192	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	669297	49.946	ng	99
85) Di-n-octyl phthalate	14.545	149	1194463	56.671	ng	99
87) Indeno(1,2,3-cd)pyrene	16.792	276	1093586	35.883	ng	100
88) Benzo(b)fluoranthene	14.963	252	1349874	48.427	ng	100
89) Benzo(k)fluoranthene	14.992	252	1055190	40.035	ng	99
90) Benzo(a)pyrene	15.316	252	1131537	46.442	ng	99
91) Dibenzo(a,h)anthracene	16.815	278	924970	37.581	ng	100
92) Benzo(g,h,i)perylene	17.221	276	838654	33.511	ng	98

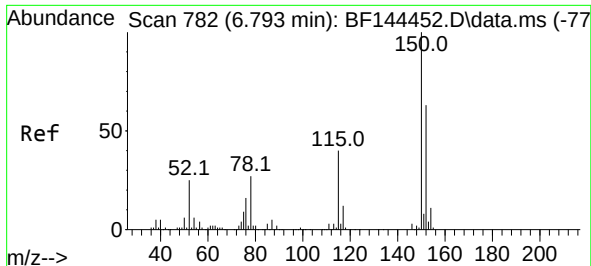
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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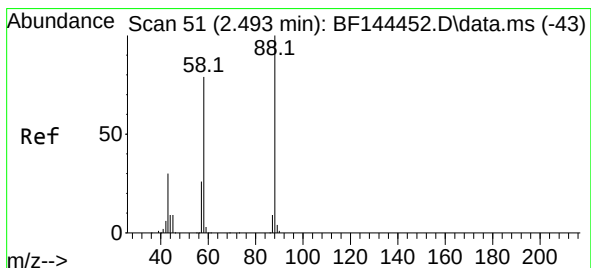
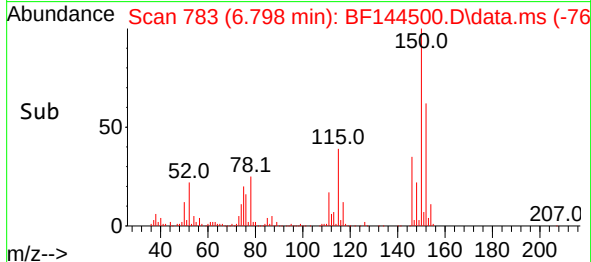
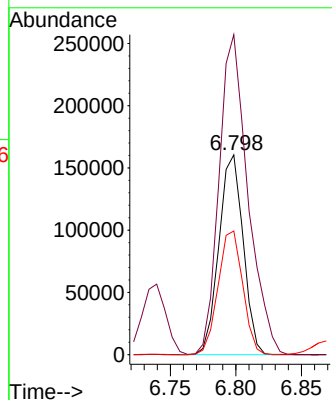
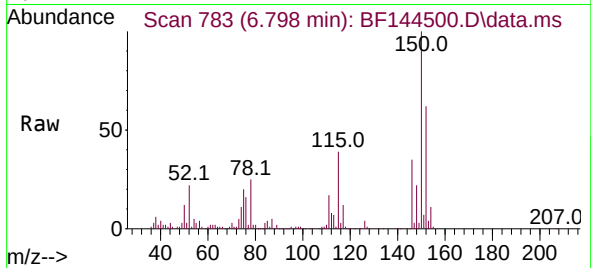




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 78
 Delta R.T. 0.005 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

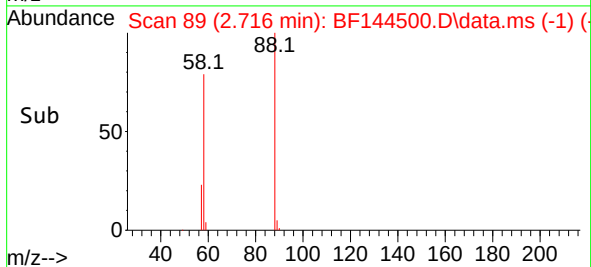
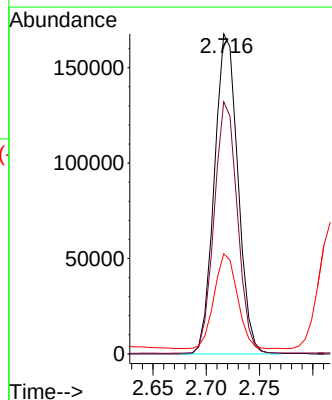
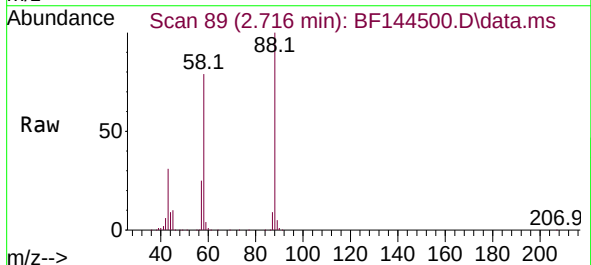
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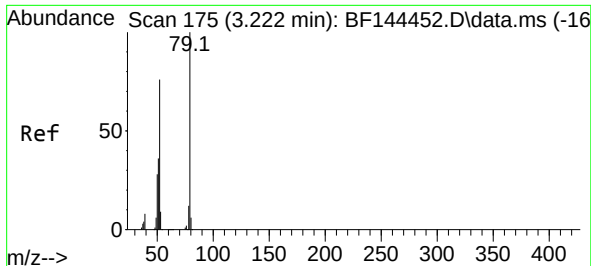
Tgt Ion:152 Resp: 206760
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.4 191.2
 115 61.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 39.108 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.224 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

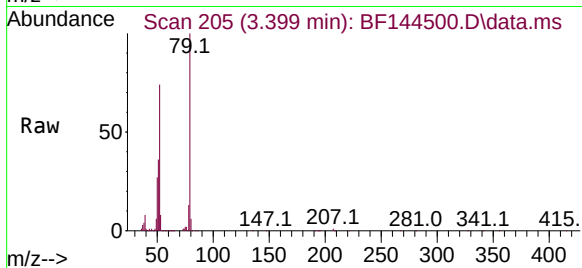
Tgt Ion: 88 Resp: 257870
 Ion Ratio Lower Upper
 88 100
 58 77.4 63.9 95.9
 43 0.0 24.2 36.4



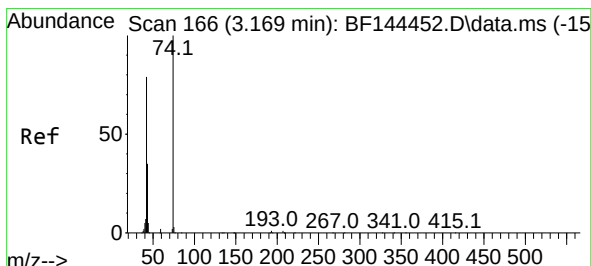
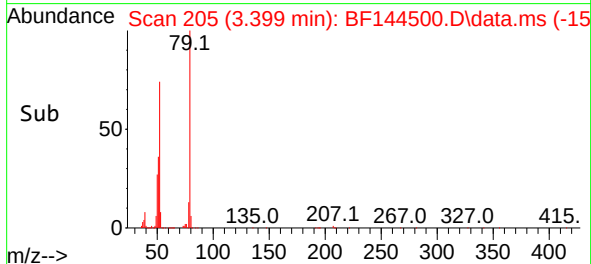
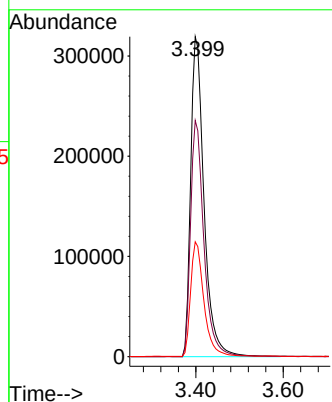


#3
Pyridine
Concen: 37.403 ng
RT: 3.399 min Scan# 20
Delta R.T. 0.176 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Instrument :
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ClientSampleId :
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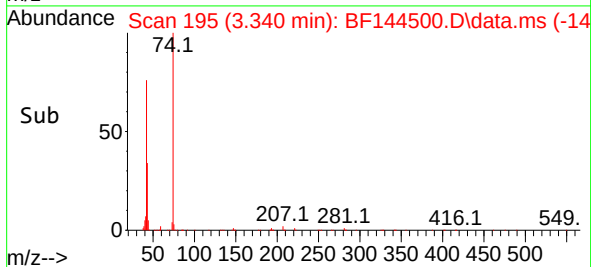
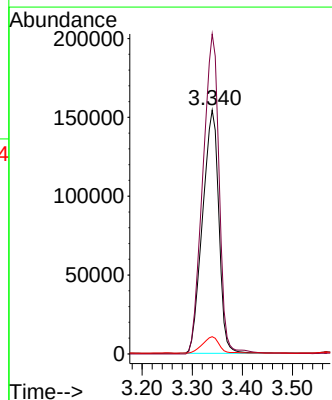
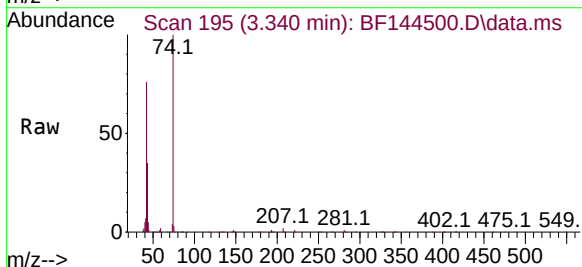


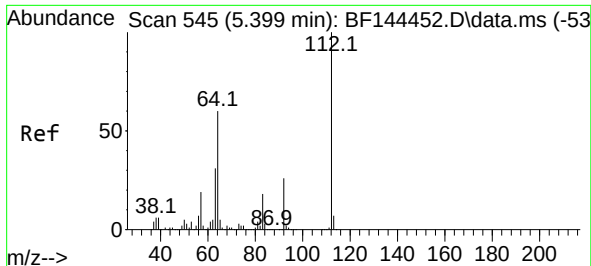
Tgt Ion: 79 Resp: 678161
Ion Ratio Lower Upper
79 100
52 73.8 60.5 90.7
51 35.9 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 44.263 ng
RT: 3.340 min Scan# 195
Delta R.T. 0.171 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion: 42 Resp: 348775
Ion Ratio Lower Upper
42 100
74 131.3 101.8 152.8
44 7.0 5.7 8.5

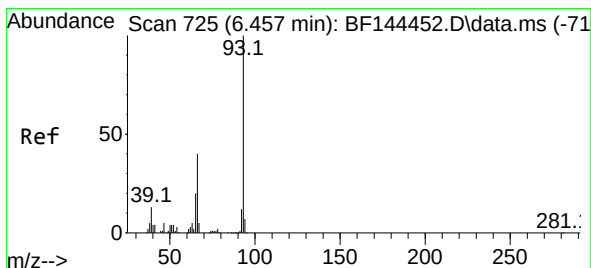
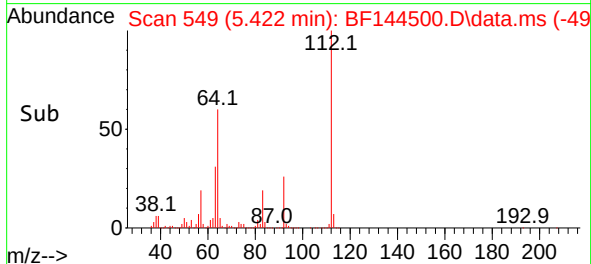
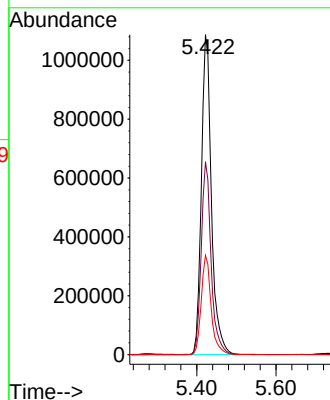
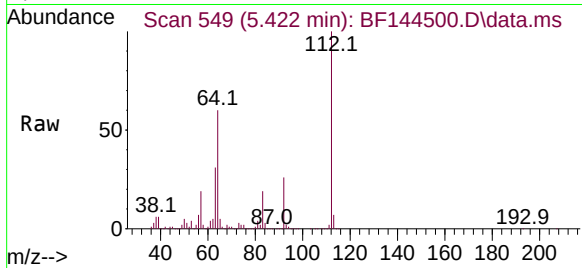




#5
2-Fluorophenol
Concen: 138.925 ng
RT: 5.422 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

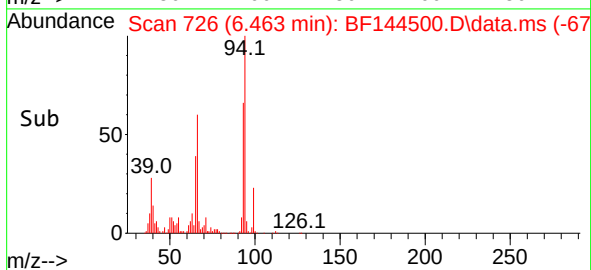
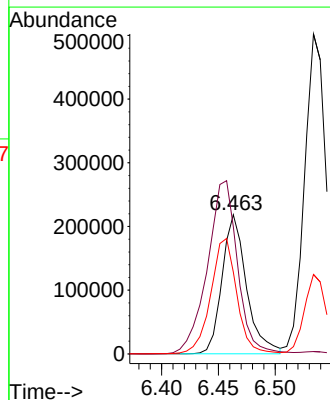
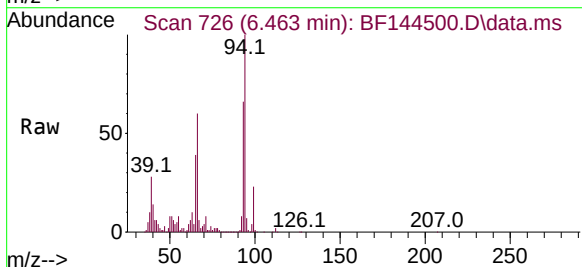
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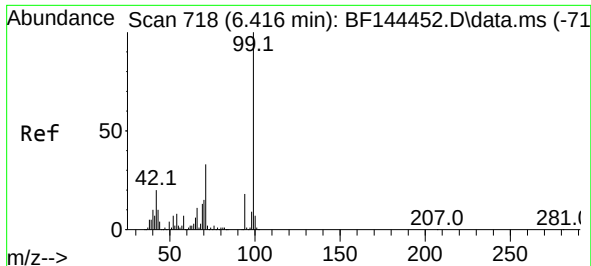
Tgt Ion:112 Resp: 1905031
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 31.0 24.6 37.0



#6
Aniline
Concen: 13.650 ng
RT: 6.463 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion: 93 Resp: 325687
Ion Ratio Lower Upper
93 100
66 91.6 32.4 48.6#
65 58.9 16.1 24.1#

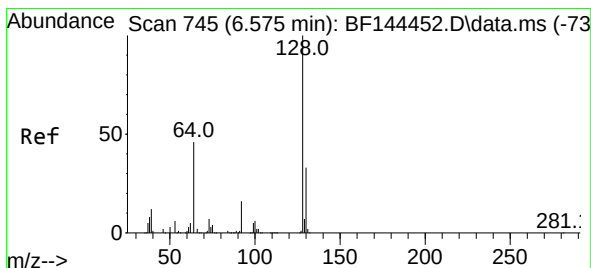
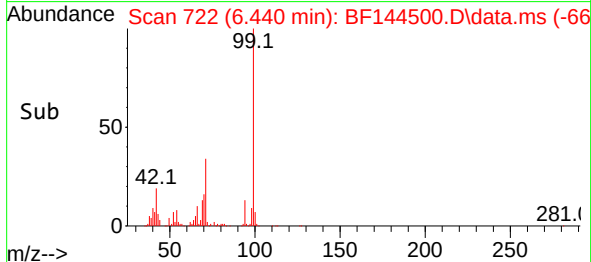
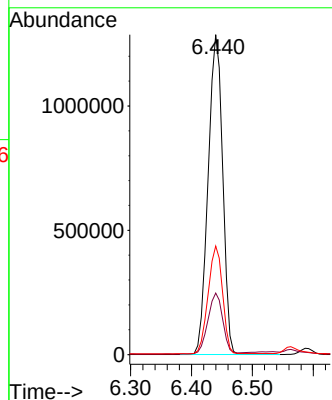
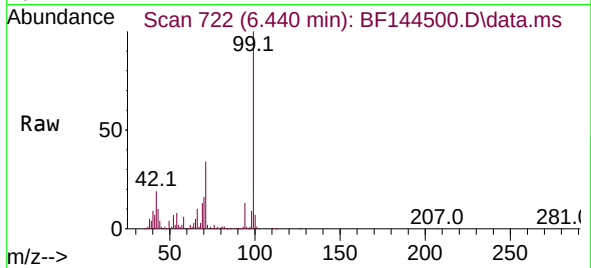




#7
Phenol-d6
Concen: 124.652 ng
RT: 6.440 min Scan# 718
Delta R.T. 0.024 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

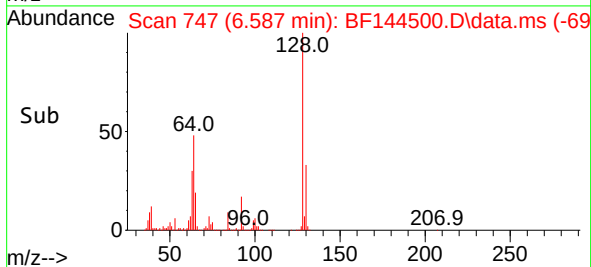
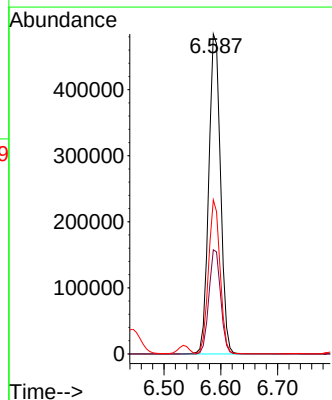
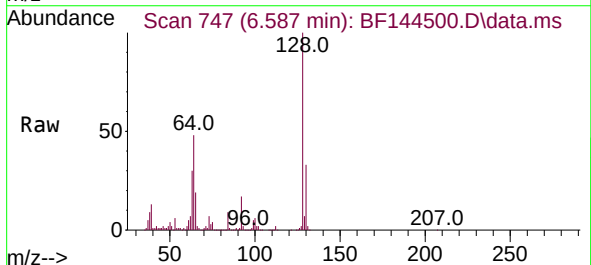
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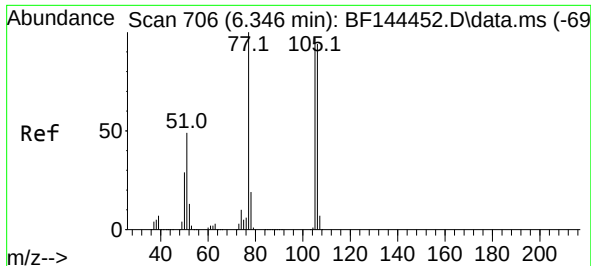
Tgt Ion: 99 Resp: 2132048
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 33.9 26.4 39.6



#8
2-Chlorophenol
Concen: 47.621 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:128 Resp: 700106
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 48.1 28.9 68.9

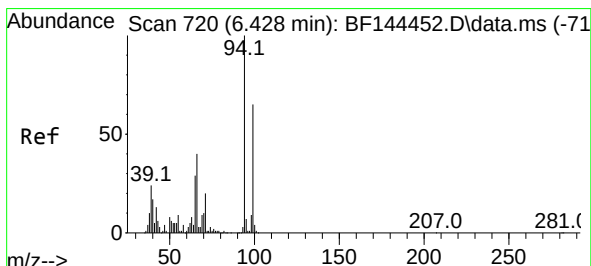
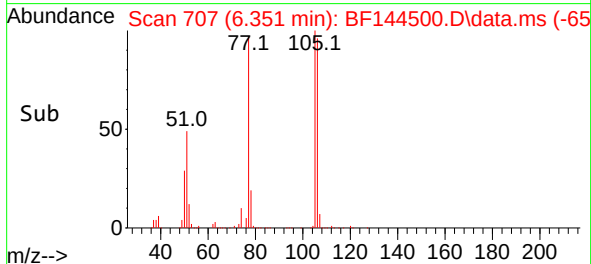
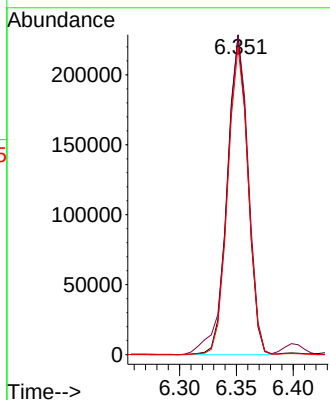
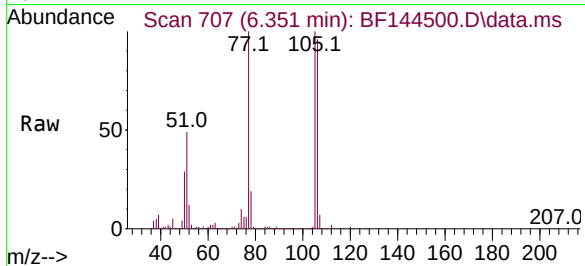




#9
Benzaldehyde
Concen: 21.295 ng
RT: 6.351 min Scan# 706
Delta R.T. 0.006 min
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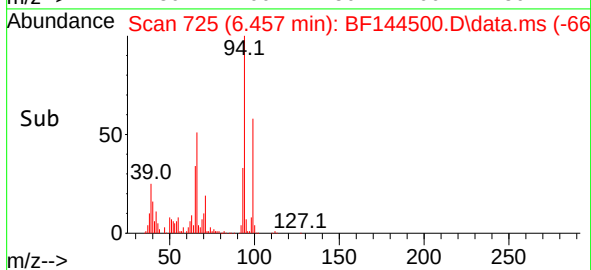
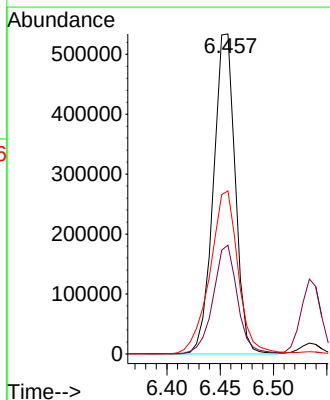
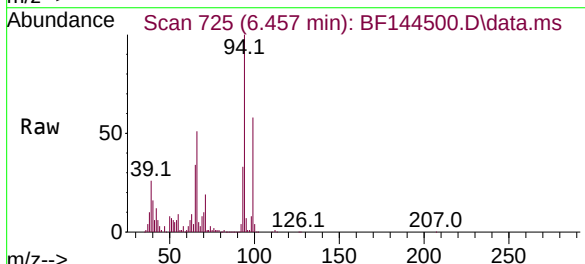
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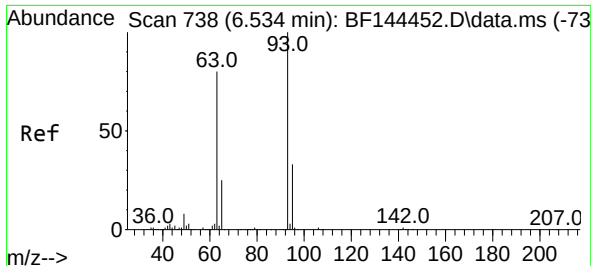
Tgt Ion: 77 Resp: 285138
Ion Ratio Lower Upper
77 100
105 100.5 77.0 117.0
106 96.7 74.1 114.1



#10
Phenol
Concen: 37.775 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.029 min
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Tgt Ion: 94 Resp: 762539
Ion Ratio Lower Upper
94 100
65 34.0 9.1 49.1
66 50.9 20.3 60.3

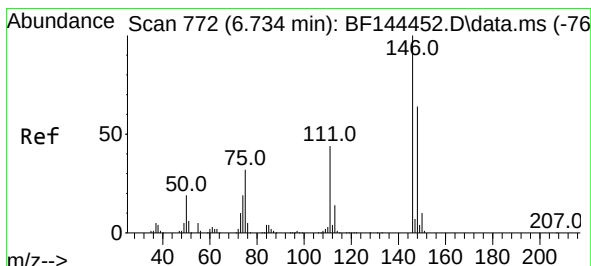
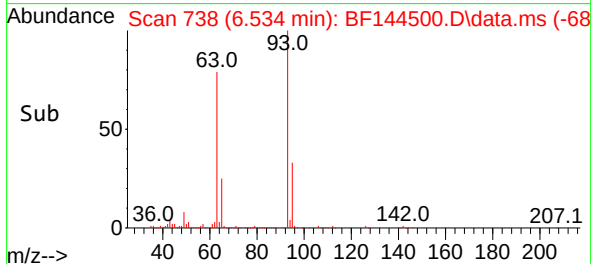
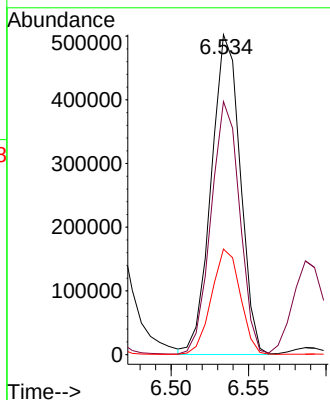
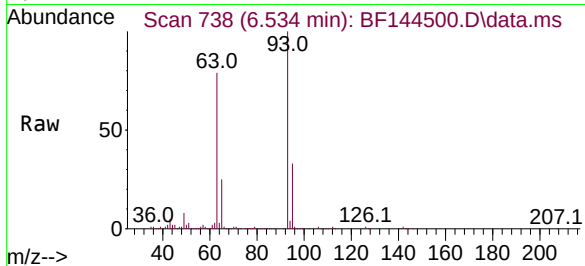




#11
bis(2-Chloroethyl)ether
Concen: 44.373 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

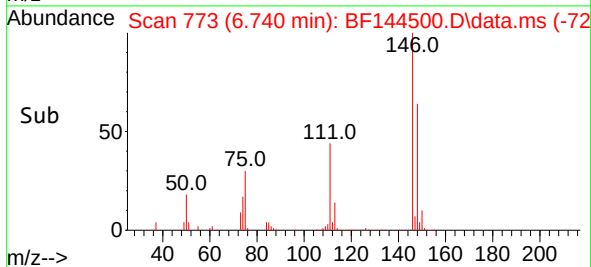
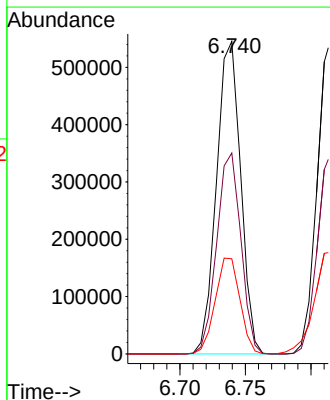
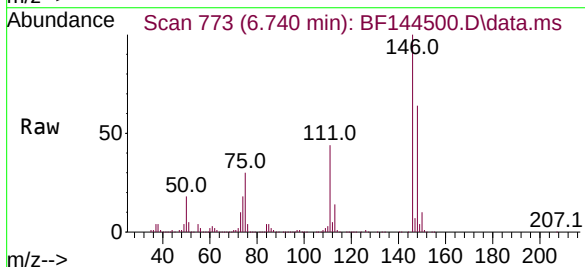
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

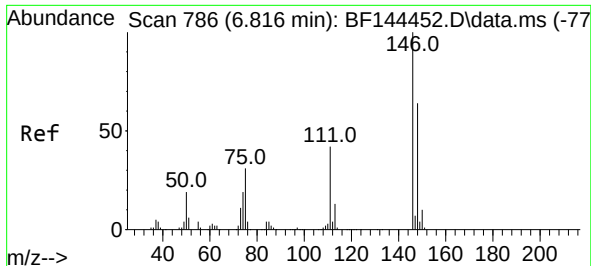
Tgt Ion: 93	Resp: 654719
Ion Ratio	Lower Upper
93 100	
63 79.1	59.8 99.8
95 33.0	13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 44.136 ng
RT: 6.740 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:146	Resp: 701070		
Ion Ratio	Lower	Upper	
146 100			
148 64.3	51.0	76.6	
75 30.4	25.8	38.8	

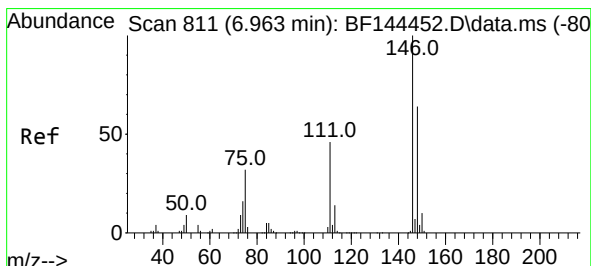
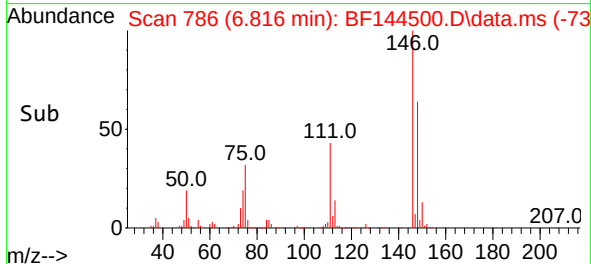
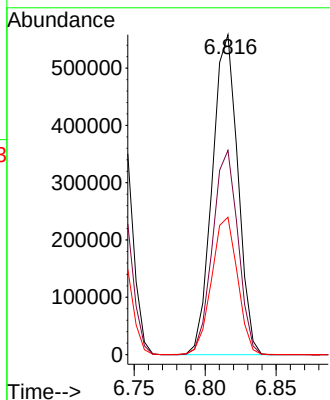
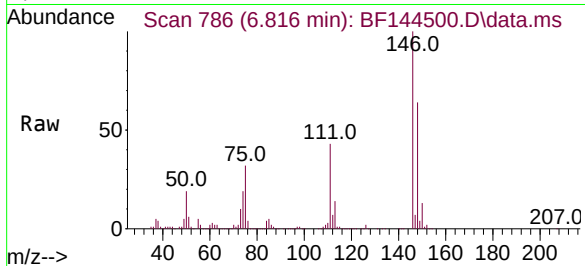




#13
1,4-Dichlorobenzene
Concen: 43.966 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

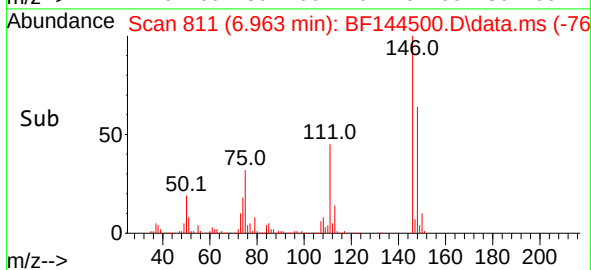
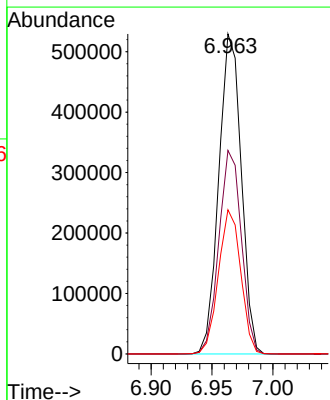
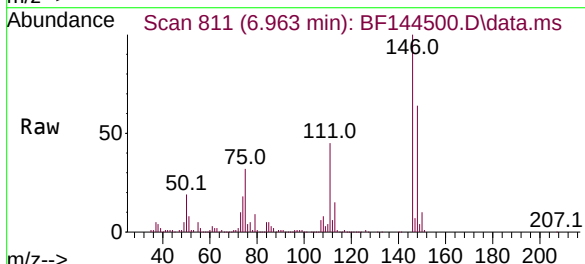
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

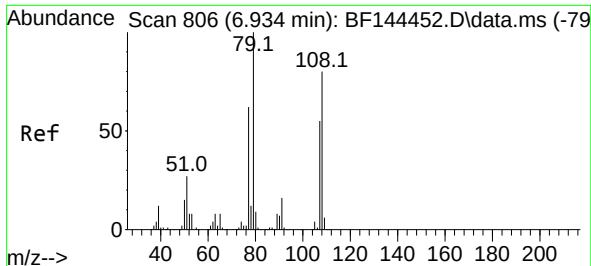
Tgt Ion:146 Resp: 700699
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 42.9 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 44.875 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:146 Resp: 679190
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 45.0 36.5 54.7

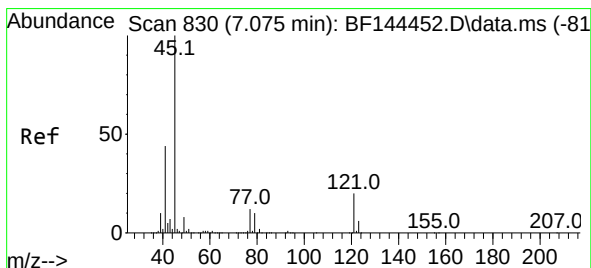
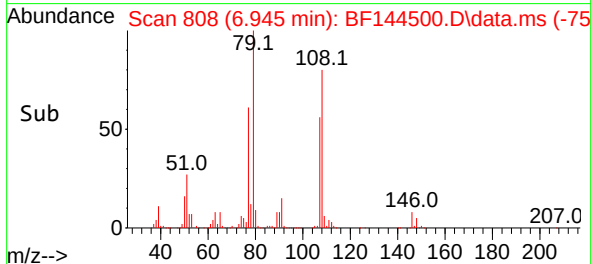
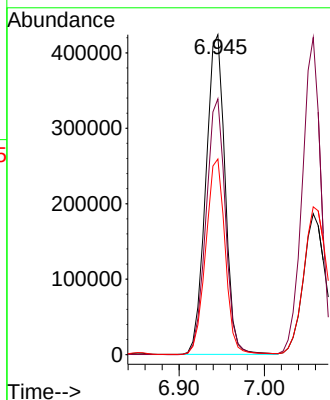
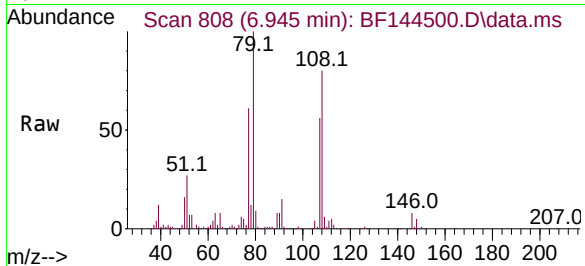




#15
Benzyl Alcohol
Concen: 52.732 ng
RT: 6.945 min Scan# 806
Delta R.T. 0.012 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

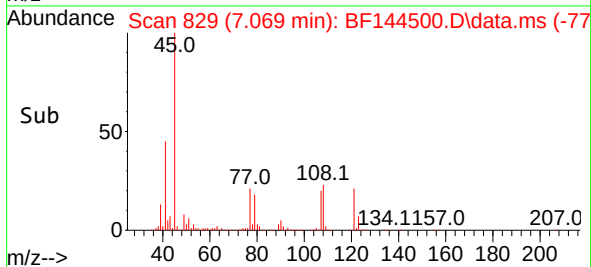
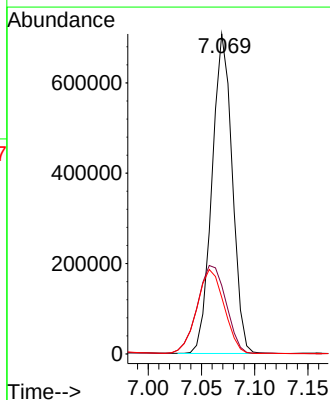
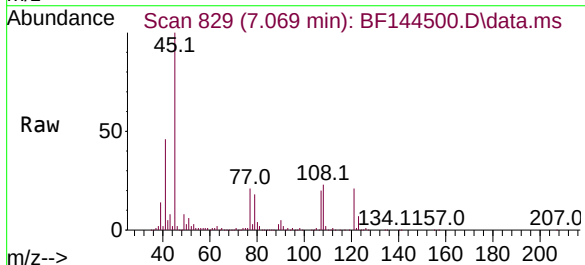
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

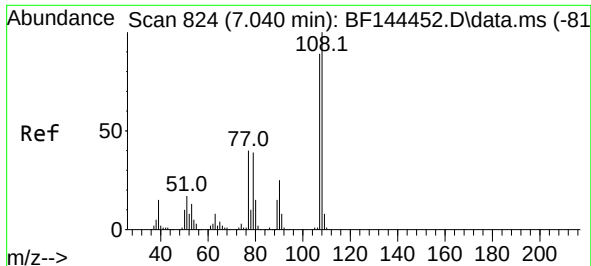
Tgt Ion: 79 Resp: 664781
Ion Ratio Lower Upper
79 100
108 79.9 63.7 95.5
77 61.1 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.636 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

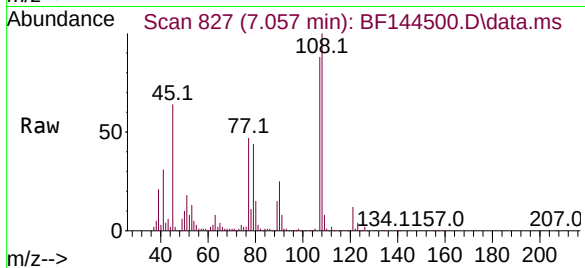
Tgt Ion: 45 Resp: 937148
Ion Ratio Lower Upper
45 100
77 21.4 0.0 32.6
79 17.7 0.0 29.9



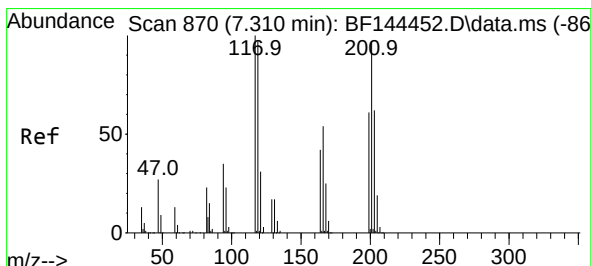
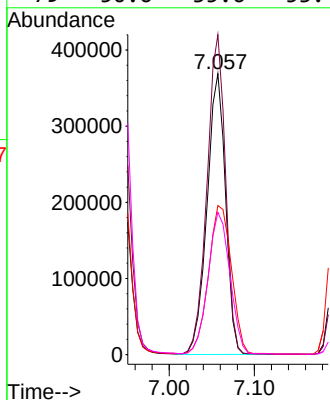
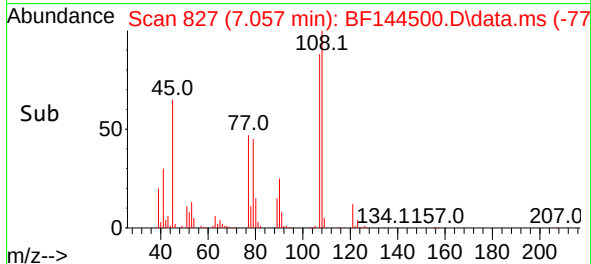


#17
2-Methylphenol
Concen: 44.855 ng
RT: 7.057 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

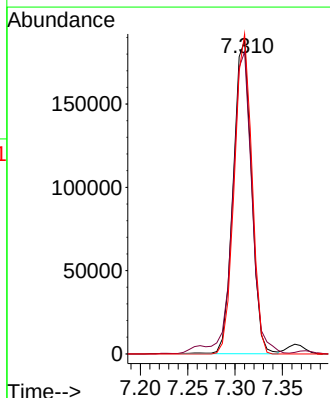
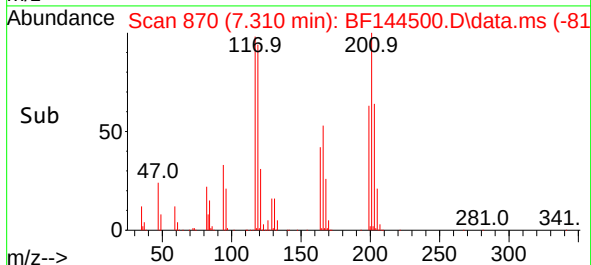
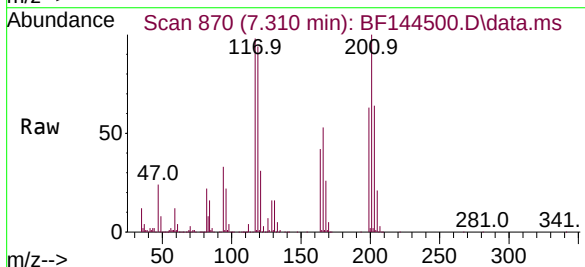


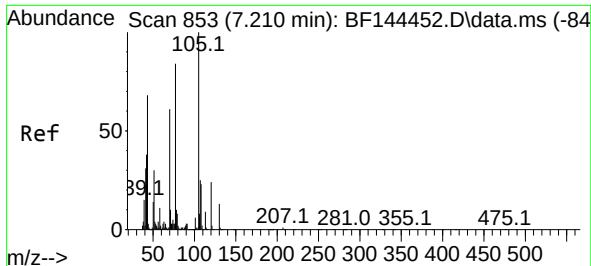
Tgt Ion:107 Resp: 555872
Ion Ratio Lower Upper
107 100
108 113.9 89.9 134.9
77 53.1 35.7 53.5
79 50.6 35.6 53.4



#18
Hexachloroethane
Concen: 45.467 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:117 Resp: 251778
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 102.1 77.3 115.9

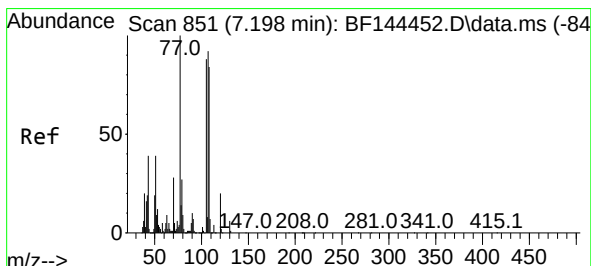
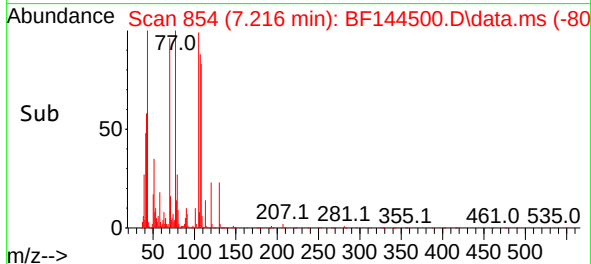
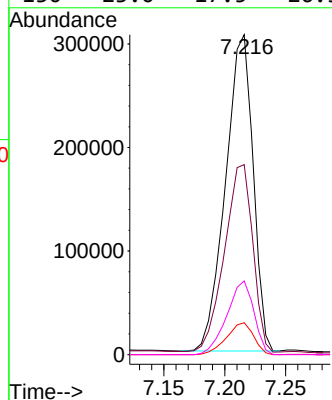
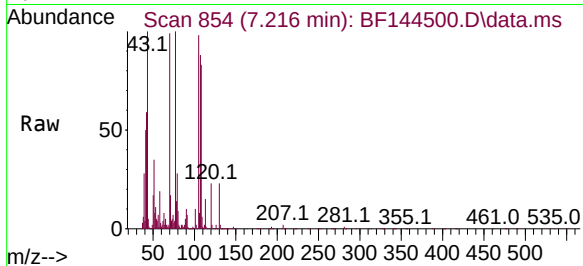




#19
n-Nitroso-di-n-propylamine
Concen: 44.552 ng
RT: 7.216 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

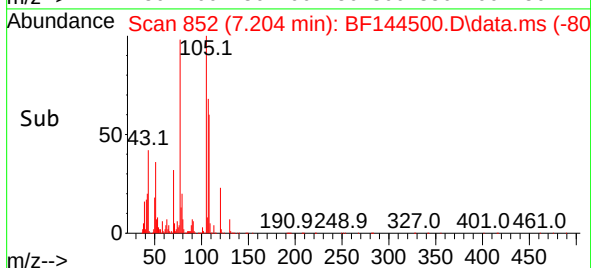
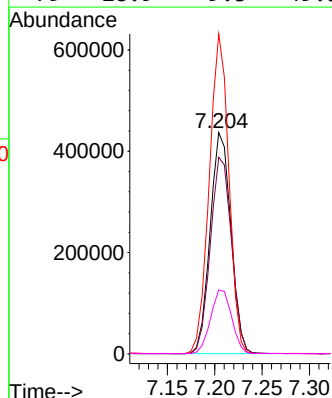
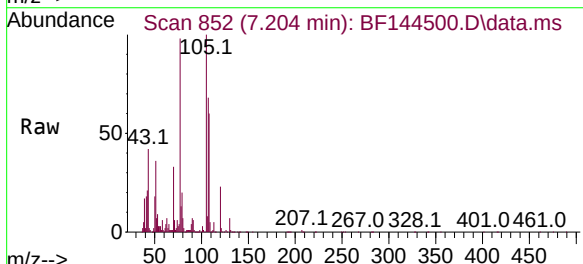
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

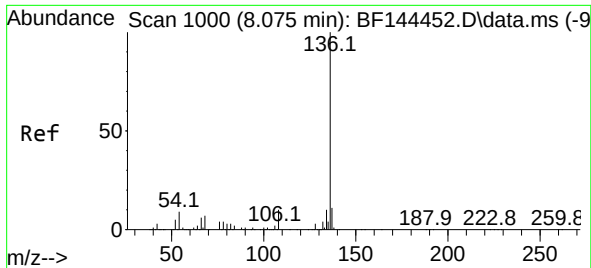
Tgt Ion: 70 Resp: 481335
Ion Ratio Lower Upper
70 100
42 59.4 49.4 74.0
101 10.0 7.8 11.6
130 23.0 17.5 26.3



#20
3+4-Methylphenols
Concen: 43.826 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:107 Resp: 667331
Ion Ratio Lower Upper
107 100
108 88.7 71.5 111.5
77 144.5 88.5 128.5#
79 28.9 9.3 49.3

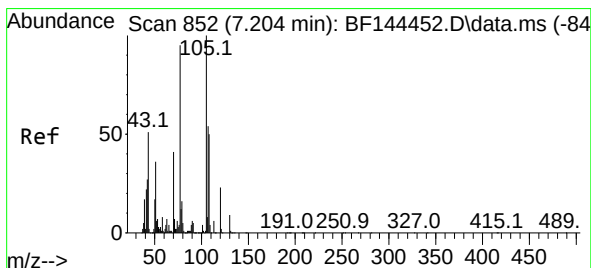
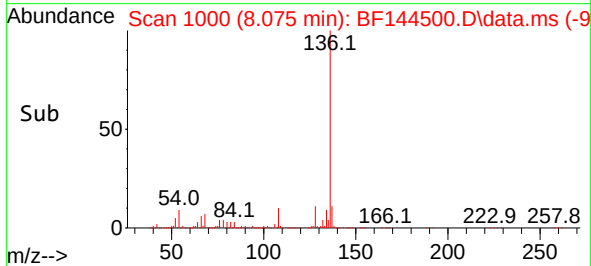
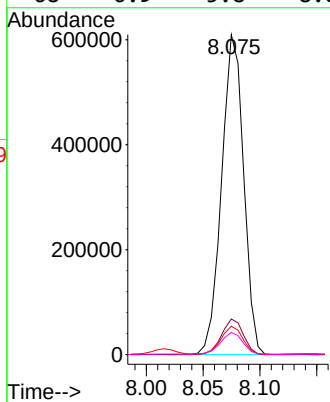
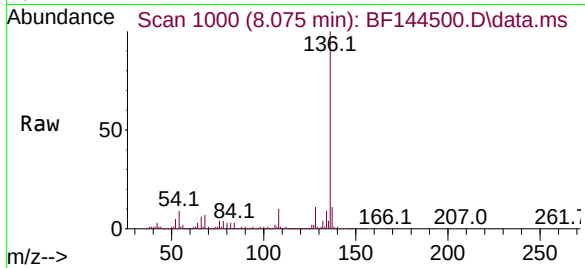




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

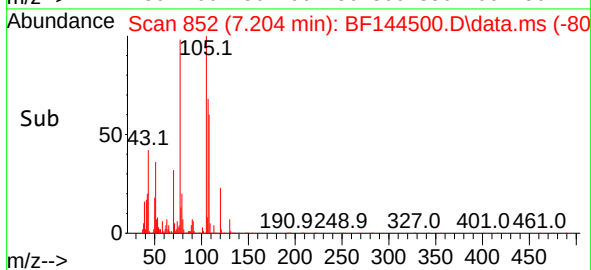
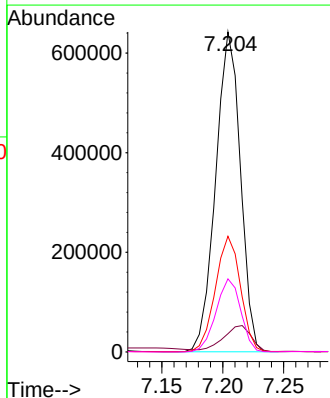
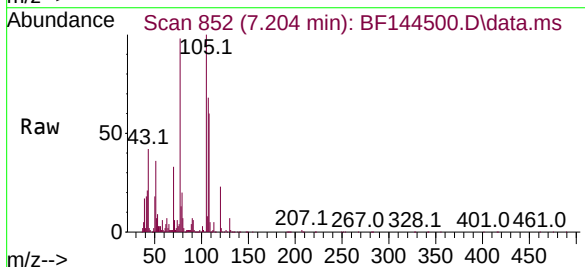
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

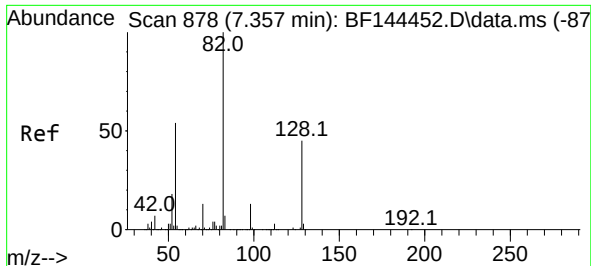
Tgt Ion:136	Resp: 820946
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 8.9	7.5 11.3
68 6.9	5.8 8.8



#22
Acetophenone
Concen: 44.614 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt	Ion:105	Resp:	908462
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.6	8.4
51	36.1	28.6	42.8
120	22.8	18.6	27.8





#23

Nitrobenzene-d5

Concen: 111.488 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

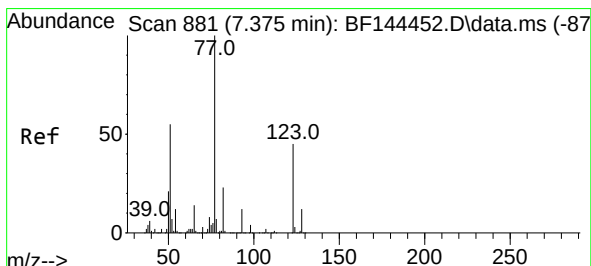
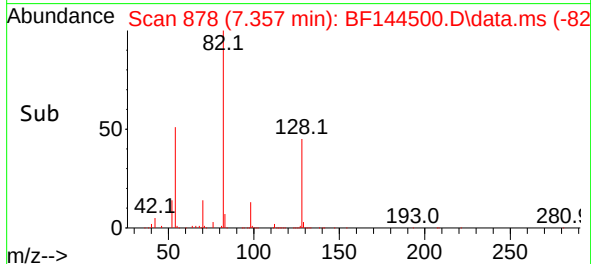
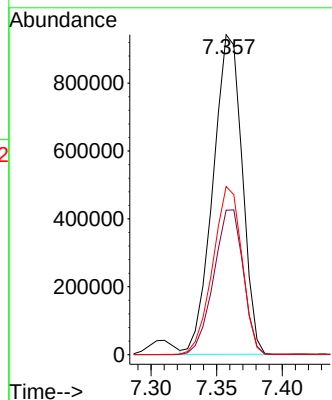
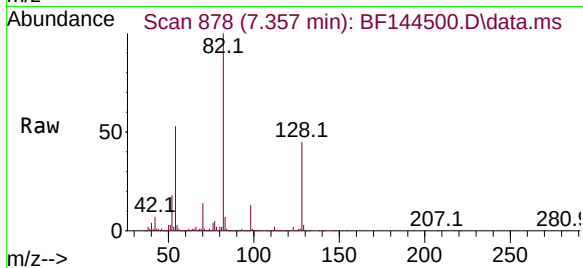
BNA_F

ClientSampleId :

AI COVE 11 12"MSD

Tgt Ion: 82 Resp: 1462589

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.5	53.3
54	52.5	43.3	64.9



#24

Nitrobenzene

Concen: 50.174 ng

RT: 7.381 min Scan# 882

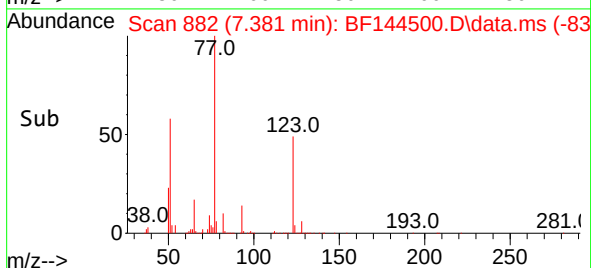
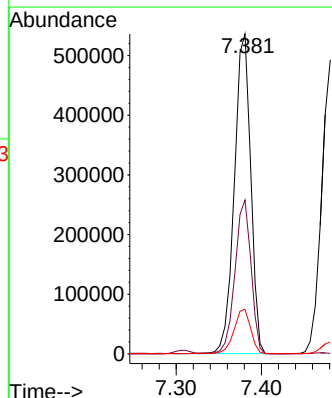
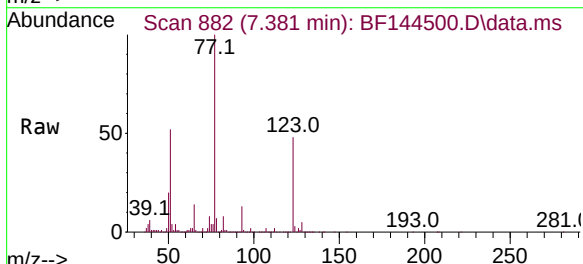
Delta R.T. 0.006 min

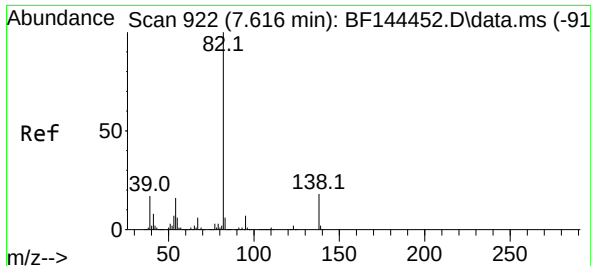
Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Tgt Ion: 77 Resp: 714058

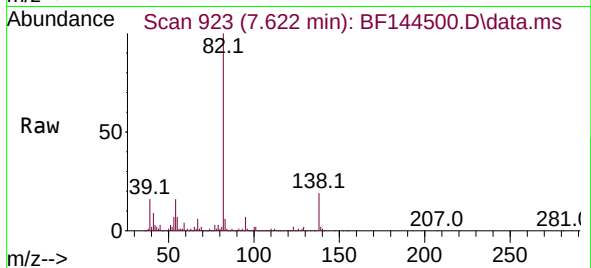
Ion	Ratio	Lower	Upper
77	100		
123	48.1	36.2	54.2
65	13.9	11.0	16.6



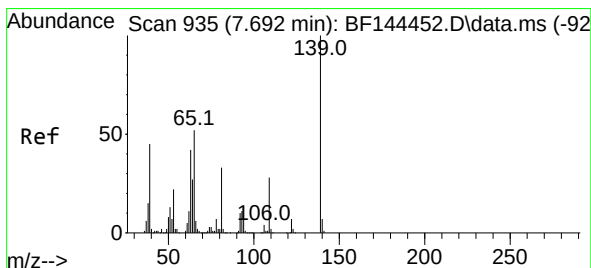
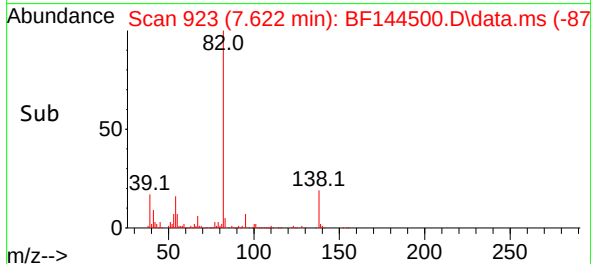
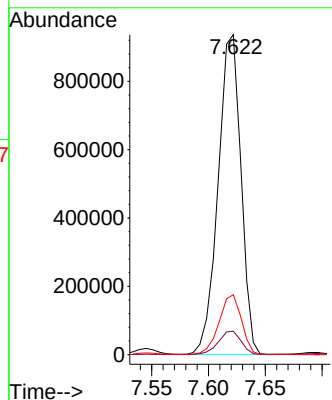


#25
Isophorone
Concen: 44.121 ng
RT: 7.622 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

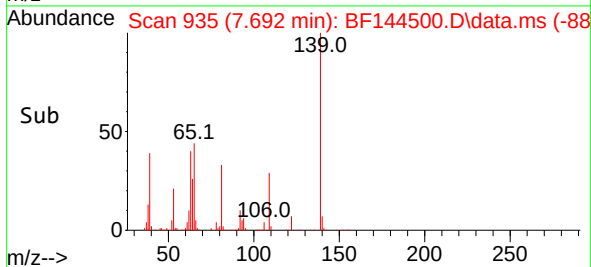
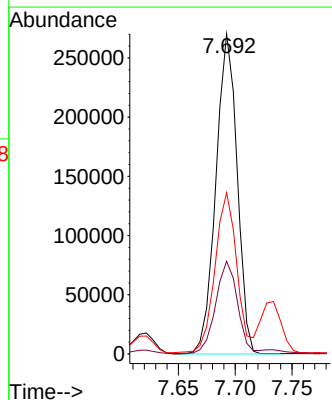
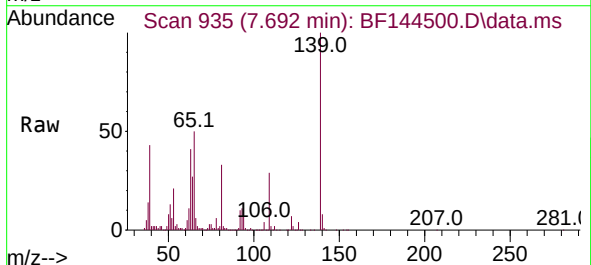


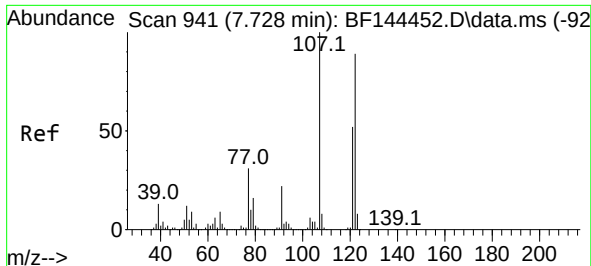
Tgt Ion: 82 Resp: 1306296
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.7 14.4 21.6



#26
2-Nitrophenol
Concen: 55.322 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:139 Resp: 350873
Ion Ratio Lower Upper
139 100
109 29.0 22.1 33.1
65 50.4 41.5 62.3

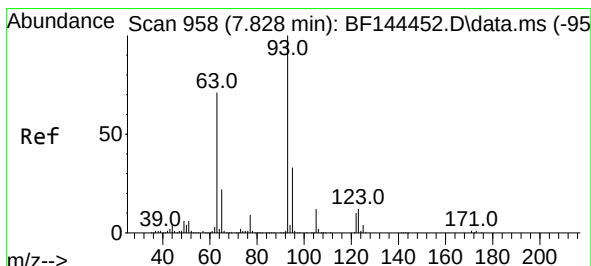
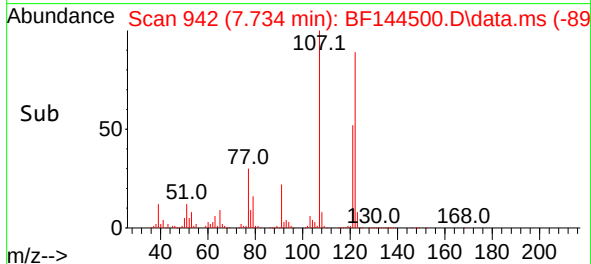
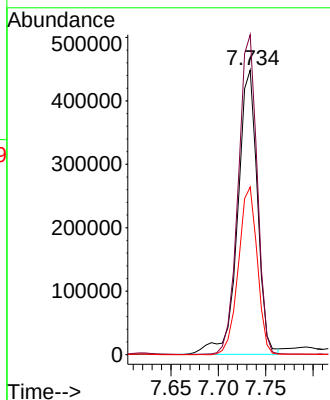
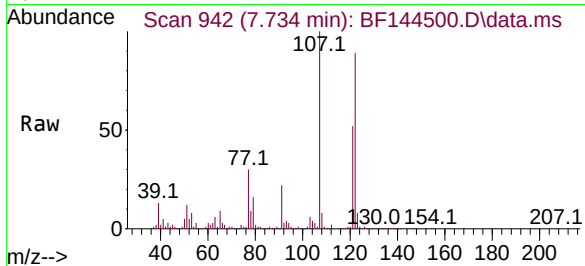




#27
2,4-Dimethylphenol
Concen: 45.965 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

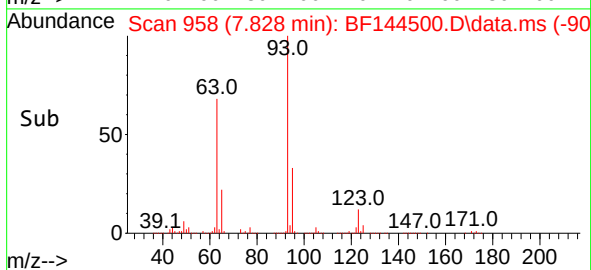
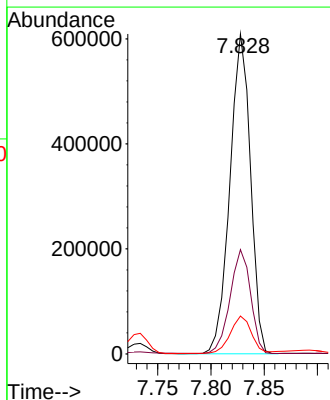
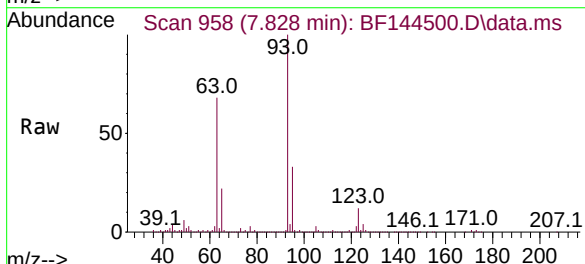
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

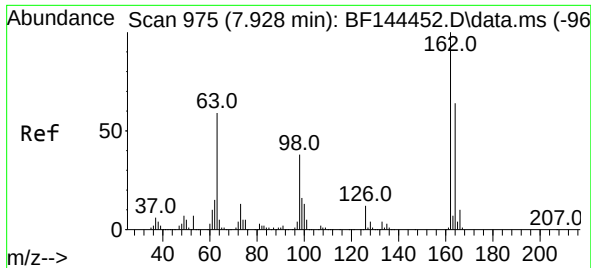
Tgt Ion:122 Resp: 649332
Ion Ratio Lower Upper
122 100
107 112.5 90.0 135.0
121 58.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.752 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion: 93 Resp: 816446
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.589 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

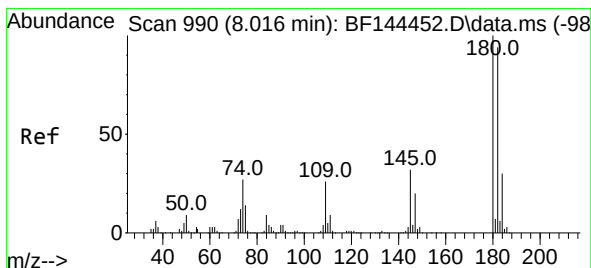
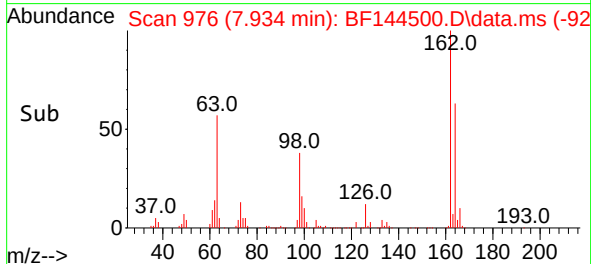
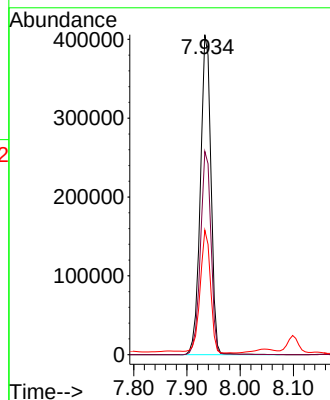
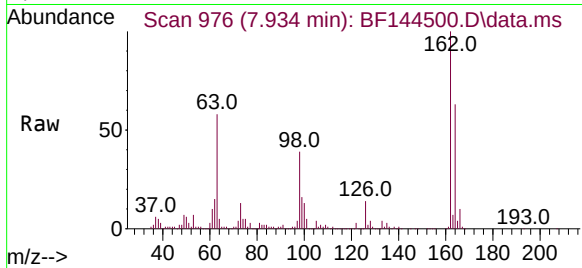
Tgt Ion:162 Resp: 558605

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 38.9 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 46.764 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

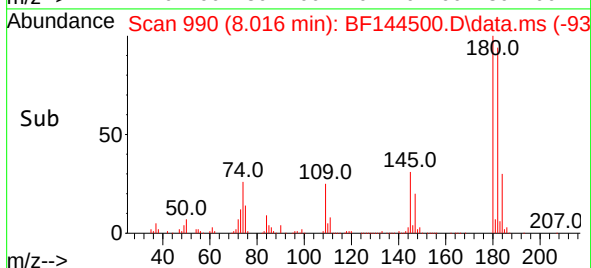
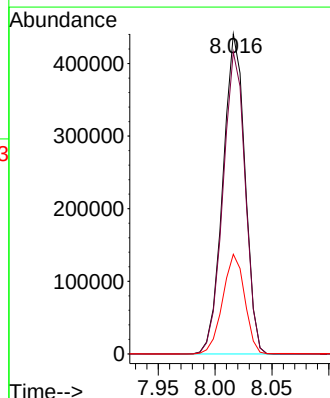
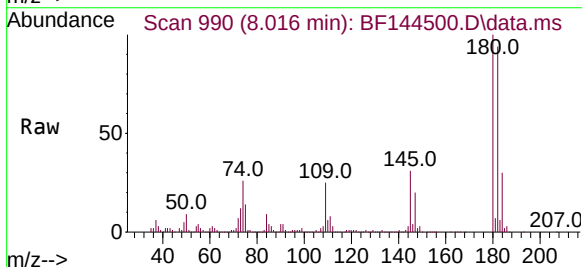
Tgt Ion:180 Resp: 595360

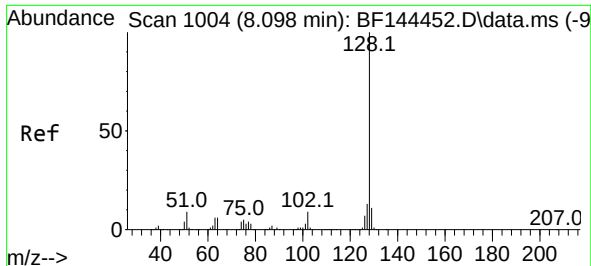
Ion Ratio Lower Upper

180 100

182 94.3 75.2 112.8

145 31.1 25.3 37.9



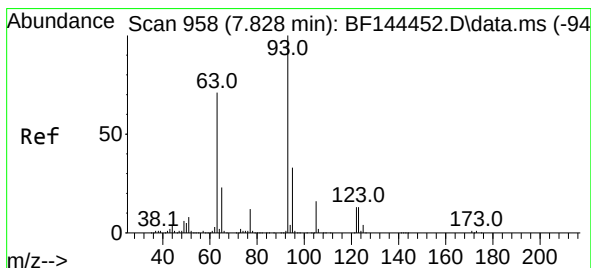
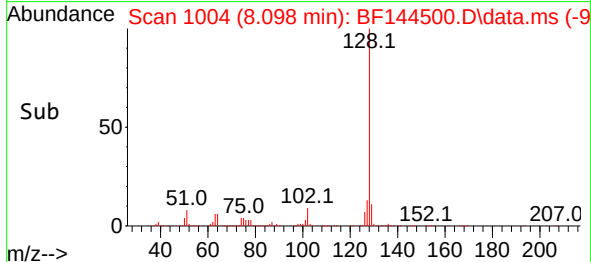
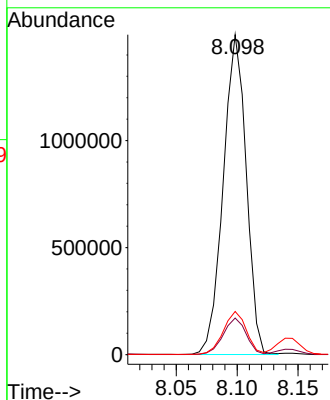
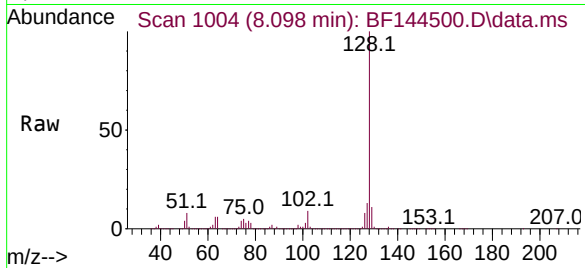


#31
Naphthalene
Concen: 44.451 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

Tgt Ion:128 Resp: 1963996

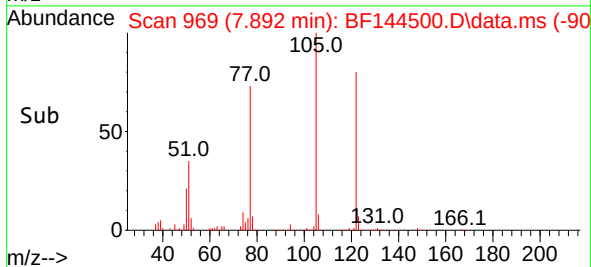
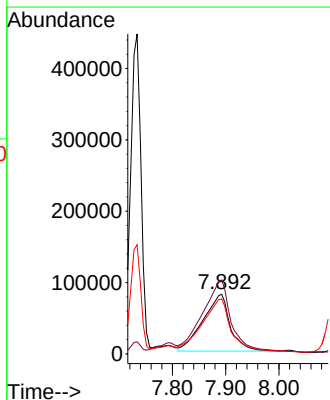
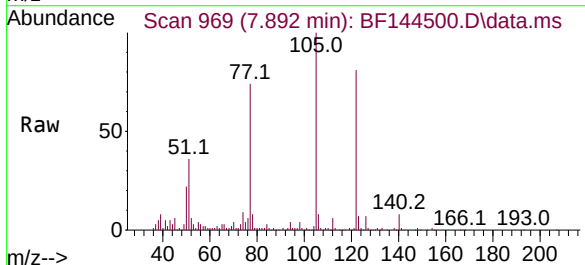
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.5	10.6	16.0

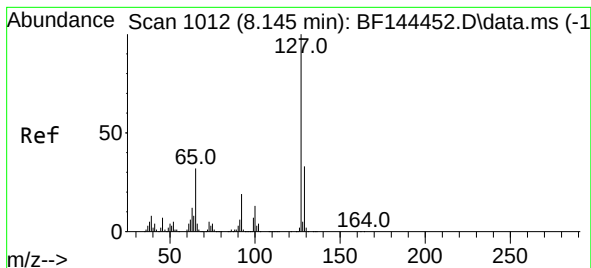


#32
Benzoic acid
Concen: 35.556 ng
RT: 7.892 min Scan# 969
Delta R.T. 0.064 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:122 Resp: 282110

Ion	Ratio	Lower	Upper
122	100		
105	124.2	103.2	143.2
77	92.4	75.1	115.1





#33

4-Chloroaniline

Concen: 5.756 ng

RT: 8.140 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

Tgt Ion:127 Resp: 102231

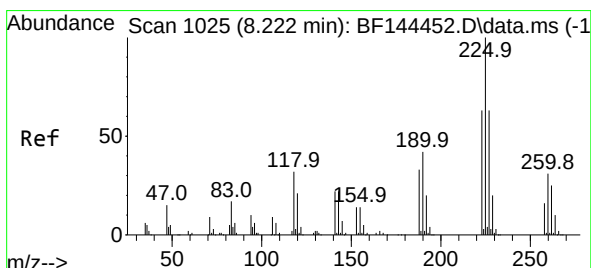
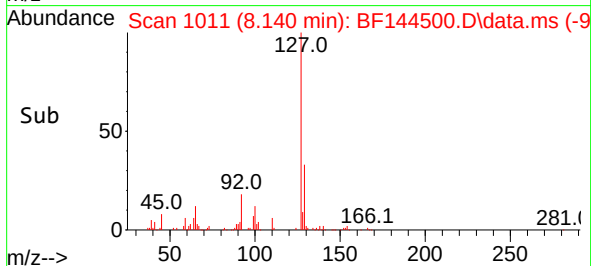
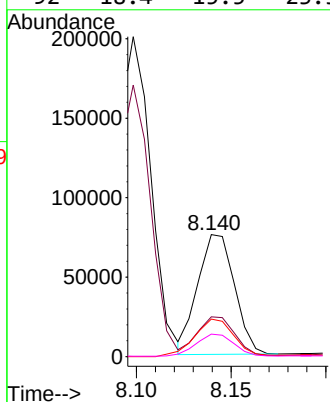
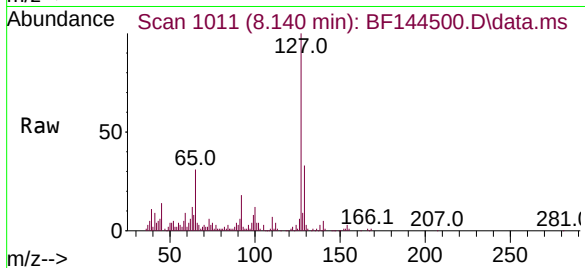
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.4

65 30.8 25.8 38.8

92 18.4 15.5 23.3



#34

Hexachlorobutadiene

Concen: 43.931 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

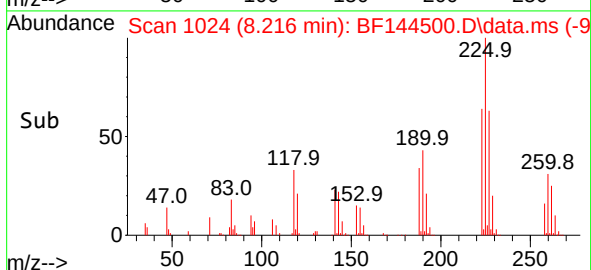
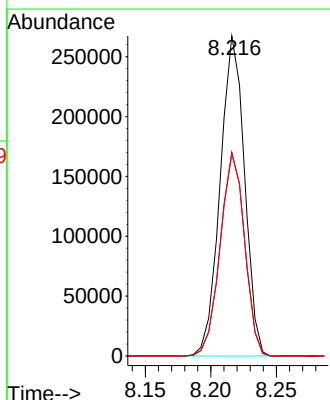
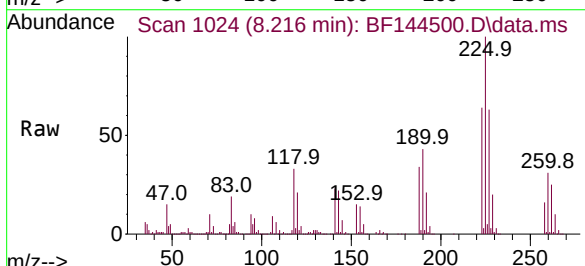
Tgt Ion:225 Resp: 345818

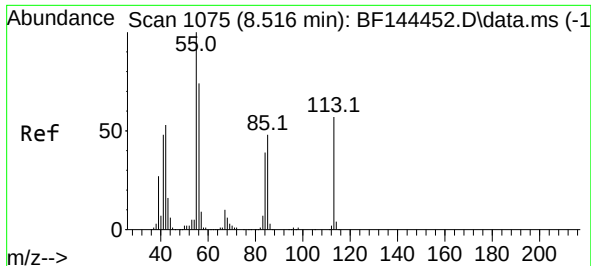
Ion Ratio Lower Upper

225 100

223 63.6 50.1 75.1

227 63.1 50.3 75.5

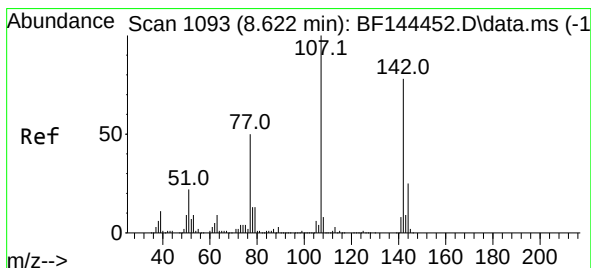
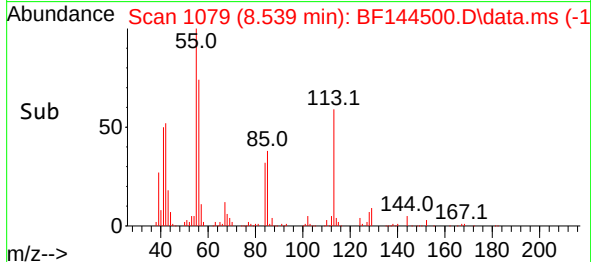
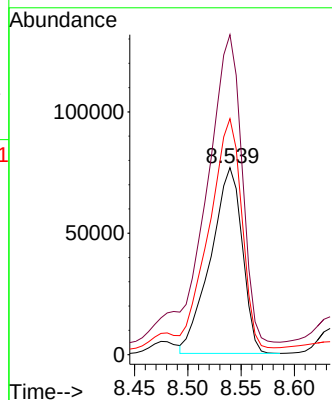
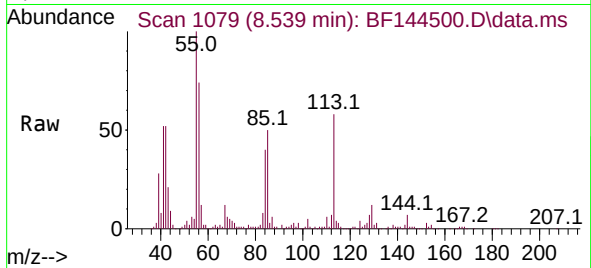




#35
 Caprolactam
 Concen: 40.704 ng
 RT: 8.539 min Scan# 1079
 Delta R.T. 0.023 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

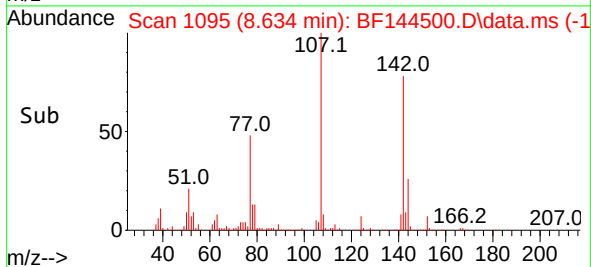
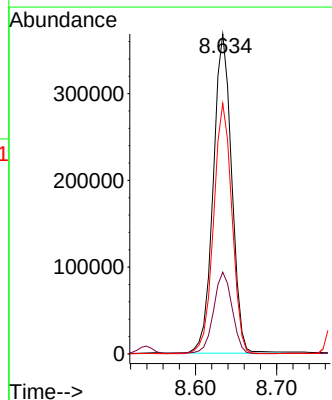
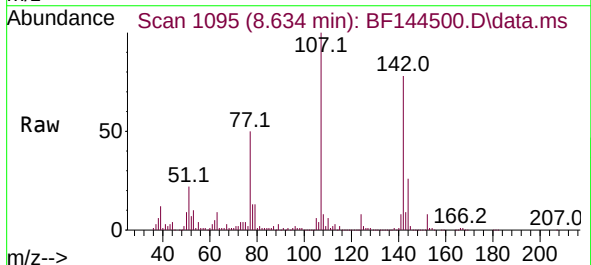
Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"MSD

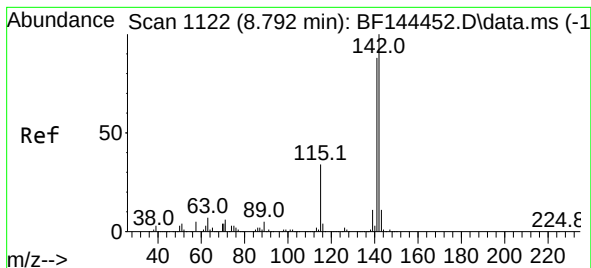
Tgt Ion:	113	Resp:	157776
Ion	Ratio	Lower	Upper
113	100		
55	171.2	154.5	194.5
56	126.3	109.8	149.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.546 ng
 RT: 8.634 min Scan# 1095
 Delta R.T. 0.012 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

Tgt Ion:	107	Resp:	580364
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	78.3	62.4	93.6





#37

2-Methylnaphthalene

Concen: 41.066 ng

RT: 8.787 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

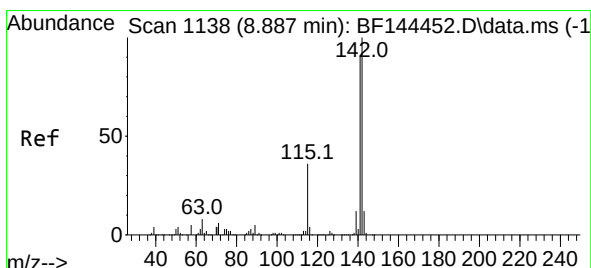
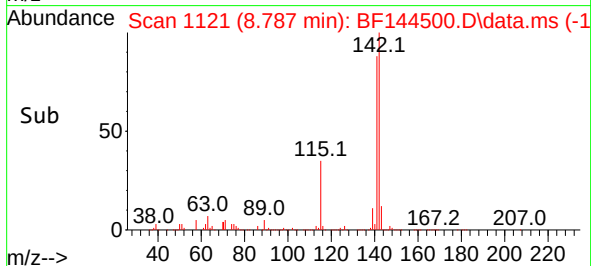
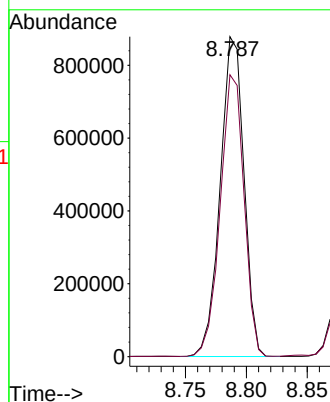
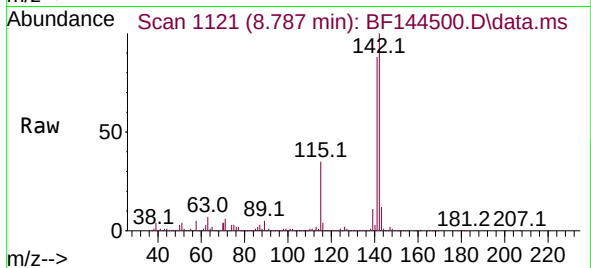
AI COVE 11 12"MSD

Tgt Ion:142 Resp: 1193782

Ion Ratio Lower Upper

142 100

141 88.1 70.0 105.0



#38

1-Methylnaphthalene

Concen: 43.302 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF144500.D

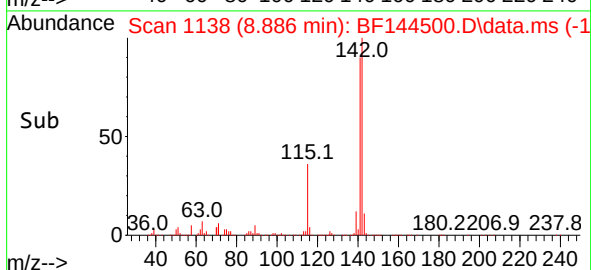
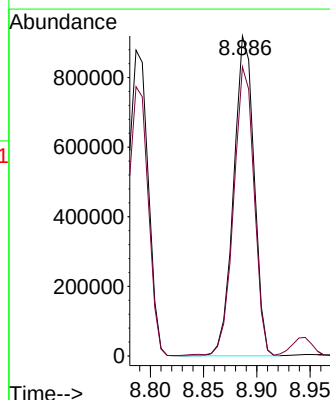
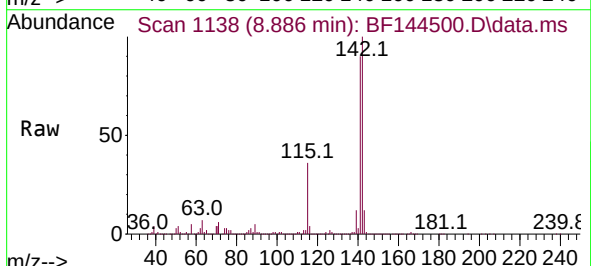
Acq: 16 Dec 2025 17:46

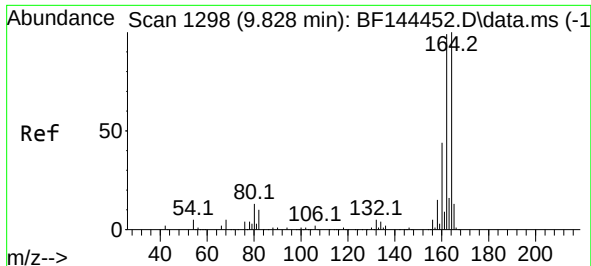
Tgt Ion:142 Resp: 1225726

Ion Ratio Lower Upper

142 100

141 90.3 72.6 109.0

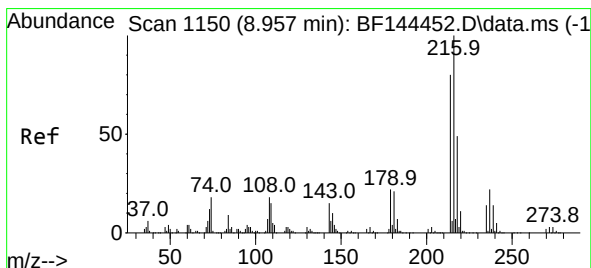
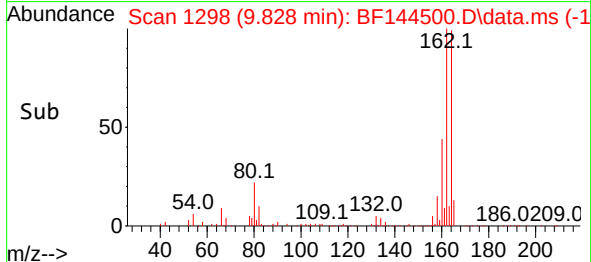
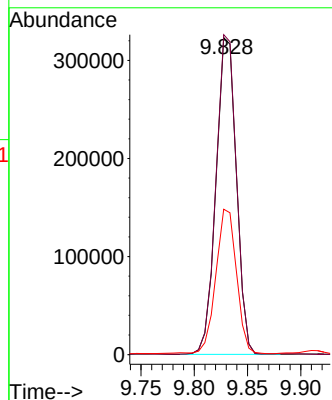
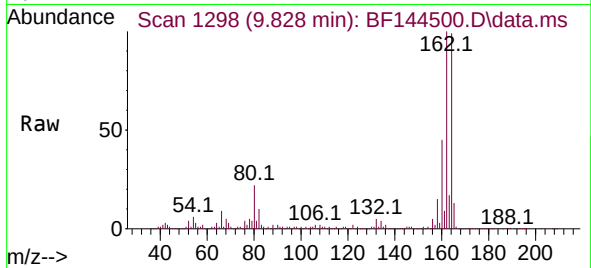




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

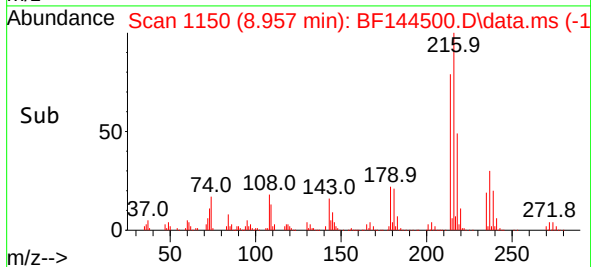
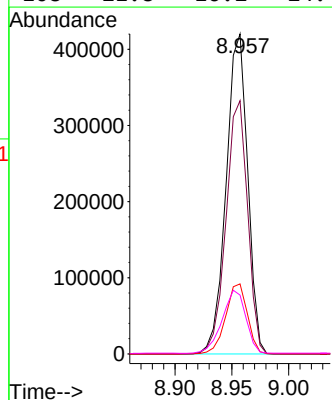
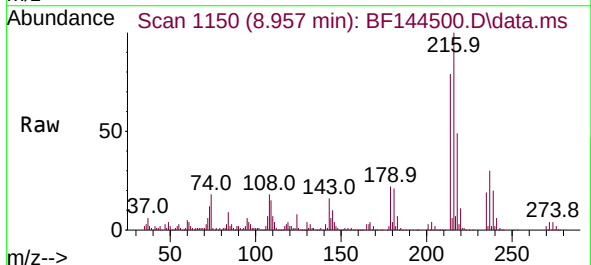
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

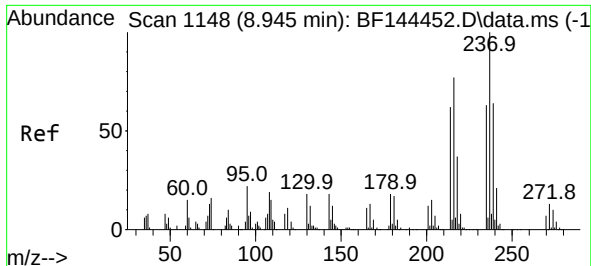
Tgt Ion:164 Resp: 430208
Ion Ratio Lower Upper
164 100
162 100.9 79.2 118.8
160 45.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.256 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

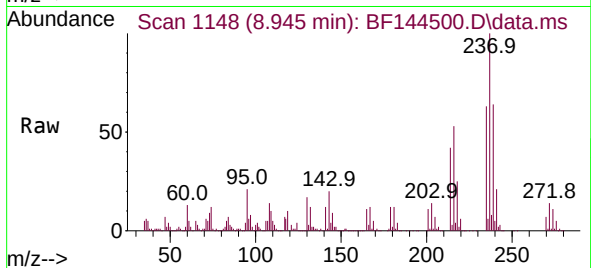
Tgt Ion:216 Resp: 554102
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.2 17.7 26.5
108 21.8 16.2 24.4



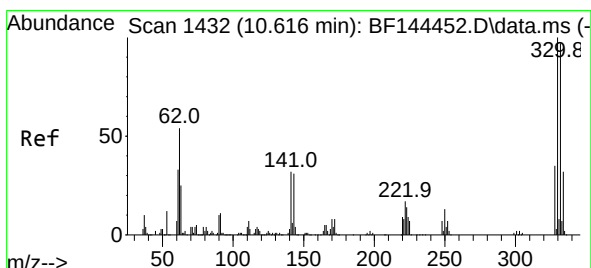
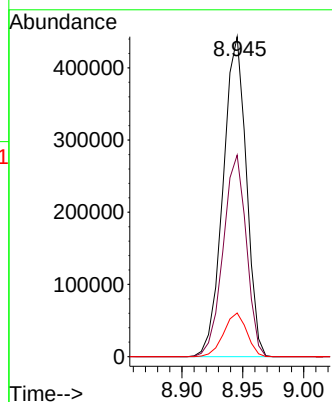
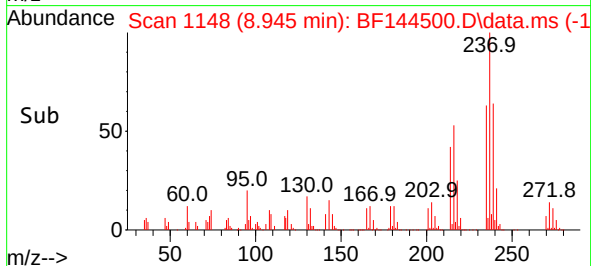


#41
Hexachlorocyclopentadiene
Concen: 81.325 ng
RT: 8.945 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

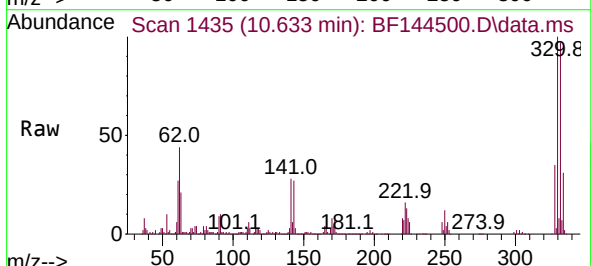
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD



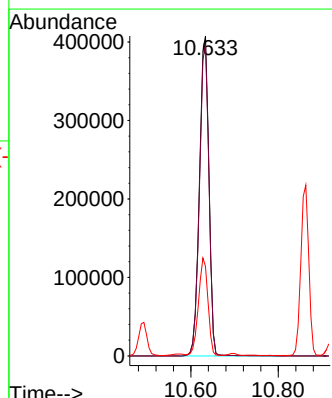
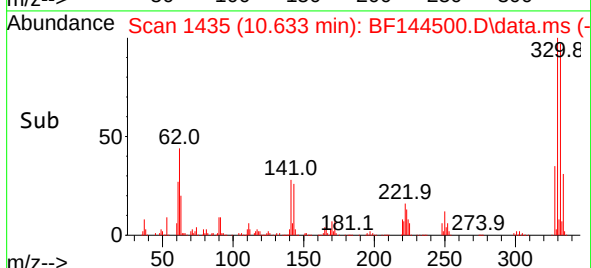
Tgt Ion:237 Resp: 589289
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.6 0.0 33.2

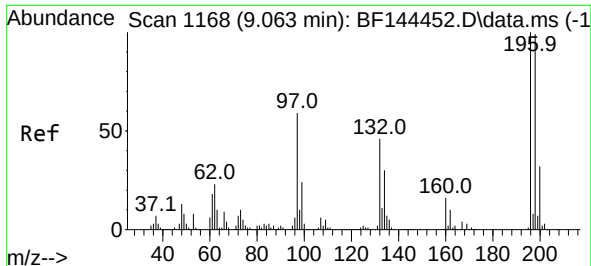


#42
2,4,6-Tribromophenol
Concen: 157.217 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.018 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46



Tgt Ion:330 Resp: 611496
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 30.2 26.2 39.2

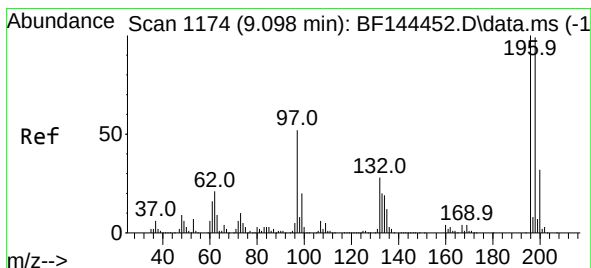
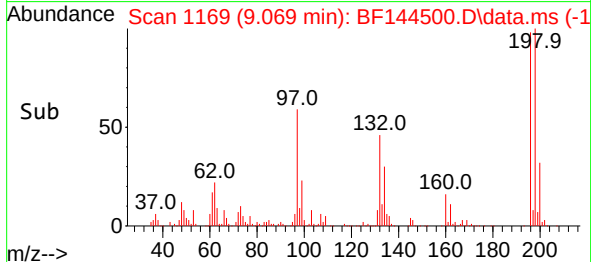
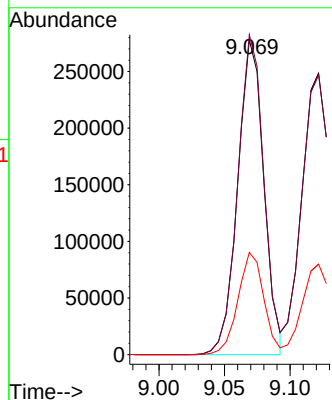
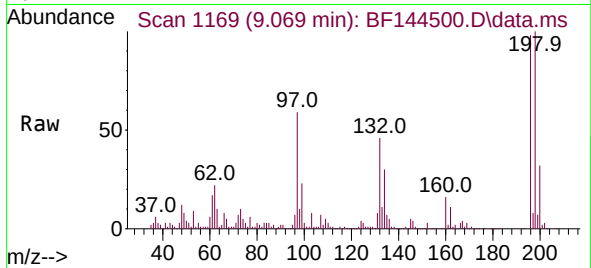




#43
2,4,6-Trichlorophenol
Concen: 49.606 ng
RT: 9.069 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

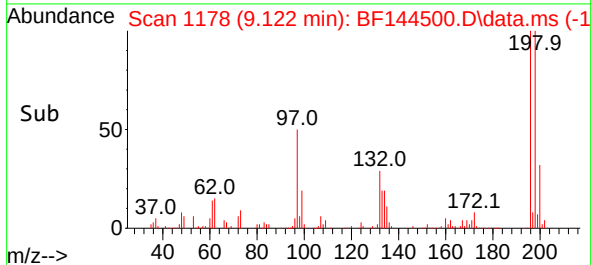
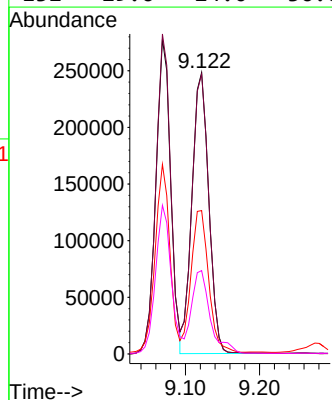
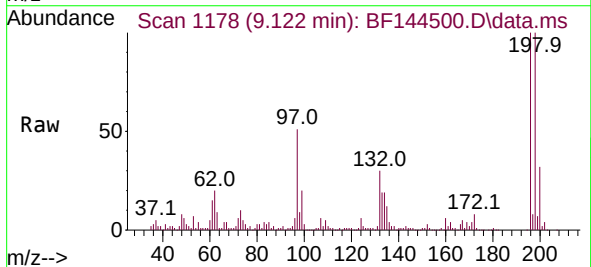
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

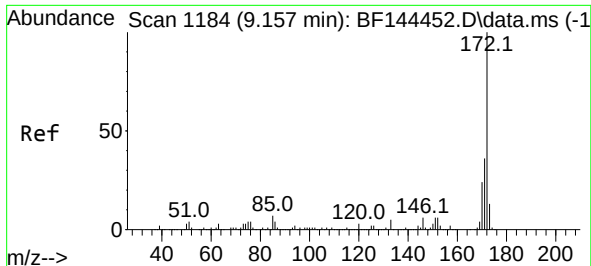
Tgt Ion:196 Resp: 385696
Ion Ratio Lower Upper
196 100
198 101.7 79.0 118.4
200 32.5 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 47.952 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.024 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:196 Resp: 391319
Ion Ratio Lower Upper
196 100
198 99.5 79.5 119.3
97 50.9 42.2 63.2
132 29.6 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 91.946 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

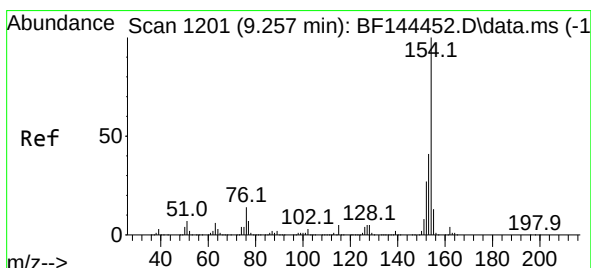
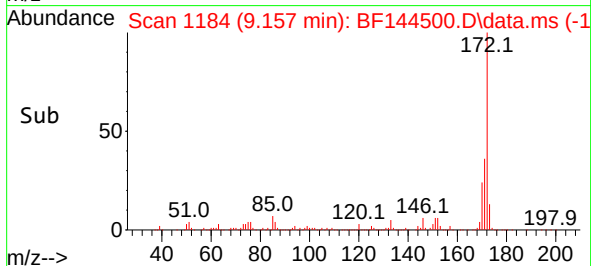
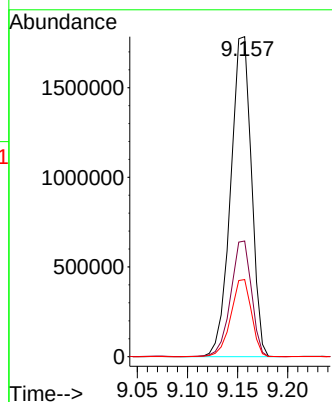
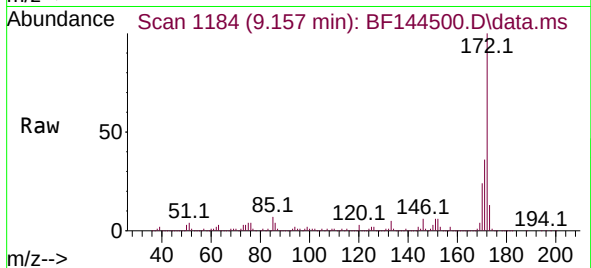
Tgt Ion:172 Resp: 2578490

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.1 19.3 28.9



#46

1,1'-Biphenyl

Concen: 45.460 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

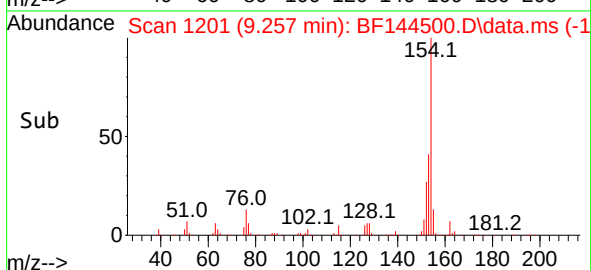
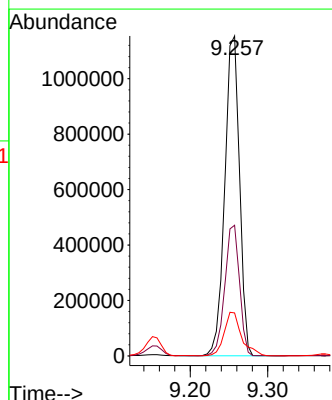
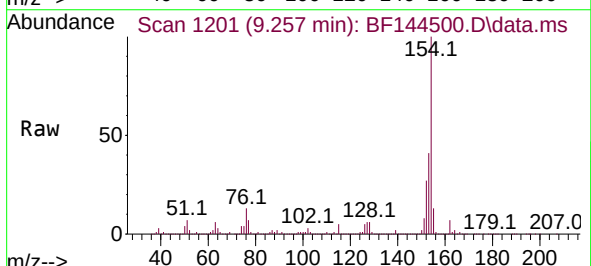
Tgt Ion:154 Resp: 1528378

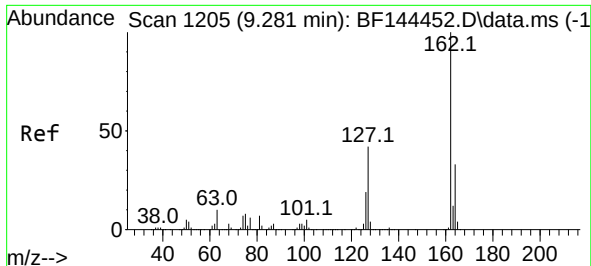
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 13.4 0.0 33.8





#47

2-Chloronaphthalene

Concen: 44.788 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

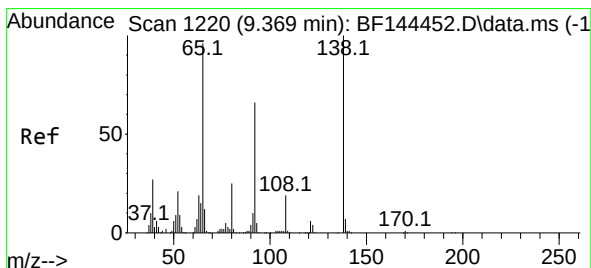
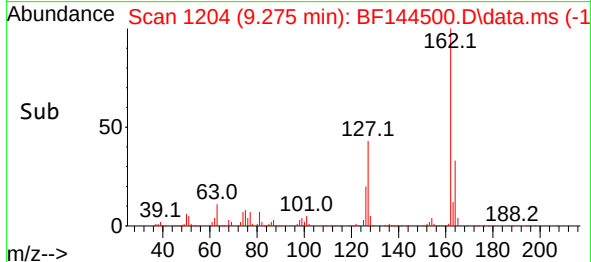
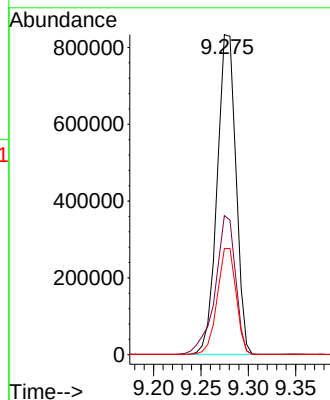
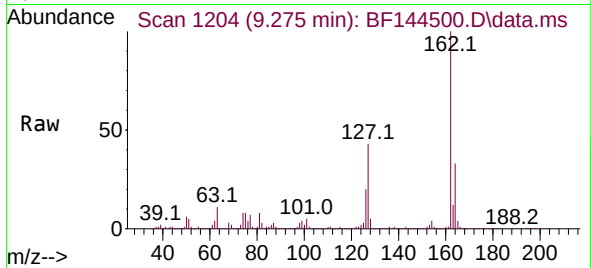
Tgt Ion:162 Resp: 1149505

Ion Ratio Lower Upper

162 100

127 43.4 33.6 50.4

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 48.288 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

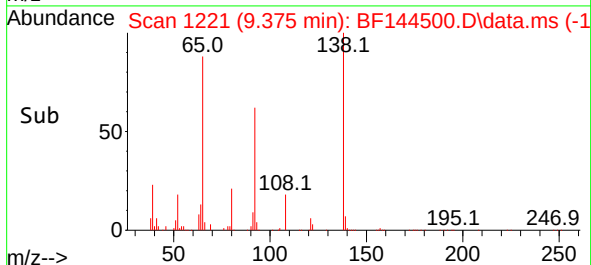
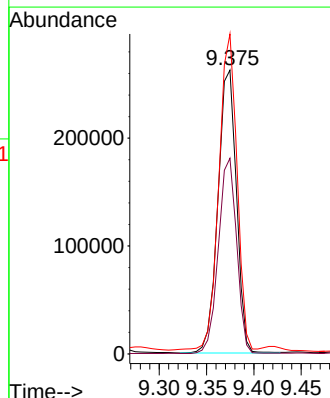
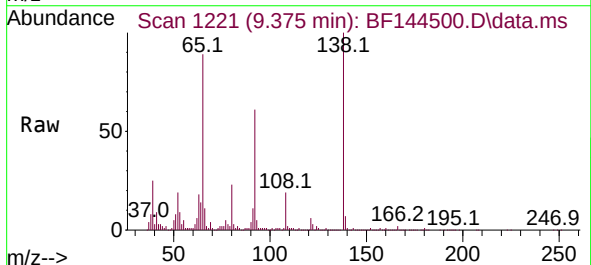
Tgt Ion: 65 Resp: 355653

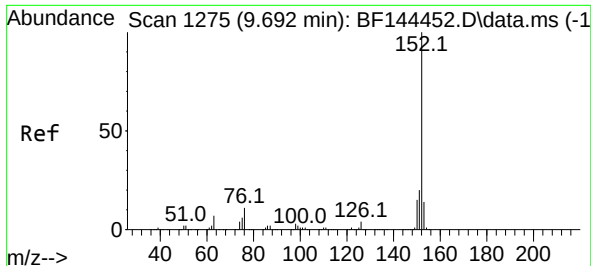
Ion Ratio Lower Upper

65 100

92 68.9 55.0 82.4

138 112.8 83.4 125.2

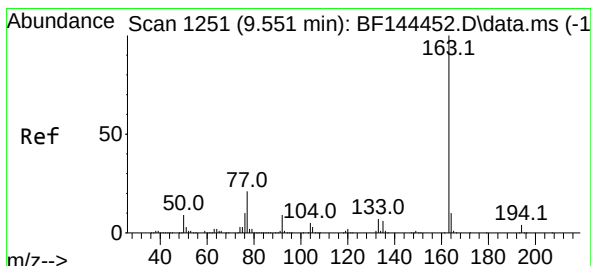
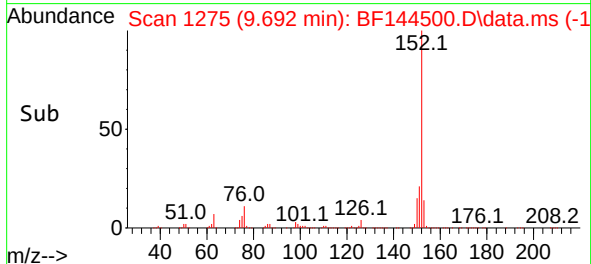
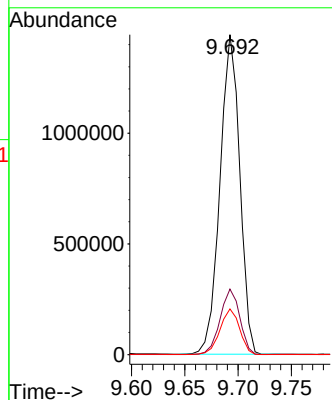
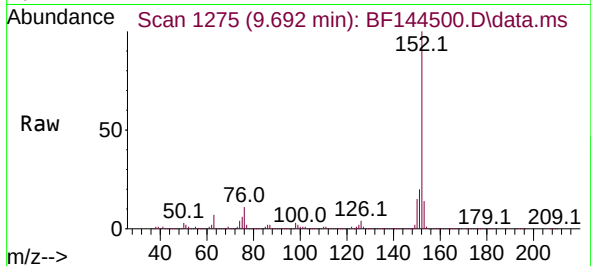




#49
Acenaphthylene
Concen: 45.942 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

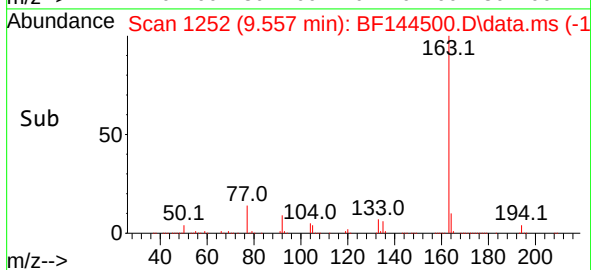
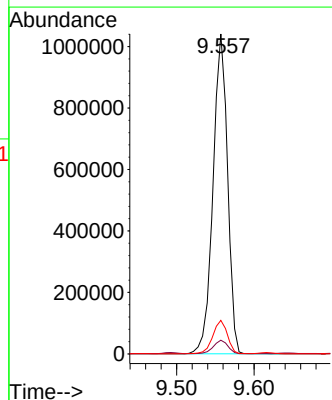
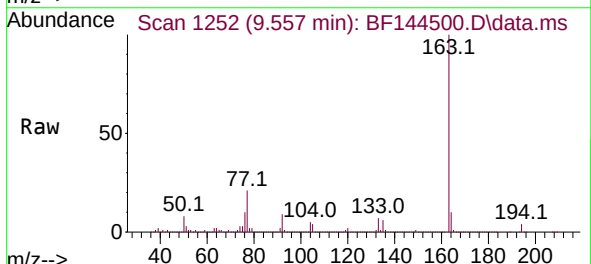
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

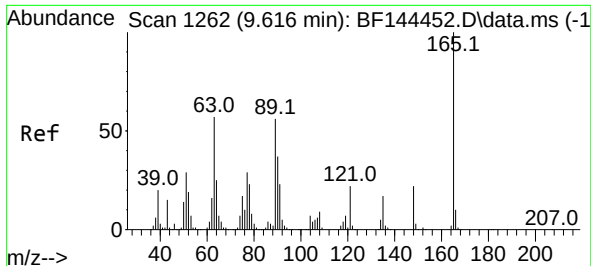
Tgt Ion:152 Resp: 1868174
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.3 11.4 17.0



#50
Dimethylphthalate
Concen: 46.573 ng
RT: 9.557 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:163 Resp: 1353382
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 53.256 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

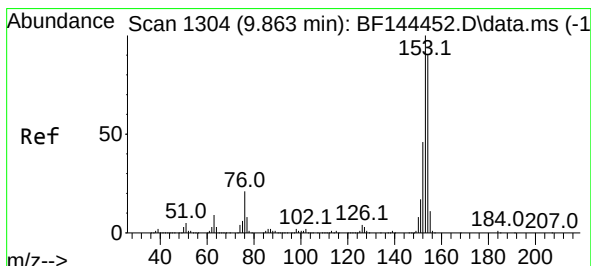
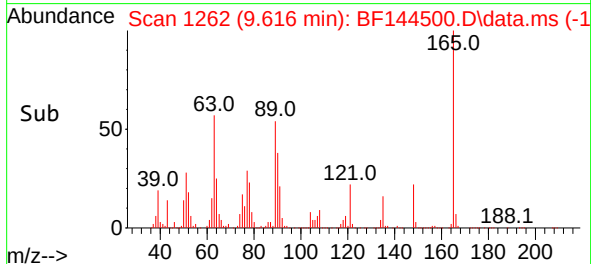
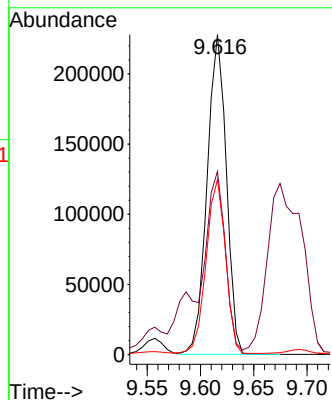
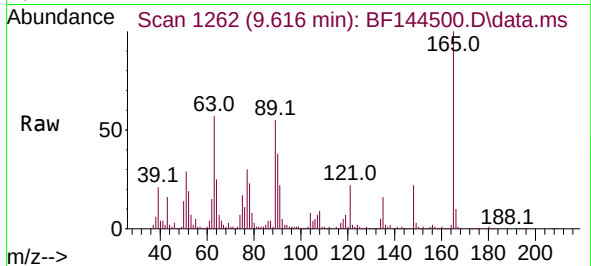
Tgt Ion:165 Resp: 286082

Ion Ratio Lower Upper

165 100

63 57.3 45.9 68.9

89 54.7 44.6 67.0



#52

Acenaphthene

Concen: 42.763 ng

RT: 9.863 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

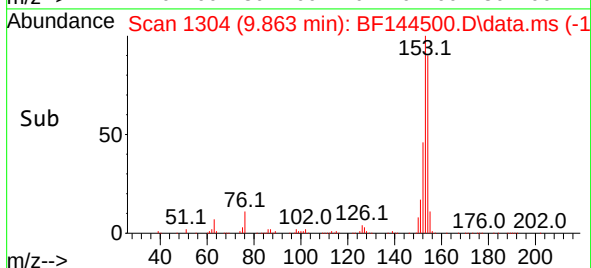
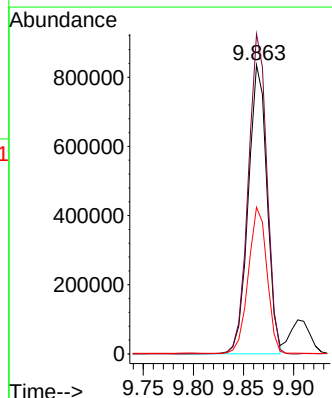
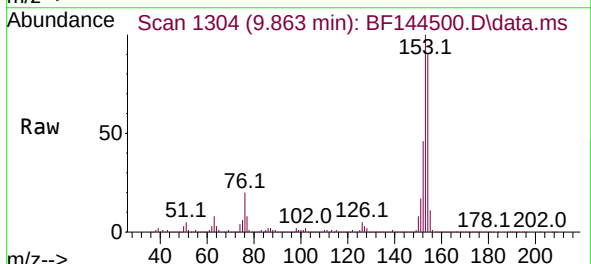
Tgt Ion:154 Resp: 1084195

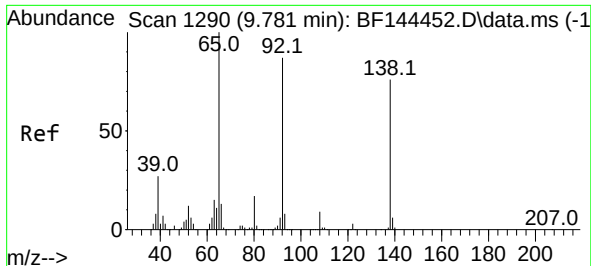
Ion Ratio Lower Upper

154 100

153 110.8 88.6 132.8

152 50.8 40.6 61.0

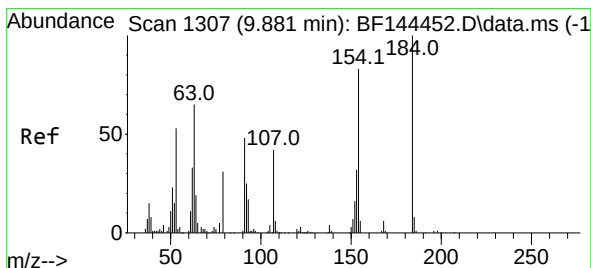
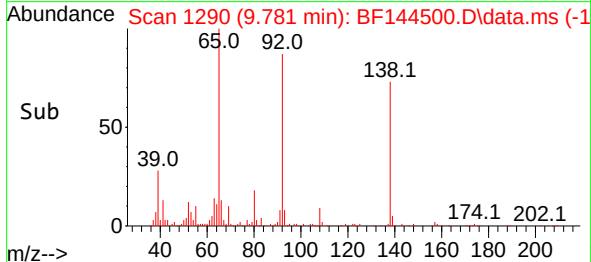
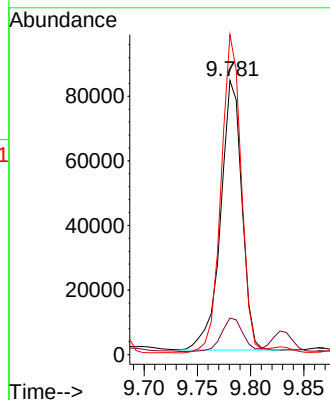
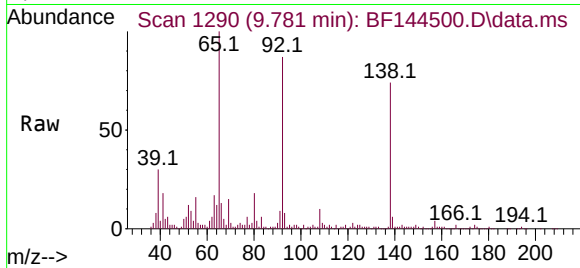




#53
3-Nitroaniline
Concen: 19.702 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

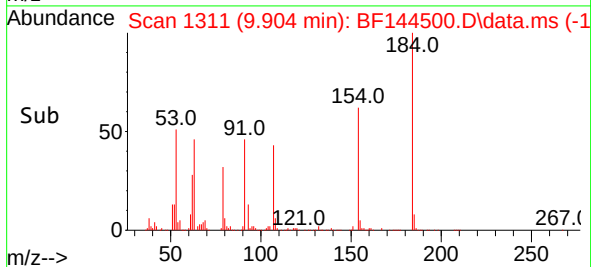
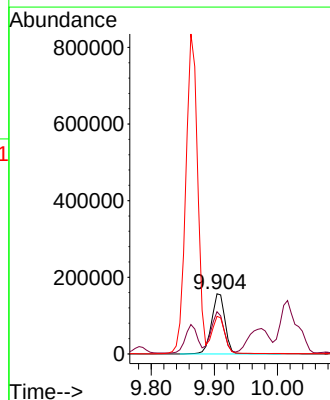
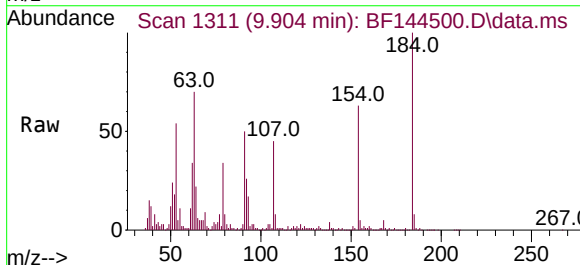
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

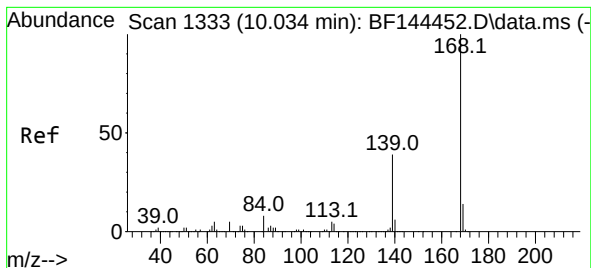
Tgt Ion:138 Resp: 116030
Ion Ratio Lower Upper
138 100
108 13.3 9.7 14.5
92 116.8 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 90.291 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.023 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:184 Resp: 231561
Ion Ratio Lower Upper
184 100
63 70.1 60.6 91.0
154 62.5 137.8 206.8#

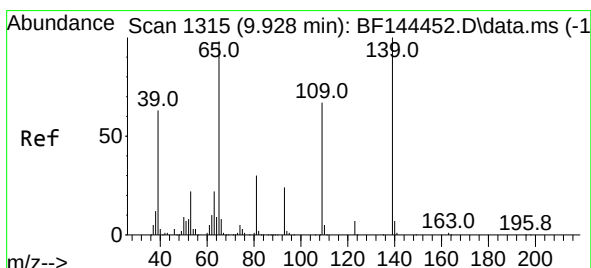
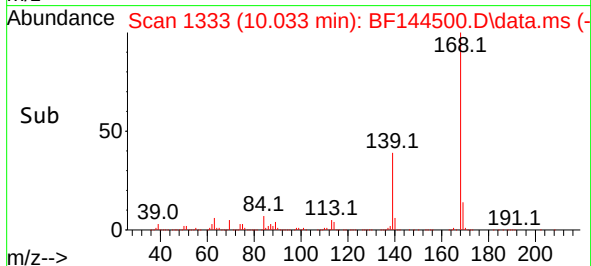
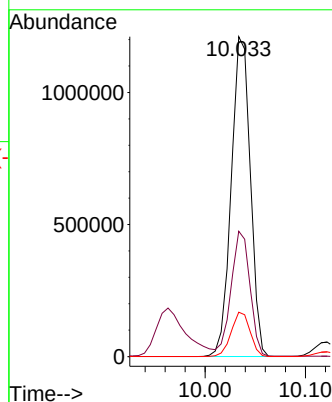
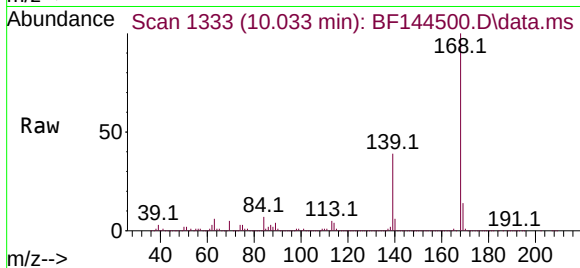




#55
Dibenzofuran
Concen: 44.399 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

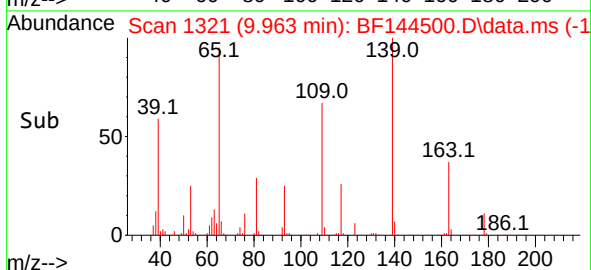
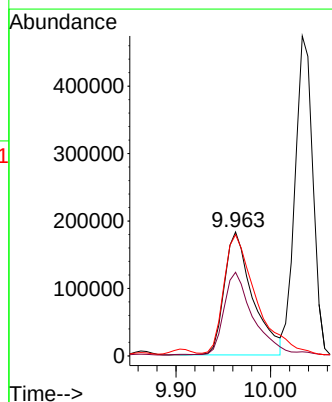
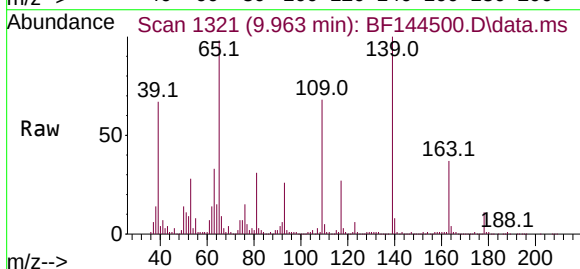
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

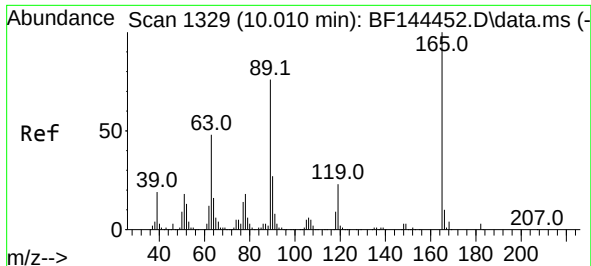
Tgt Ion:168 Resp: 1601677
Ion Ratio Lower Upper
168 100
139 39.2 31.0 46.6
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 76.532 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.035 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:139 Resp: 378736
Ion Ratio Lower Upper
139 100
109 67.5 47.4 87.4
65 97.8 78.4 118.4

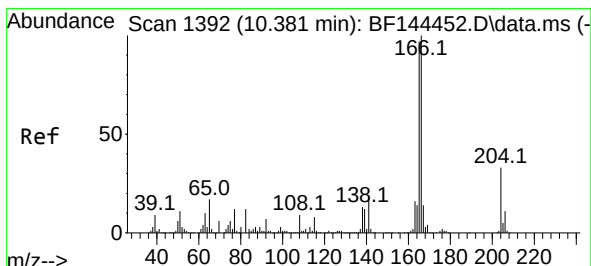
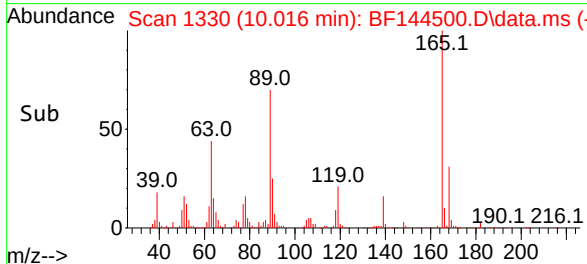
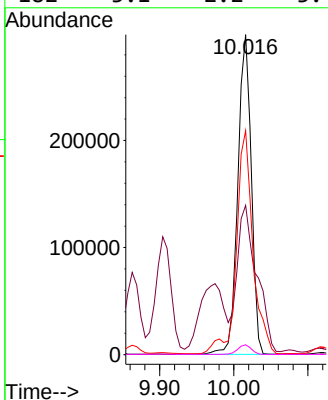
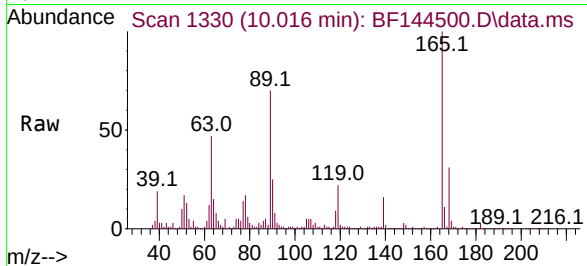




#57
2,4-Dinitrotoluene
Concen: 51.326 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

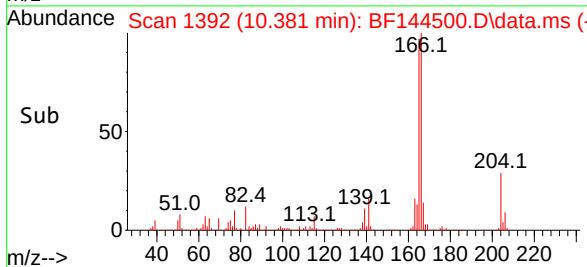
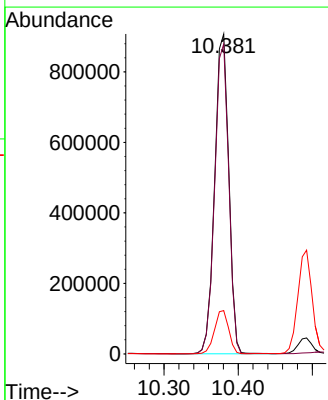
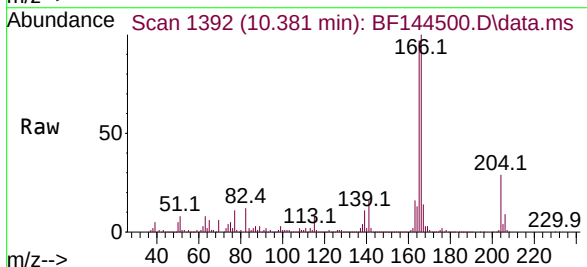
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

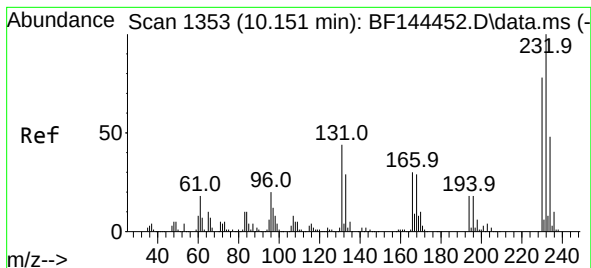
Tgt Ion:165 Resp: 375472
Ion Ratio Lower Upper
165 100
63 46.6 38.2 57.4
89 70.0 61.2 91.8
182 3.1 2.2 3.4



#58
Fluorene
Concen: 43.857 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:166 Resp: 1198017
Ion Ratio Lower Upper
166 100
165 96.8 77.6 116.4
167 13.5 10.8 16.2

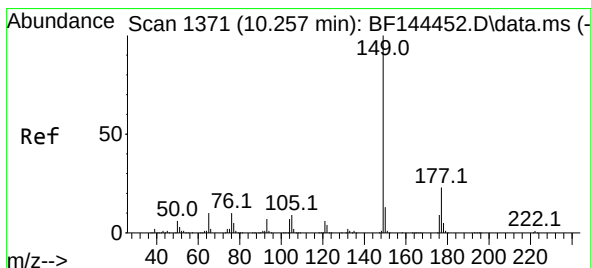
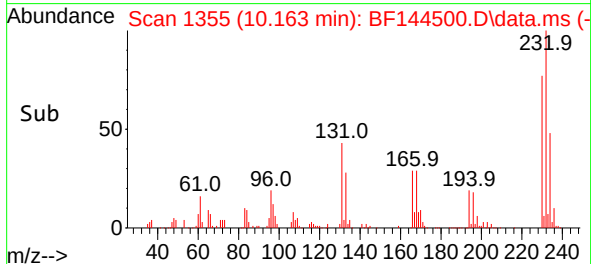
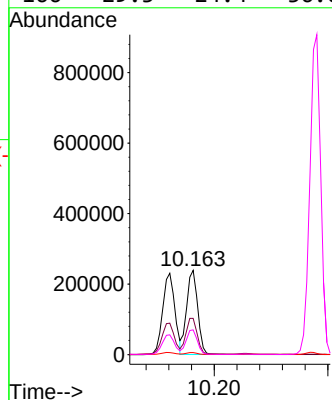
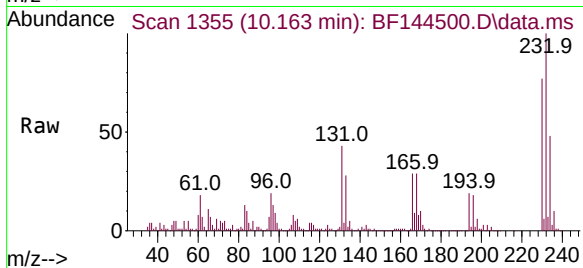




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.563 ng
RT: 10.163 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

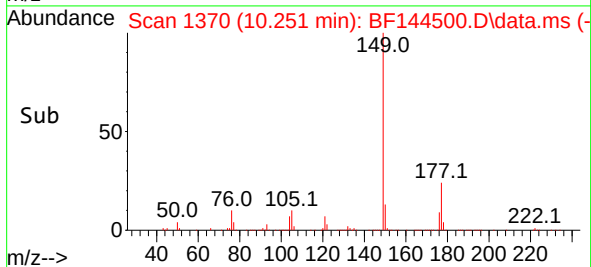
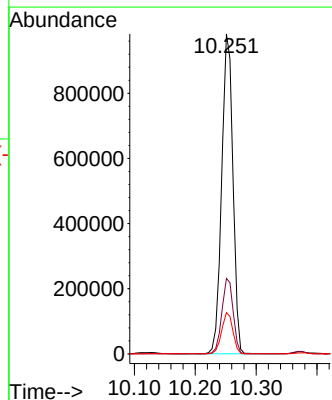
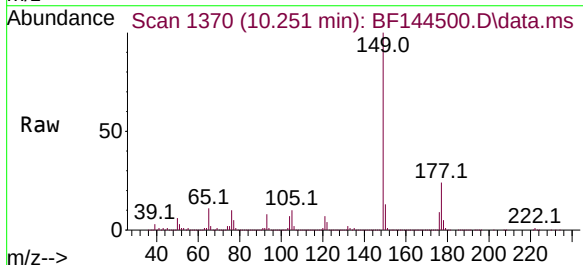
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

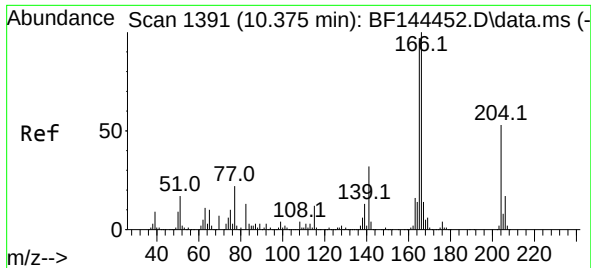
Tgt Ion:232 Resp: 325607
Ion Ratio Lower Upper
232 100
131 43.3 36.3 54.5
130 2.2 1.8 2.6
166 29.3 24.4 36.6



#60
Diethylphthalate
Concen: 45.734 ng
RT: 10.251 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:149 Resp: 1259559
Ion Ratio Lower Upper
149 100
177 23.6 18.7 28.1
150 12.9 10.1 15.1

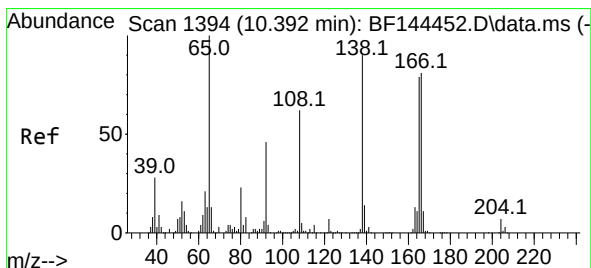
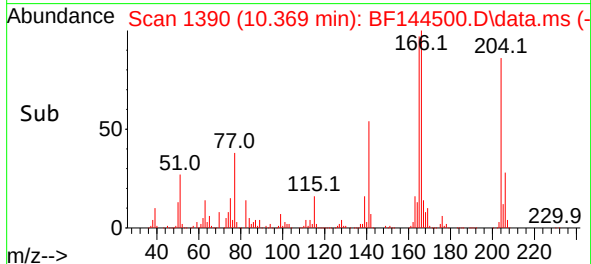
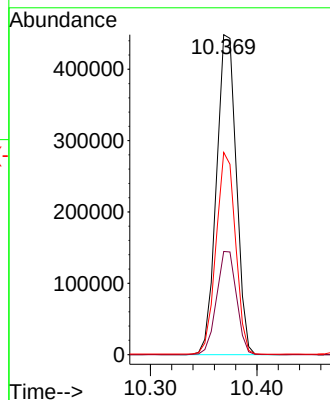
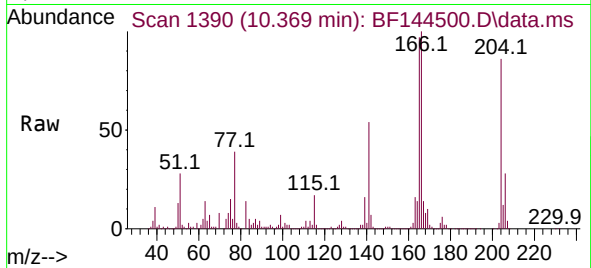




#61
4-Chlorophenyl-phenylether
Concen: 43.381 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

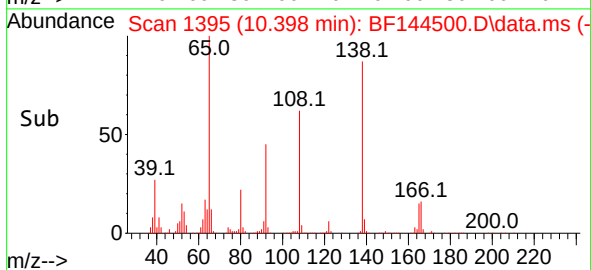
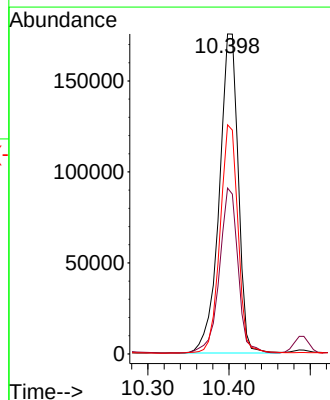
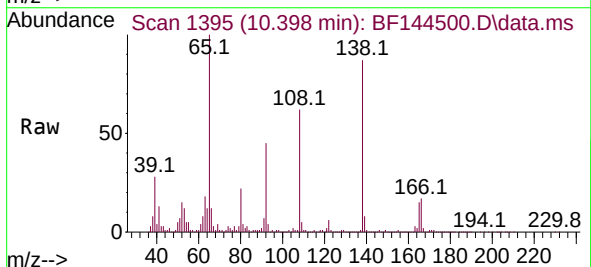
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

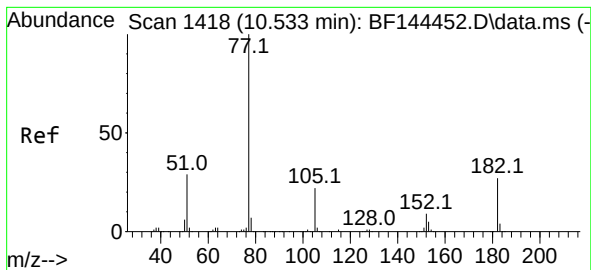
Tgt Ion:204 Resp: 581417
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 63.2 48.4 72.6



#62
4-Nitroaniline
Concen: 44.392 ng
RT: 10.398 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:138 Resp: 283915
Ion Ratio Lower Upper
138 100
92 51.8 30.8 70.8
108 71.6 49.2 89.2



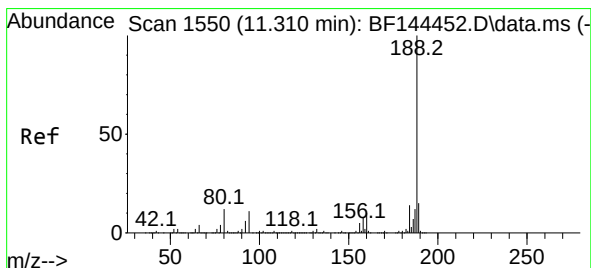
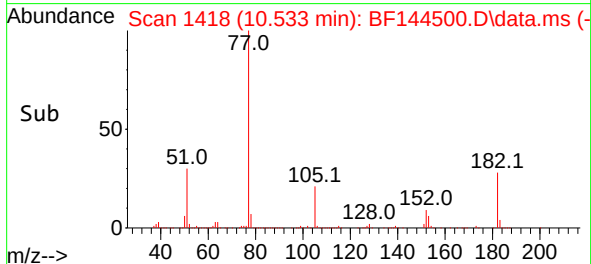
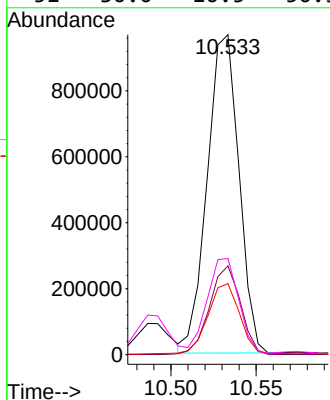
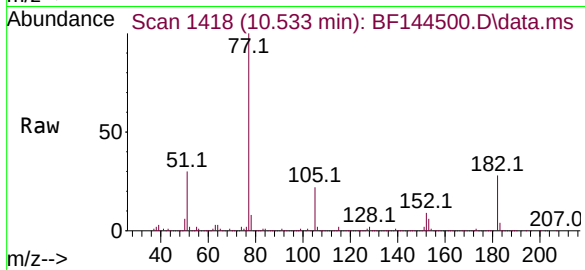


#63
 Azobenzene
 Concen: 42.939 ng
 RT: 10.533 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"MSD

Tgt Ion: 77 Resp: 1249842

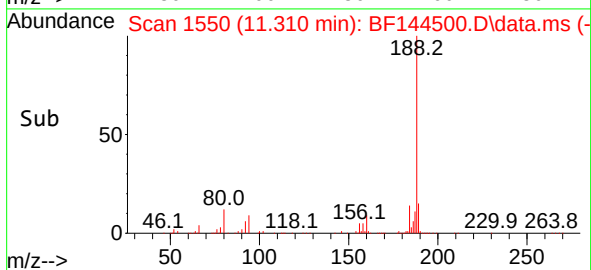
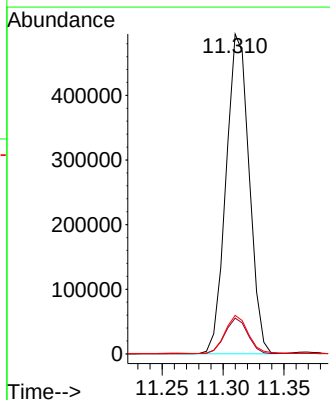
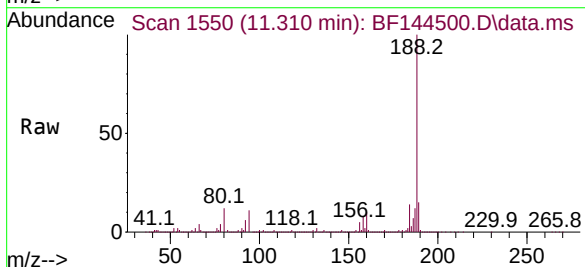
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.1	46.1
105	22.2	1.5	41.5
51	30.0	10.5	50.5

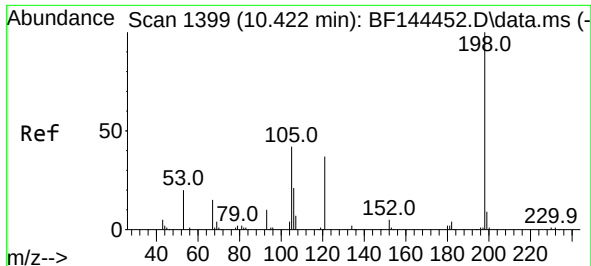


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.310 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

Tgt Ion: 188 Resp: 653401

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	12.0	9.8	14.8

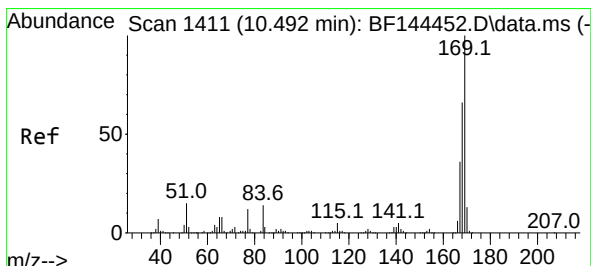
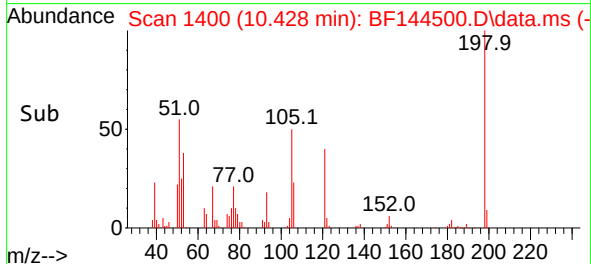
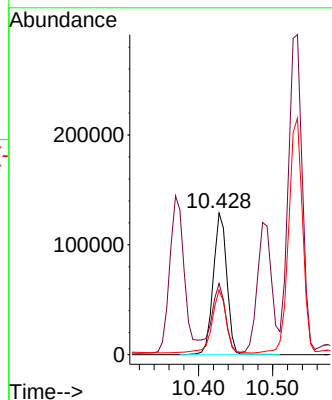
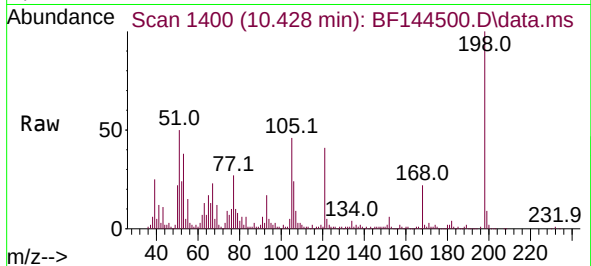




#65
4,6-Dinitro-2-methylphenol
Concen: 53.971 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

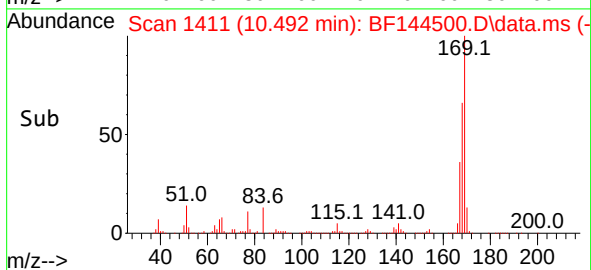
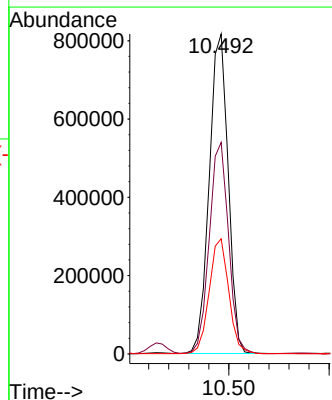
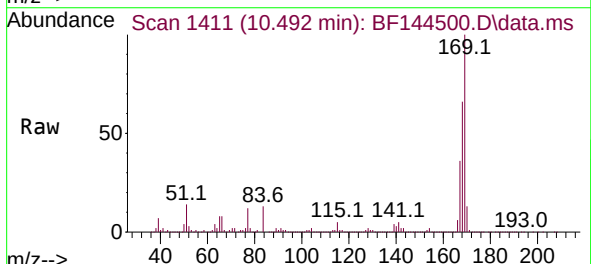
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

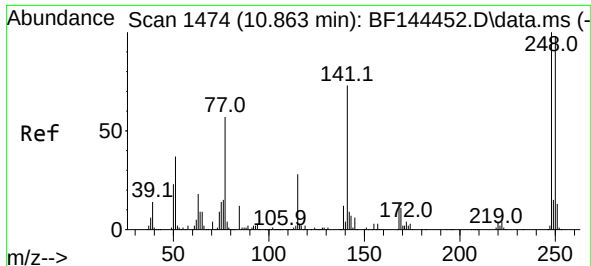
Tgt Ion:198 Resp: 163562
Ion Ratio Lower Upper
198 100
51 50.2 25.5 65.5
105 45.6 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 47.625 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:169 Resp: 1066412
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 36.0 28.8 43.2

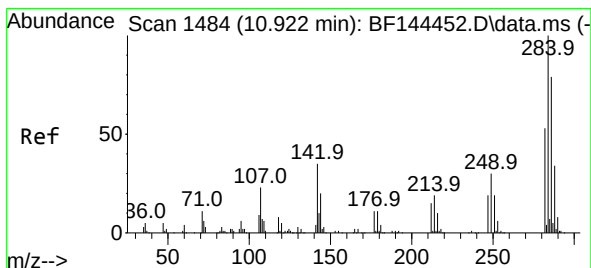
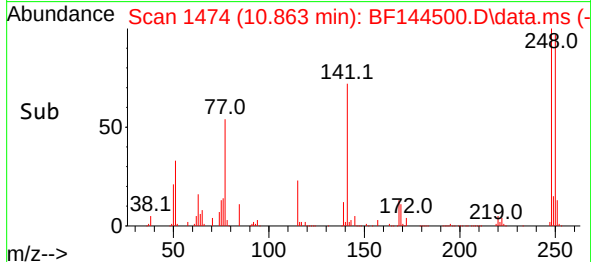
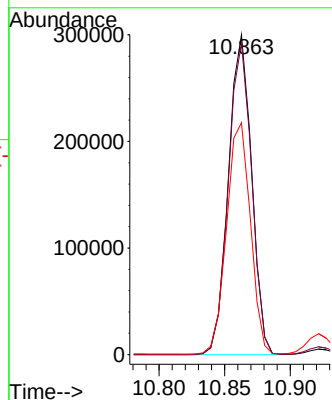
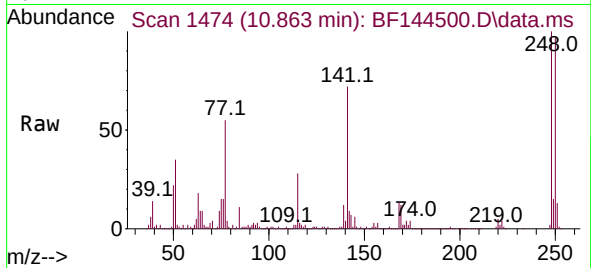




#67
4-Bromophenyl-phenylether
Concen: 48.357 ng
RT: 10.863 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

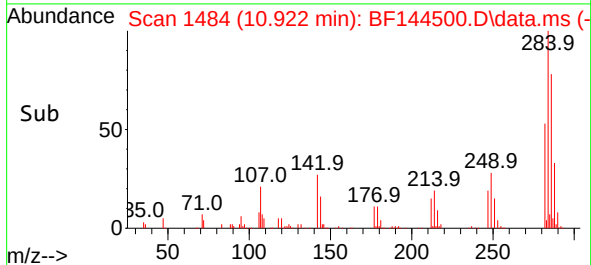
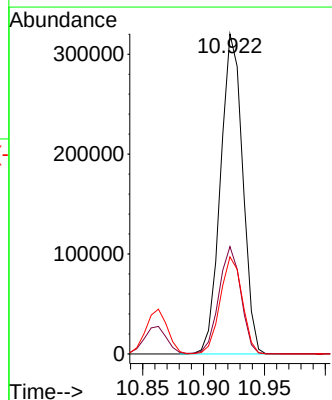
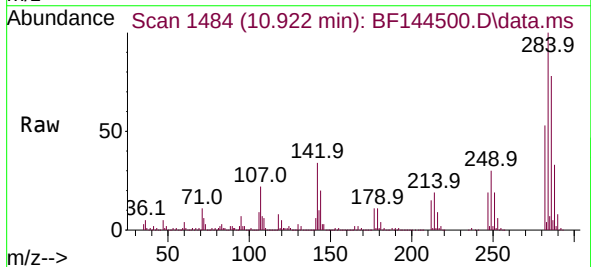
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

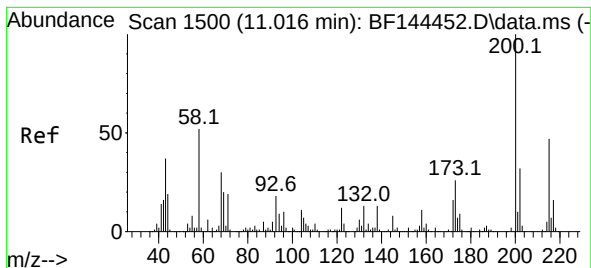
Tgt Ion:248 Resp: 368867
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 72.5 58.5 87.7



#68
Hexachlorobenzene
Concen: 48.114 ng
RT: 10.922 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:284 Resp: 405142
Ion Ratio Lower Upper
284 100
142 33.5 28.2 42.2
249 30.3 24.7 37.1





#69

Atrazine

Concen: 45.733 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

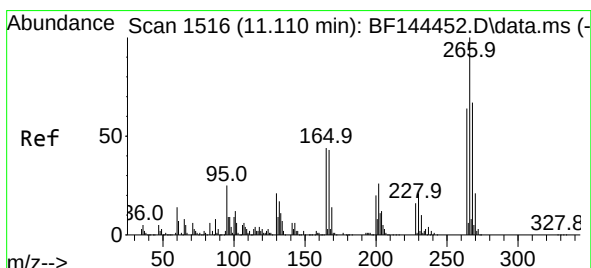
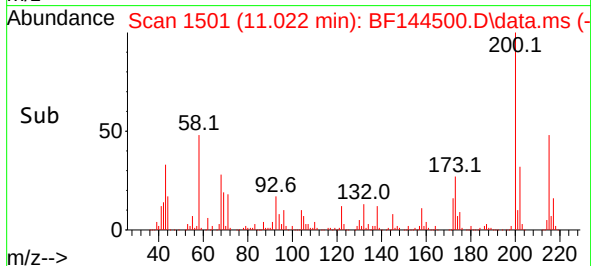
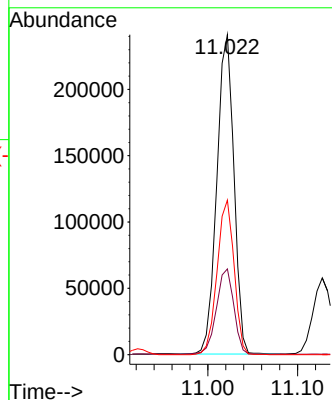
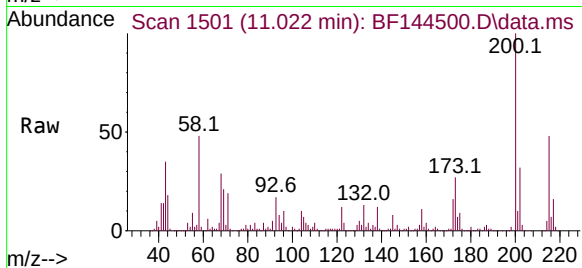
Tgt Ion:200 Resp: 320760

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

215 48.3 27.2 67.2



#70

Pentachlorophenol

Concen: 89.535 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.018 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

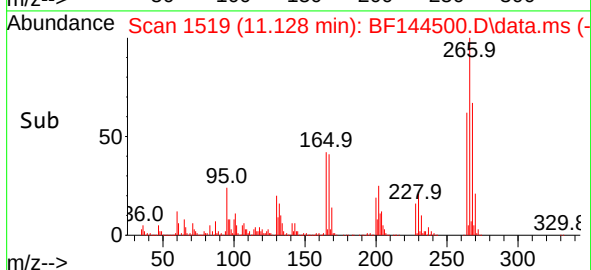
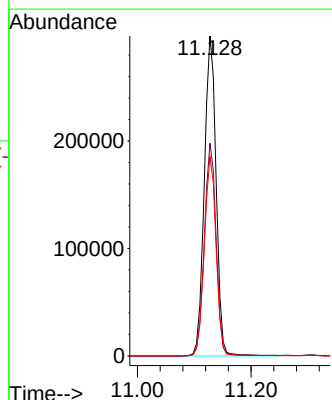
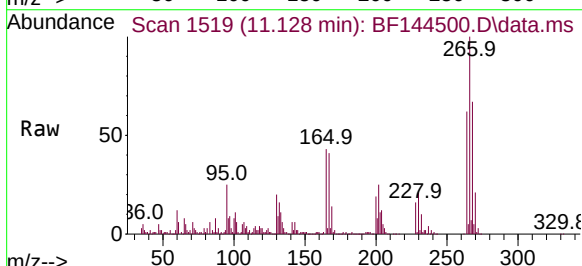
Tgt Ion:266 Resp: 430035

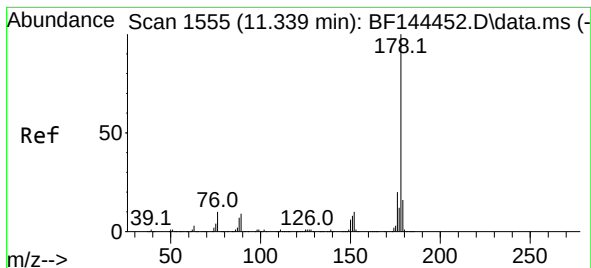
Ion Ratio Lower Upper

266 100

268 66.5 53.8 80.8

264 62.2 51.2 76.8





#71

Phenanthrene

Concen: 43.672 ng

RT: 11.339 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

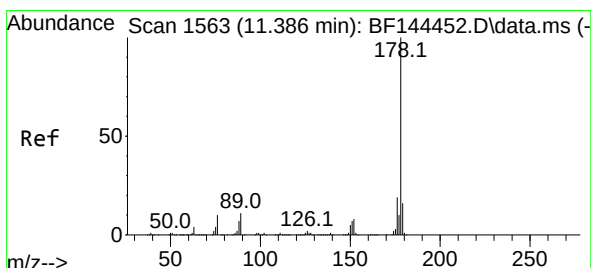
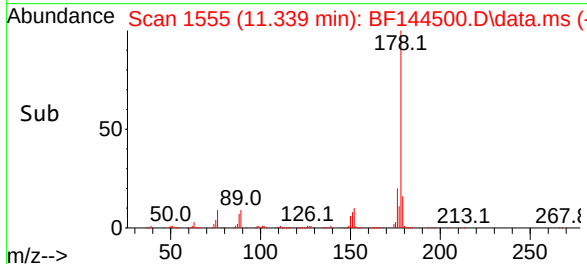
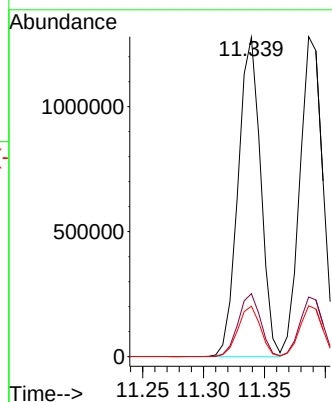
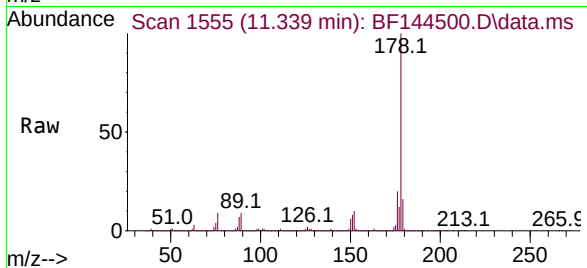
Tgt Ion:178 Resp: 1645062

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.8 12.5 18.7



#72

Anthracene

Concen: 43.595 ng

RT: 11.386 min Scan# 1563

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

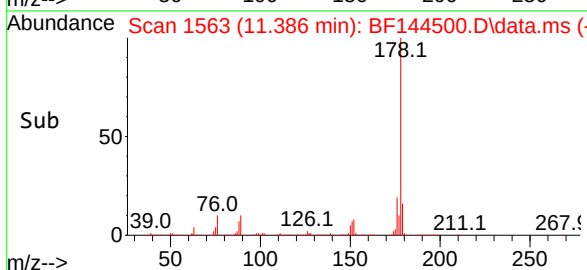
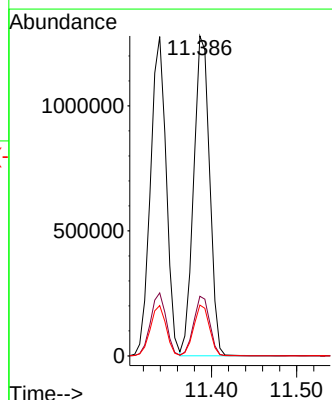
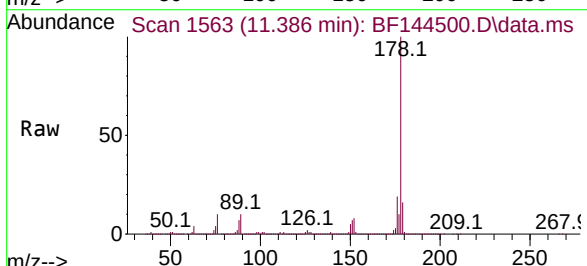
Tgt Ion:178 Resp: 1662066

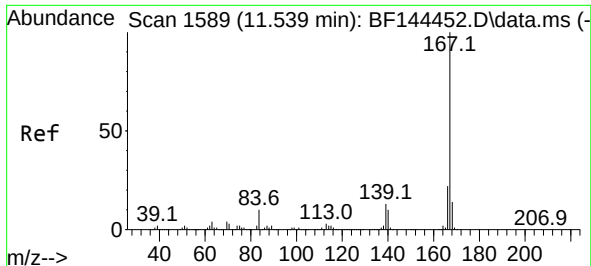
Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

179 15.9 12.7 19.1

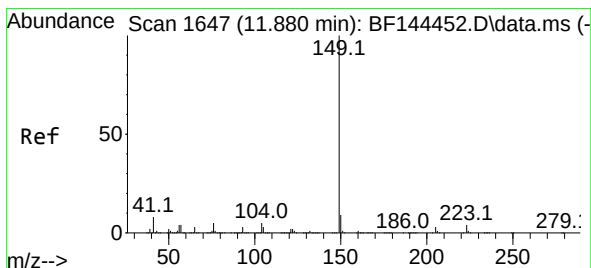
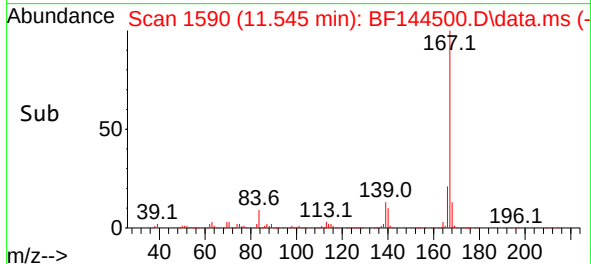
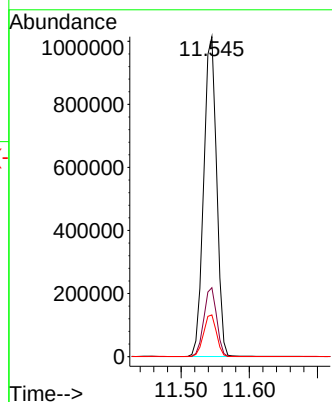
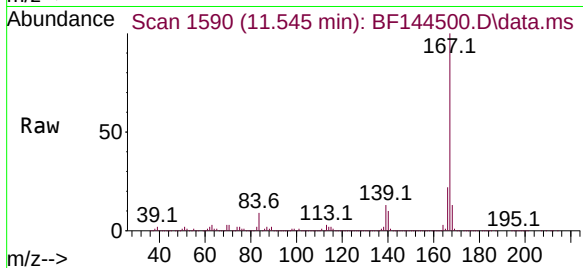




#73
Carbazole
Concen: 40.450 ng
RT: 11.545 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

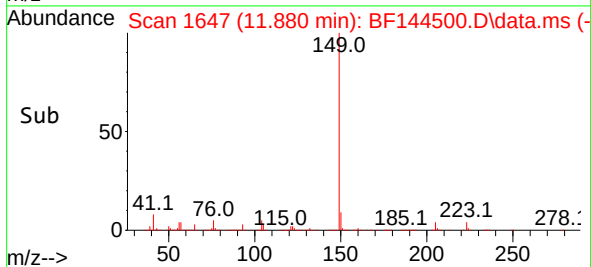
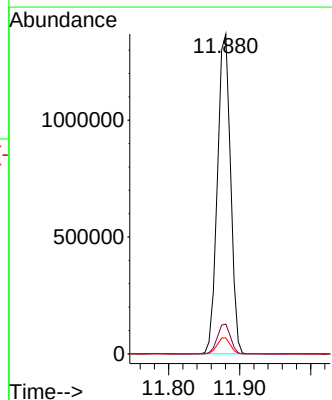
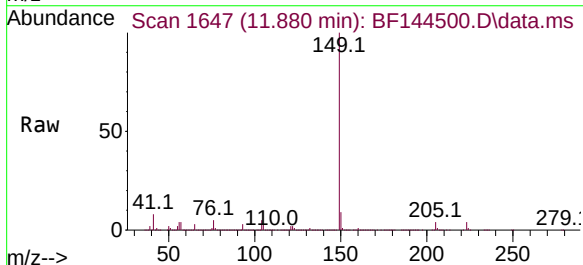
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

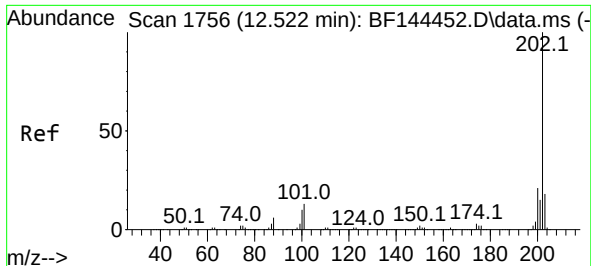
Tgt Ion:167 Resp: 1338804
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 13.0 10.7 16.1



#74
Di-n-butylphthalate
Concen: 49.712 ng
RT: 11.880 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:149 Resp: 1758848
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 3.9 5.9

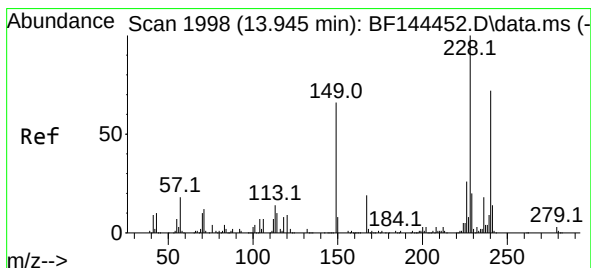
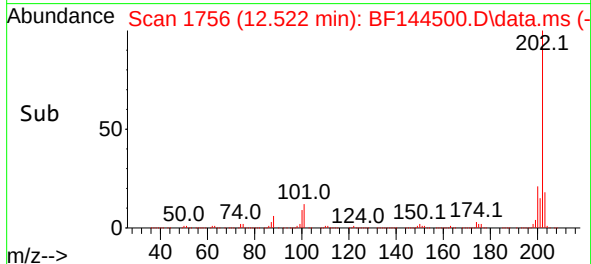
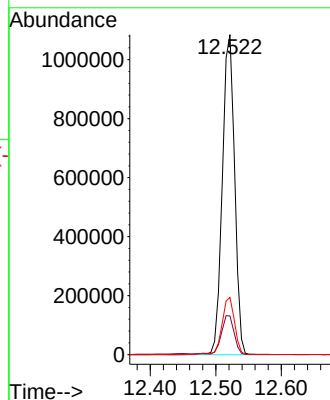
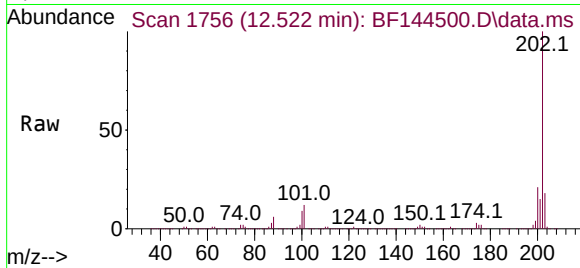




#75
Fluoranthene
Concen: 38.127 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

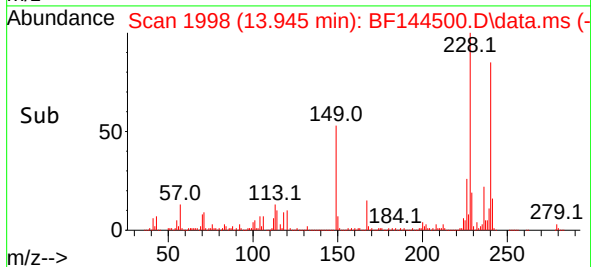
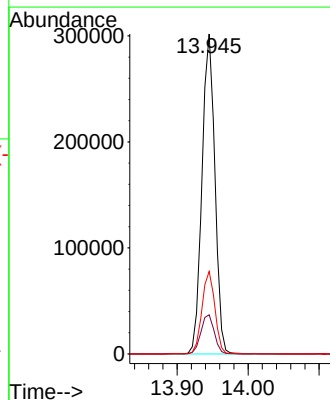
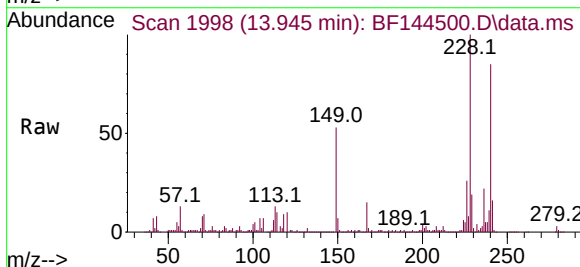
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

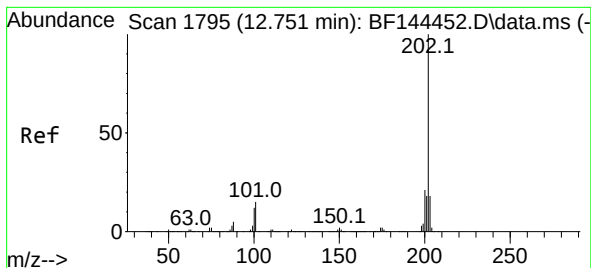
Tgt Ion:202 Resp: 1418223
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.9
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:240 Resp: 378920
Ion Ratio Lower Upper
240 100
120 12.2 10.3 15.5
236 25.8 20.2 30.4





#78

Pyrene

Concen: 39.921 ng

RT: 12.745 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

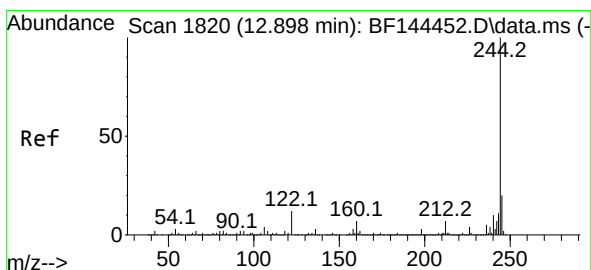
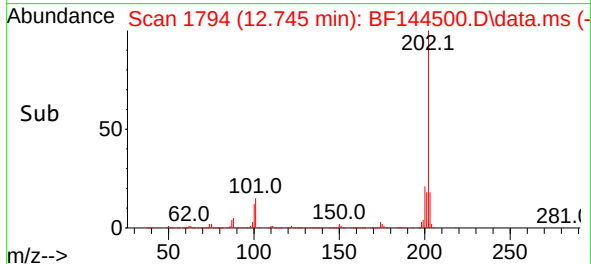
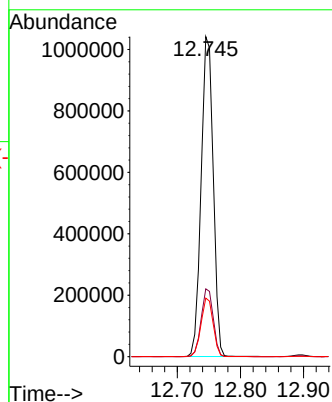
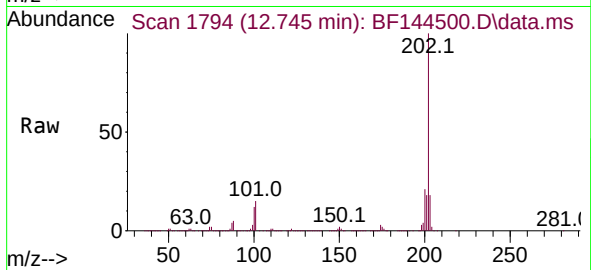
Tgt Ion:202 Resp: 1385889

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 18.3 14.2 21.4



#79

Terphenyl-d14

Concen: 85.347 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

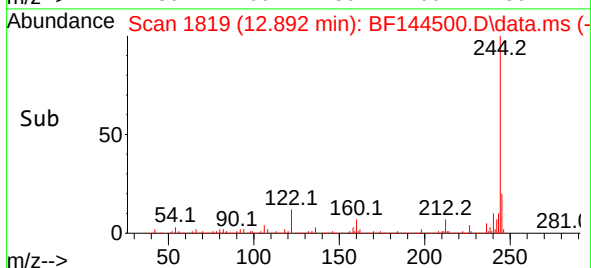
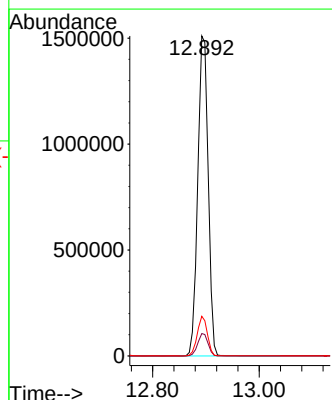
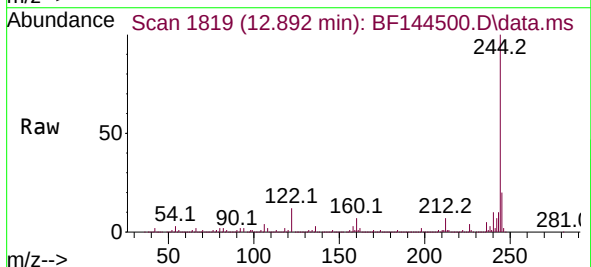
Tgt Ion:244 Resp: 2048395

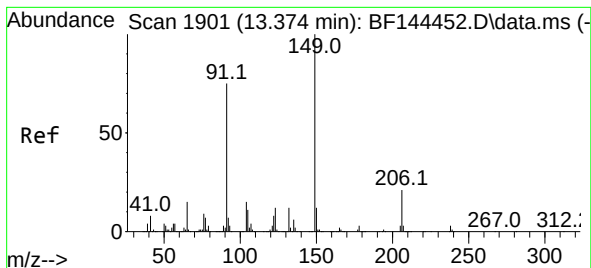
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.4 9.9 14.9





#80

Butylbenzylphthalate

Concen: 47.442 ng

RT: 13.374 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

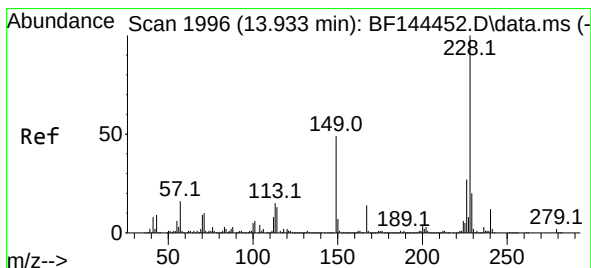
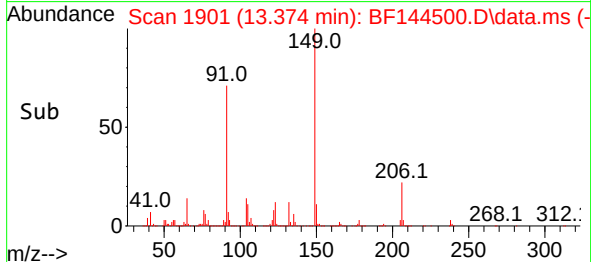
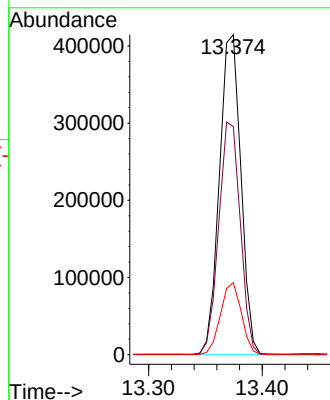
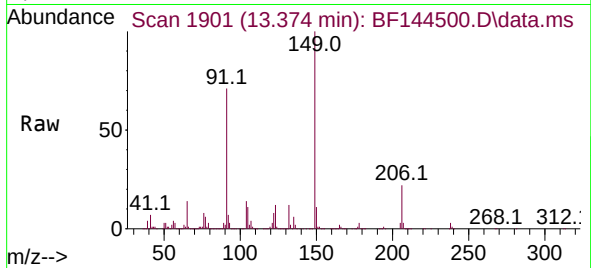
Tgt Ion:149 Resp: 544507

Ion Ratio Lower Upper

149 100

91 71.3 59.8 89.8

206 22.5 17.0 25.6



#81

Benzo(a)anthracene

Concen: 43.577 ng

RT: 13.933 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

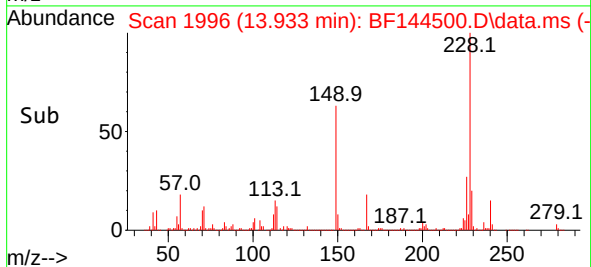
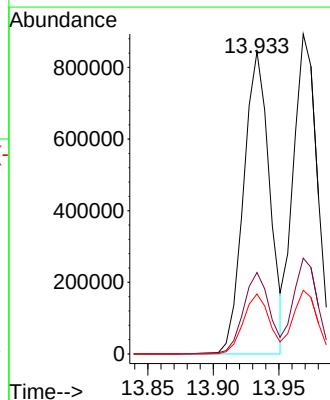
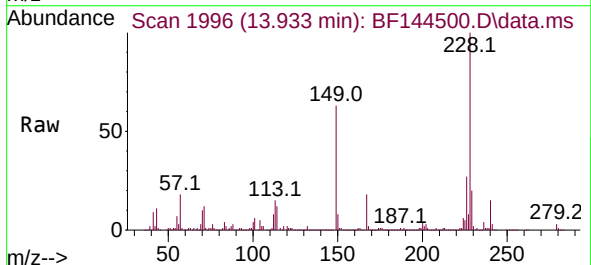
Tgt Ion:228 Resp: 1162819

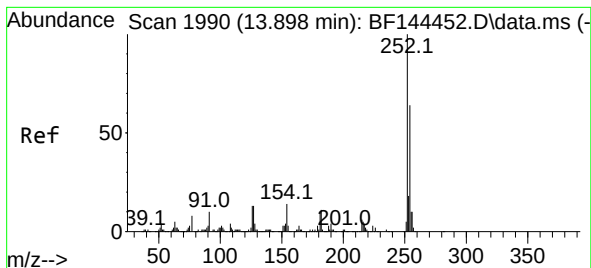
Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

229 19.9 16.1 24.1





#82

3,3'-Dichlorobenzidine

Concen: 33.267 ng

RT: 13.898 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

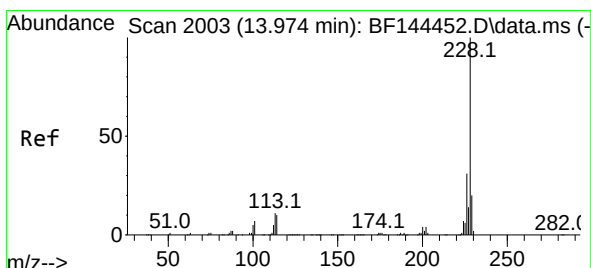
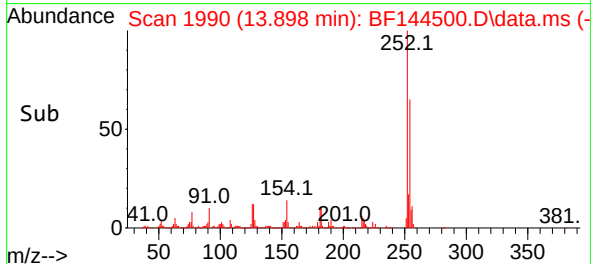
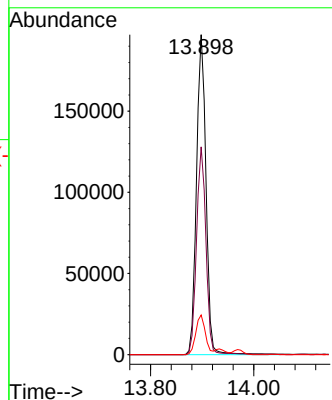
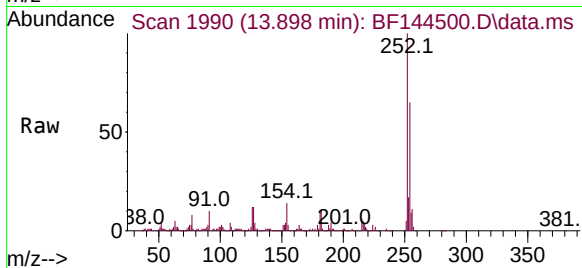
Tgt Ion:252 Resp: 251544

Ion Ratio Lower Upper

252 100

254 64.9 51.1 76.7

126 12.4 10.4 15.6



#83

Chrysene

Concen: 46.192 ng

RT: 13.969 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

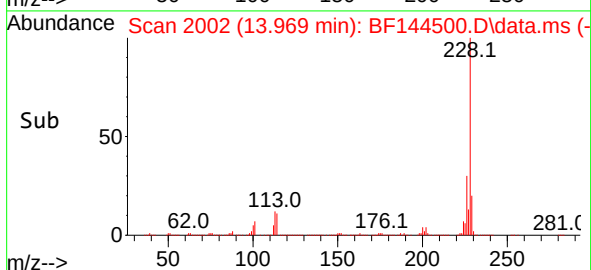
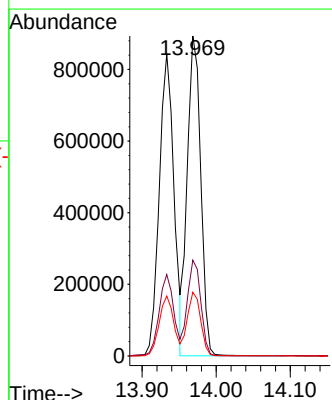
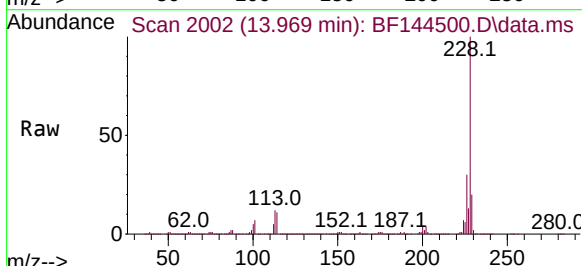
Tgt Ion:228 Resp: 1128047

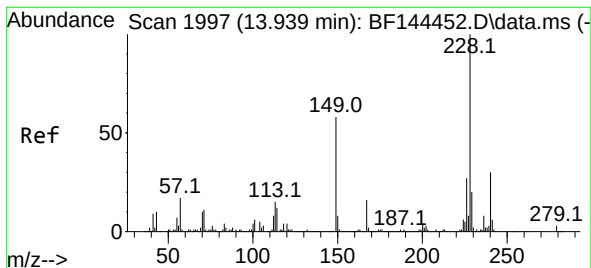
Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.9 15.8 23.8

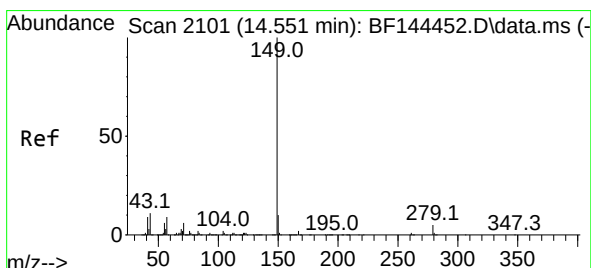
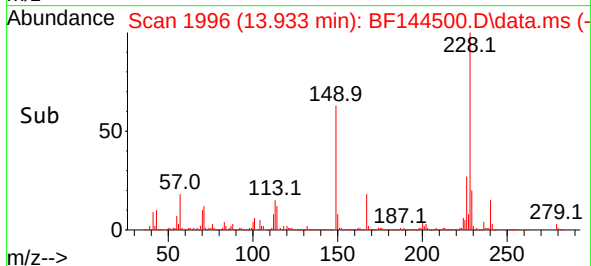
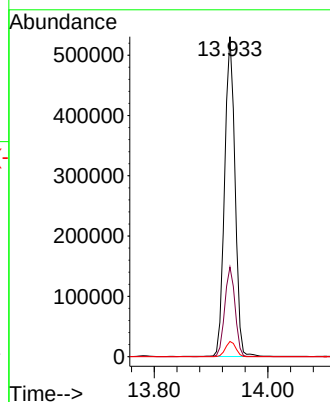
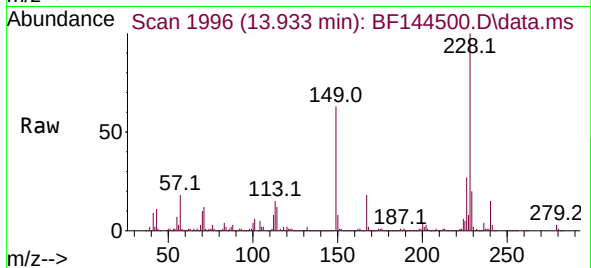




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.946 ng
 RT: 13.933 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

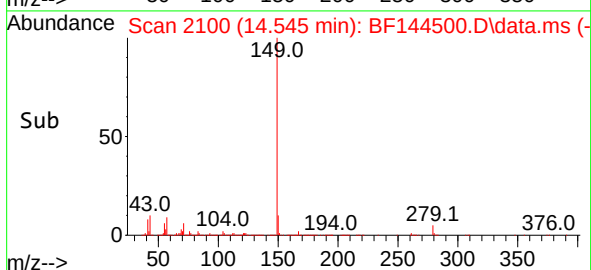
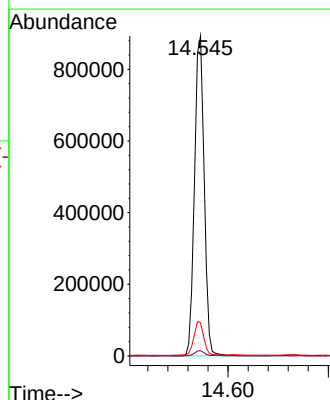
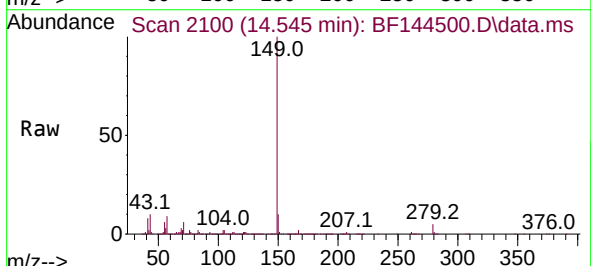
Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"MSD

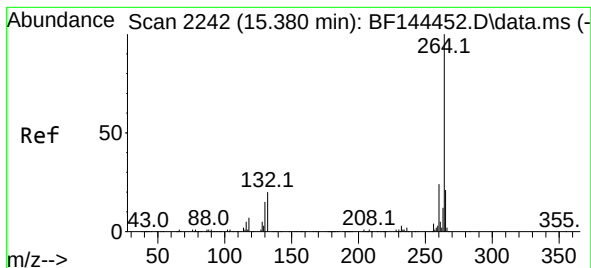
Tgt Ion:149 Resp: 669297
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 34.0
 279 4.7 3.7 5.5



#85
 Di-n-octyl phthalate
 Concen: 56.671 ng
 RT: 14.545 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

Tgt Ion:149 Resp: 1194463
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.9 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

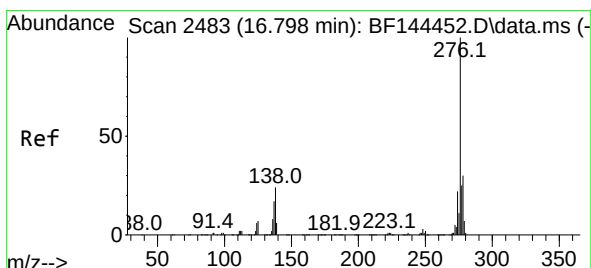
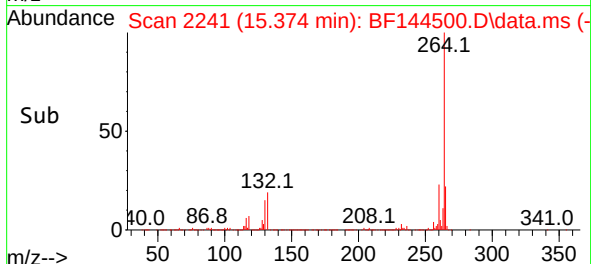
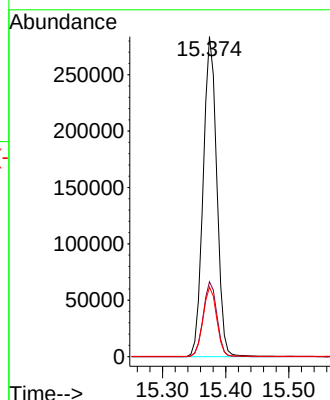
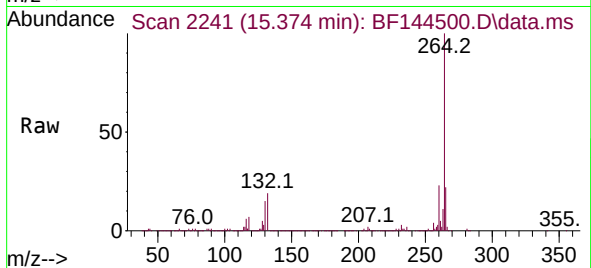
Tgt Ion:264 Resp: 424596

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.7 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 35.883 ng

RT: 16.792 min Scan# 2482

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

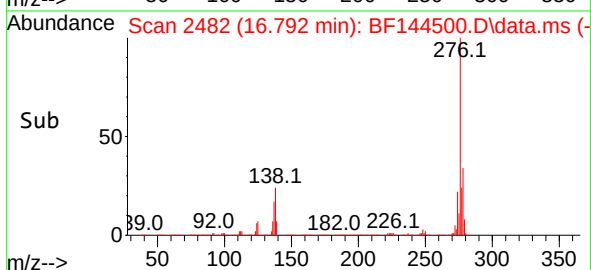
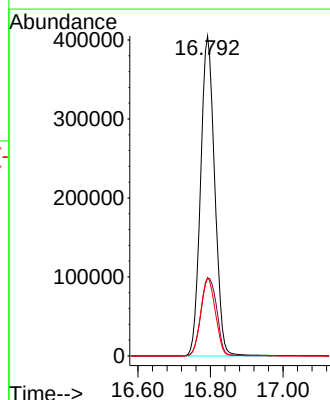
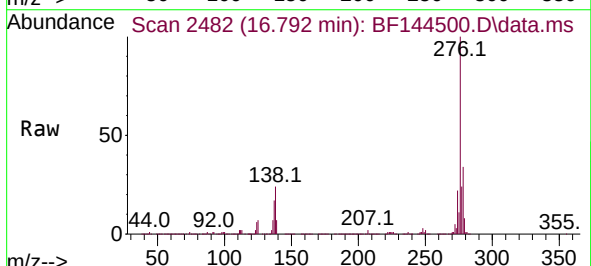
Tgt Ion:276 Resp: 1093586

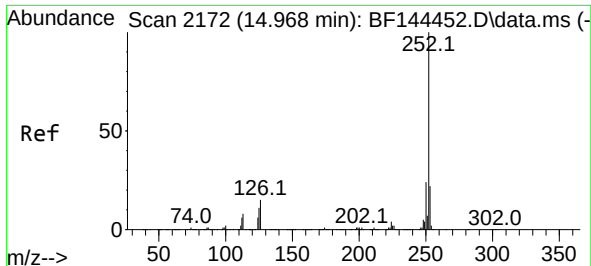
Ion Ratio Lower Upper

276 100

138 27.4 21.9 32.9

277 25.2 20.2 30.2

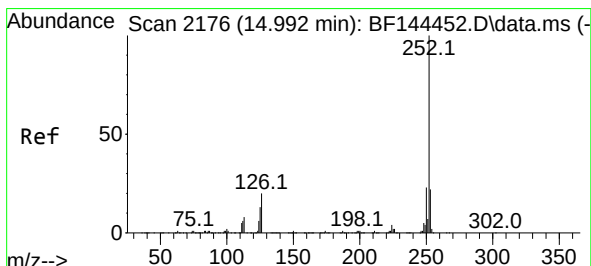
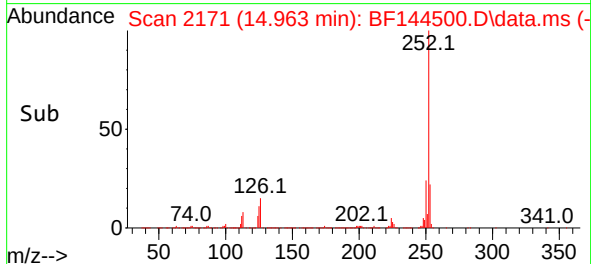
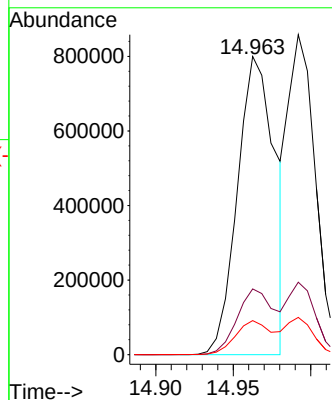
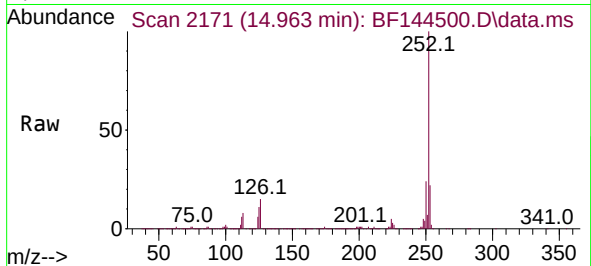




#88
Benzo(b)fluoranthene
Concen: 48.427 ng
RT: 14.963 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

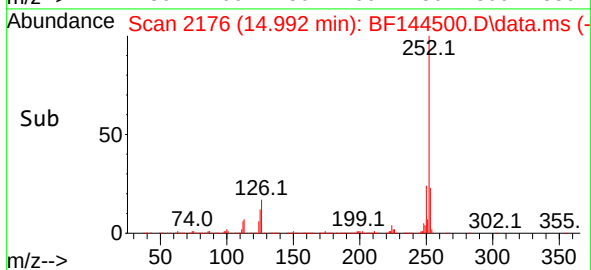
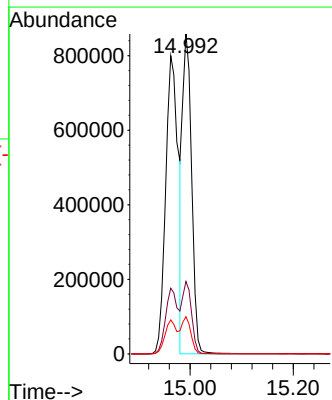
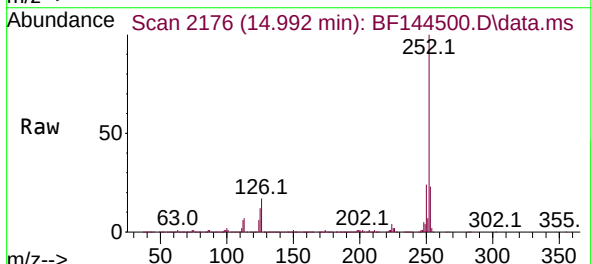
Instrument :
BNA_F
ClientSampleId :
AI COVE 11 12"MSD

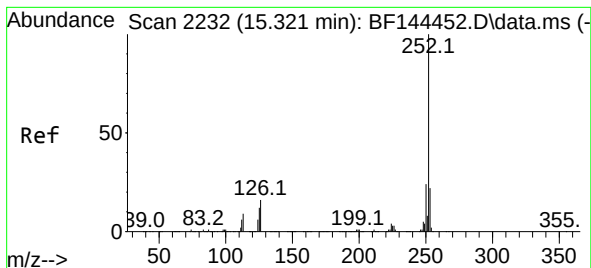
Tgt Ion:252 Resp: 1349874
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.4 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 40.035 ng
RT: 14.992 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BF144500.D
Acq: 16 Dec 2025 17:46

Tgt Ion:252 Resp: 1055190
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.6 9.7 14.5





#90

Benzo(a)pyrene

Concen: 46.442 ng

RT: 15.316 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

Instrument :

BNA_F

ClientSampleId :

AI COVE 11 12"MSD

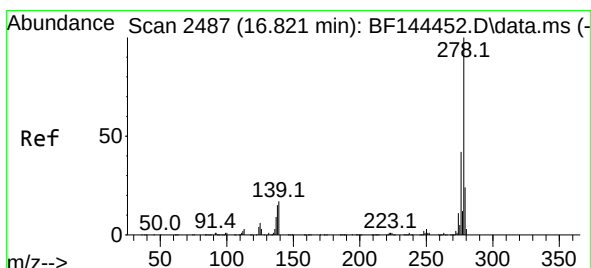
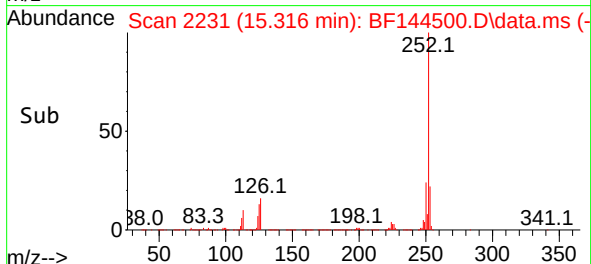
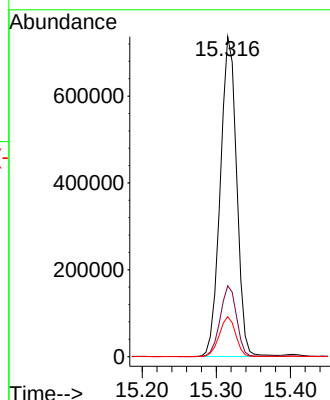
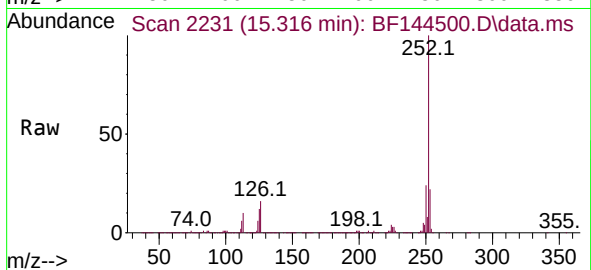
Tgt Ion:252 Resp: 1131537

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 12.5 9.9 14.9



#91

Dibenzo(a,h)anthracene

Concen: 37.581 ng

RT: 16.815 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BF144500.D

Acq: 16 Dec 2025 17:46

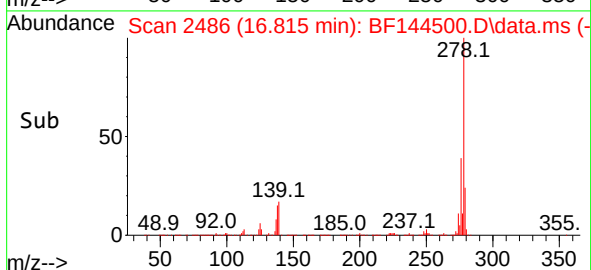
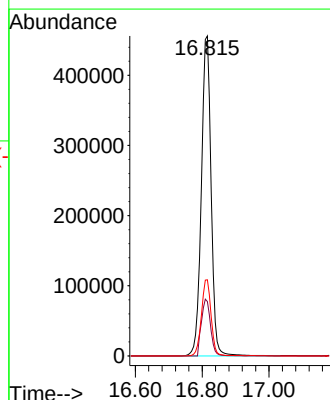
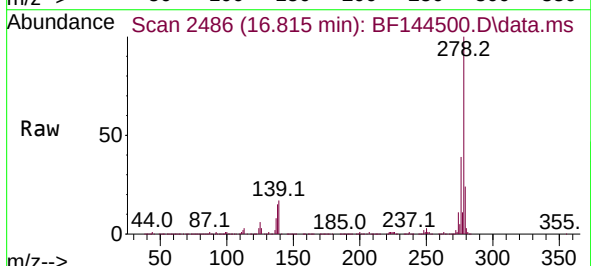
Tgt Ion:278 Resp: 924970

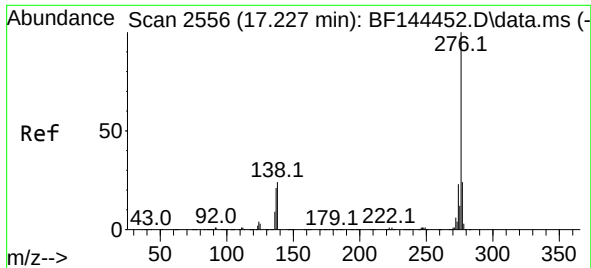
Ion Ratio Lower Upper

278 100

139 17.0 13.6 20.4

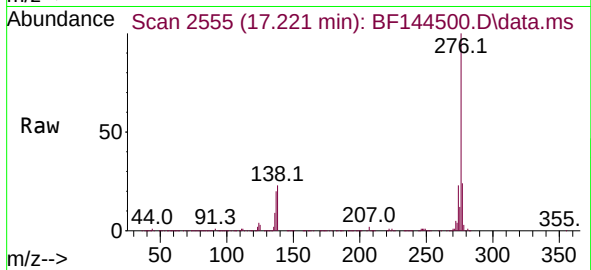
279 23.8 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 33.511 ng
 RT: 17.221 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144500.D
 Acq: 16 Dec 2025 17:46

Instrument :
 BNA_F
 ClientSampleId :
 AI COVE 11 12"MSD



Tgt Ion:276 Resp: 838654
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 22.8 19.4 29.2

