

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144249.D
 Acq On : 13 Nov 2025 17:54
 Operator : RC/JU
 Sample : Q3609-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MS

Quant Time: Nov 14 00:43:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	55763	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208413	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	114963	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	181496	20.000	ng	0.00
76) Chrysene-d12	14.045	240	97924	20.000	ng	0.00
86) Perylene-d12	15.521	264	142819	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	368930	103.533	ng	0.00
7) Phenol-d6	6.498	99	395672	97.996	ng	0.00
23) Nitrobenzene-d5	7.434	82	301918	83.667	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169299	117.353	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	605177	77.747	ng	0.00
79) Terphenyl-d14	12.980	244	515294	83.585	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	46901	31.836	ng	# 81
3) Pyridine	3.493	79	119806	29.149	ng	99
4) n-Nitrosodimethylamine	3.428	42	83221	38.763	ng	96
6) Aniline	6.534	93	72512	12.605	ng	# 89
8) 2-Chlorophenol	6.657	128	129909	37.174	ng	99
9) Benzaldehyde	6.422	77	62719	27.509	ng	97
10) Phenol	6.516	94	155448	31.511	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	136401	37.946	ng	99
12) 1,3-Dichlorobenzene	6.810	146	136341	31.617	ng	99
13) 1,4-Dichlorobenzene	6.887	146	142511	32.987	ng	99
14) 1,2-Dichlorobenzene	7.034	146	138988	33.565	ng	97
15) Benzyl Alcohol	7.010	79	130433	40.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	245938	37.154	ng	95
17) 2-Methylphenol	7.122	107	109879	39.524	ng	98
18) Hexachloroethane	7.375	117	44357	30.904	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	105313	39.621	ng	93
20) 3+4-Methylphenols	7.275	107	128610	39.244	ng	# 85
22) Acetophenone	7.275	105	185333	41.453	ng	97
24) Nitrobenzene	7.451	77	157835	40.284	ng	99
25) Isophorone	7.687	82	285567	41.837	ng	100
26) 2-Nitrophenol	7.769	139	80868	41.695	ng	97
27) 2,4-Dimethylphenol	7.804	122	133135	45.798	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	179443	42.099	ng	98
29) 2,4-Dichlorophenol	8.010	162	137275	40.971	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	133766	38.880	ng	98
31) Naphthalene	8.169	128	377511	38.079	ng	100
32) Benzoic acid	7.922	122	60708	28.490	ng	95
33) 4-Chloroaniline	8.222	127	29703	8.215	ng	97
34) Hexachlorobutadiene	8.287	225	91414	35.255	ng	98
35) Caprolactam	8.586	113	22239	24.227	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	129362	43.081	ng	99
37) 2-Methylnaphthalene	8.863	142	246037	37.118	ng	98
38) 1-Methylnaphthalene	8.963	142	246898	38.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	153923	40.853	ng	99
41) Hexachlorocyclopentadiene	9.016	237	133196	87.324	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	108270	42.221	ng	99

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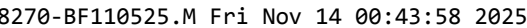
Instrument :
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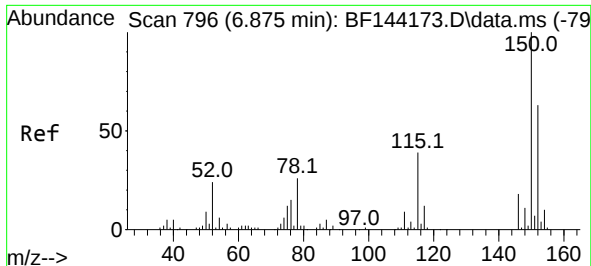
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	118229	42.778	ng	99
46) 1,1'-Biphenyl	9.328	154	339534	42.311	ng	98
47) 2-Chloronaphthalene	9.351	162	285534	41.713	ng	98
48) 2-Nitroaniline	9.451	65	91436	46.295	ng	99
49) Acenaphthylene	9.769	152	440703	47.244	ng	99
50) Dimethylphthalate	9.628	163	341215	44.802	ng	99
51) 2,6-Dinitrotoluene	9.692	165	71126	46.134	ng	99
52) Acenaphthene	9.939	154	241433	38.704	ng	98
53) 3-Nitroaniline	9.863	138	24154	14.332	ng	99
54) 2,4-Dinitrophenol	9.975	184	62991	67.661	ng	99
55) Dibenzofuran	10.116	168	367274	42.039	ng	99
56) 4-Nitrophenol	10.028	139	75947	62.296	ng	91
57) 2,4-Dinitrotoluene	10.098	165	96352	46.684	ng	96
58) Fluorene	10.457	166	288810	43.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	90662	46.365	ng	97
60) Diethylphthalate	10.328	149	299753	42.695	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	159207	42.078	ng	96
62) 4-Nitroaniline	10.475	138	63439	39.526	ng	99
63) Azobenzene	10.610	77	301626	46.162	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	43747	35.481	ng	99
66) n-Nitrosodiphenylamine	10.569	169	282382	48.375	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	103468	44.663	ng	98
68) Hexachlorobenzene	11.004	284	127977	46.901	ng	98
69) Atrazine	11.092	200	84554	45.547	ng	96
70) Pentachlorophenol	11.204	266	110723	81.487	ng	98
71) Phenanthrene	11.422	178	408012	45.152	ng	100
72) Anthracene	11.475	178	420136	45.724	ng	99
73) Carbazole	11.627	167	338386	43.309	ng	100
74) Di-n-butylphthalate	11.957	149	374136	39.610	ng	99
75) Fluoranthene	12.616	202	371201	39.766	ng	99
77) Benzidine	12.739	184	43999	15.190	ng	99
78) Pyrene	12.845	202	366464	46.414	ng	99
80) Butylbenzylphthalate	13.457	149	115129	42.072	ng	98
81) Benzo(a)anthracene	14.033	228	304704	44.896	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	34733	14.930	ng	98
83) Chrysene	14.069	228	294254	46.967	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	152554	40.723	ng	100
85) Di-n-octyl phthalate	14.627	149	294996	45.642	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	475651	46.395	ng	99
88) Benzo(b)fluoranthene	15.092	252	358372	44.137	ng	99
89) Benzo(k)fluoranthene	15.121	252	348517	45.858	ng	99
90) Benzo(a)pyrene	15.463	252	354886	47.377	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	377281	45.823	ng	98
92) Benzo(g,h,i)perylene	17.474	276	381234	46.888	ng	98

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

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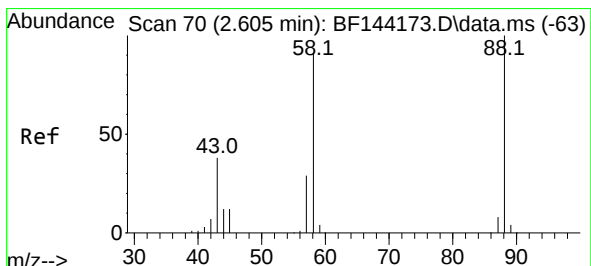
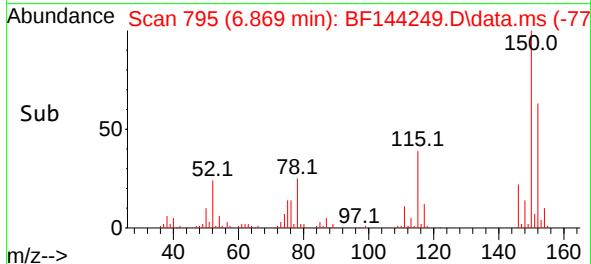
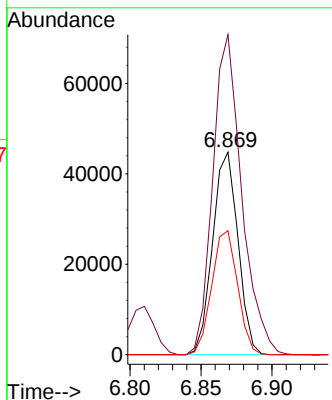
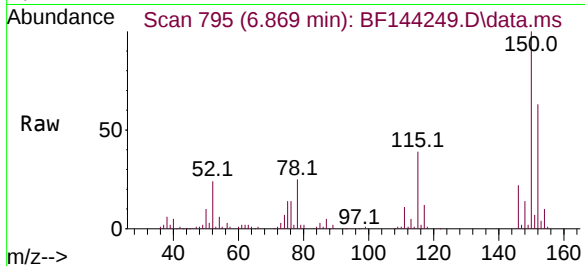




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

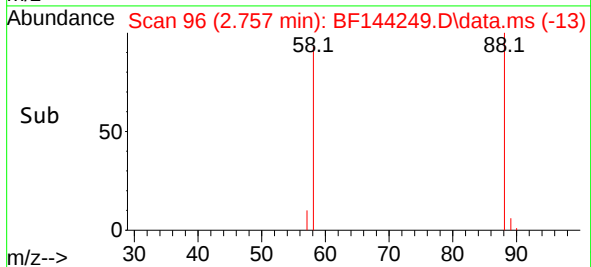
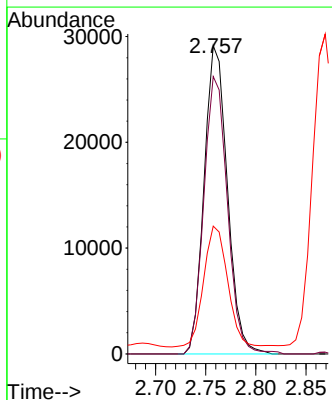
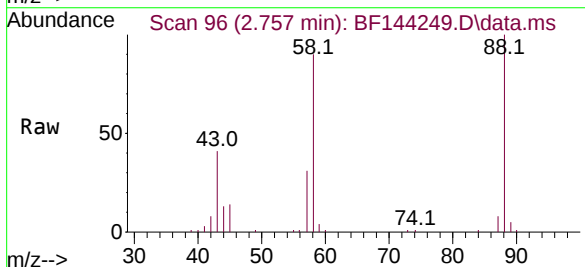
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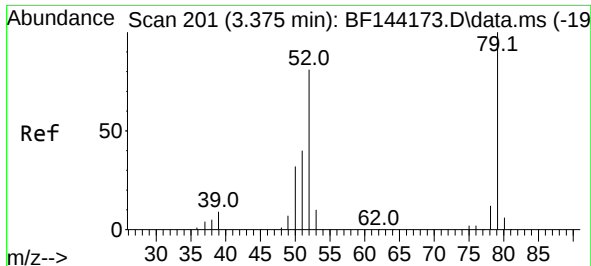
Tgt Ion:152 Resp: 55763
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.4 191.0
 115 61.2 49.5 74.3



#2
 1,4-Dioxane
 Concen: 31.836 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.141 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

Tgt Ion: 88 Resp: 46901
 Ion Ratio Lower Upper
 88 100
 58 91.2 73.1 109.7
 43 0.0 31.0 46.6#





#3

Pyridine

Concen: 29.149 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

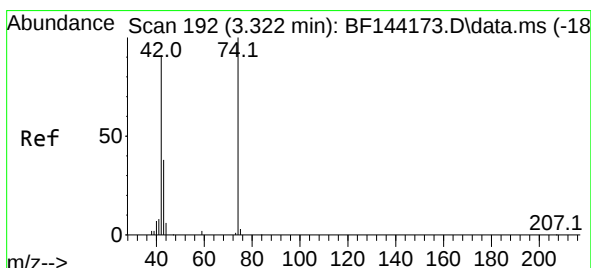
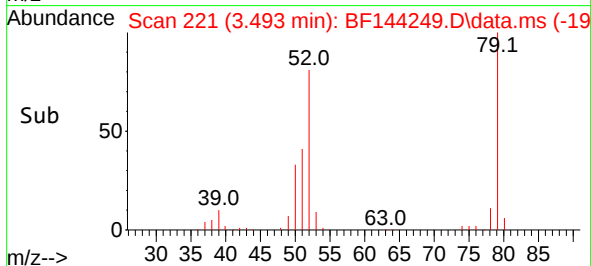
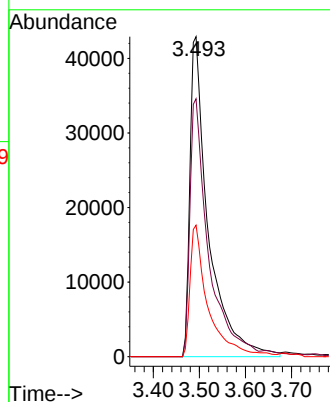
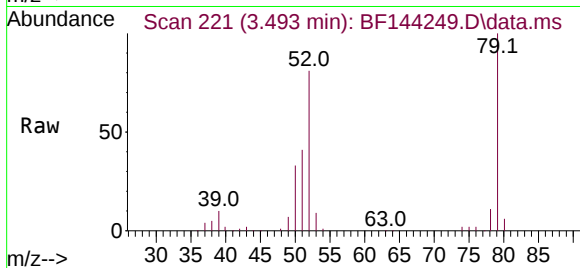
Tgt Ion: 79 Resp: 119806

Ion Ratio Lower Upper

79 100

52 80.6 64.5 96.7

51 41.1 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 38.763 ng

RT: 3.428 min Scan# 210

Delta R.T. 0.082 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

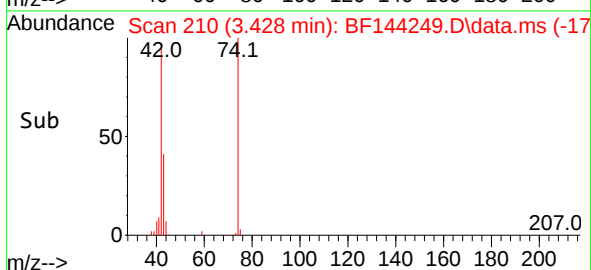
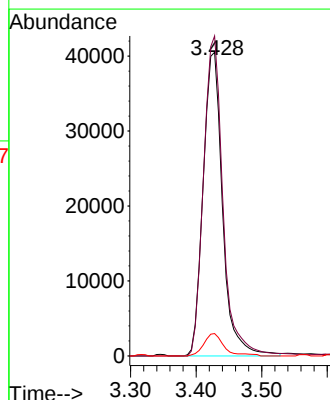
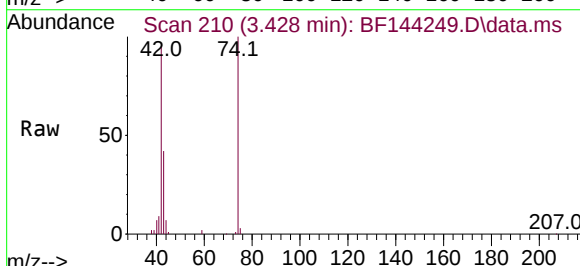
Tgt Ion: 42 Resp: 83221

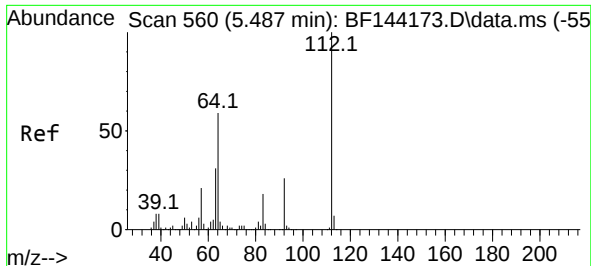
Ion Ratio Lower Upper

42 100

74 105.4 88.2 132.4

44 7.3 5.7 8.5

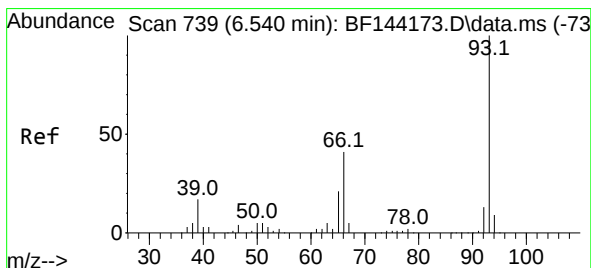
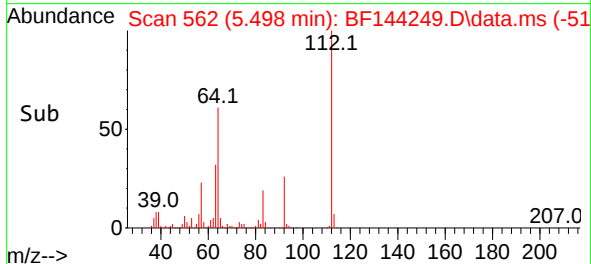
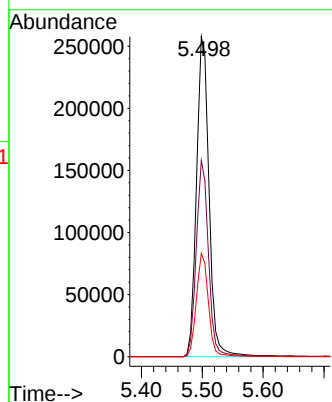
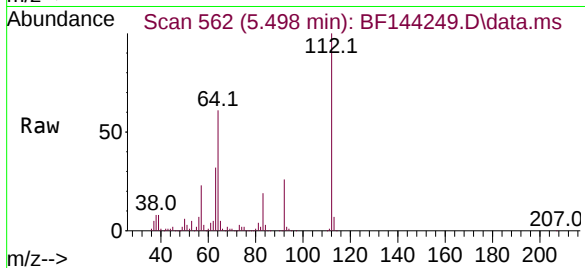




#5
2-Fluorophenol
Concen: 103.533 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

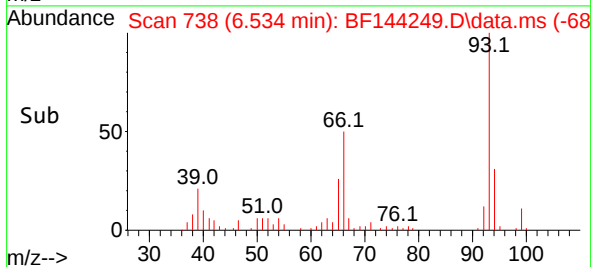
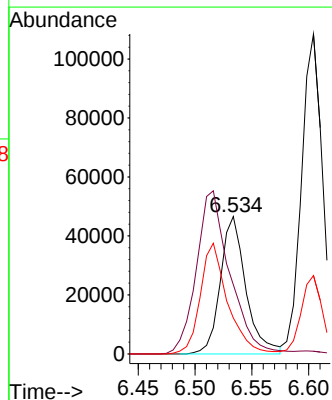
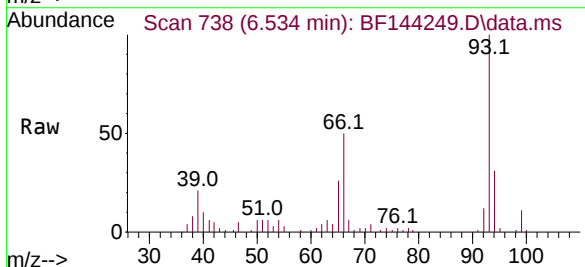
Instrument :
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ClientSampleId :
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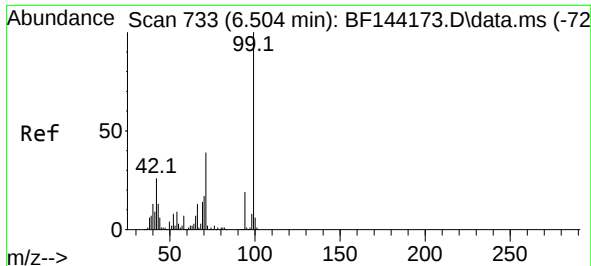
Tgt Ion:112 Resp: 368930
Ion Ratio Lower Upper
112 100
64 61.3 47.2 70.8
63 32.3 24.4 36.6



#6
Aniline
Concen: 12.605 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

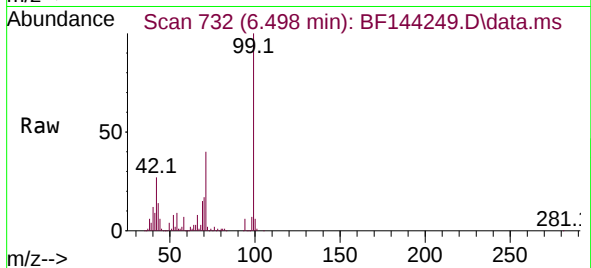
Tgt Ion: 93 Resp: 72512
Ion Ratio Lower Upper
93 100
66 50.4 34.3 51.5
65 26.1 16.9 25.3#





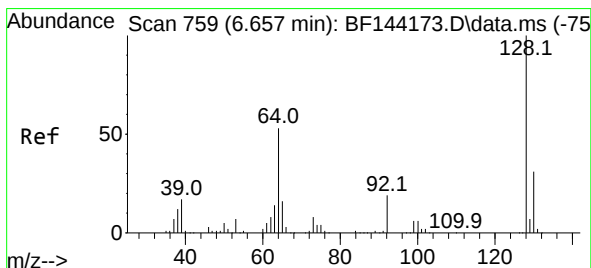
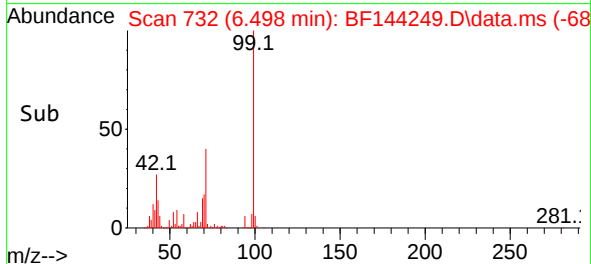
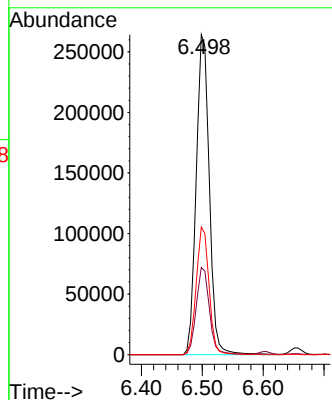
#7
Phenol-d6
Concen: 97.996 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

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ClientSampleId :
AU-713-COMP-01MS



Tgt Ion: 99 Resp: 395672

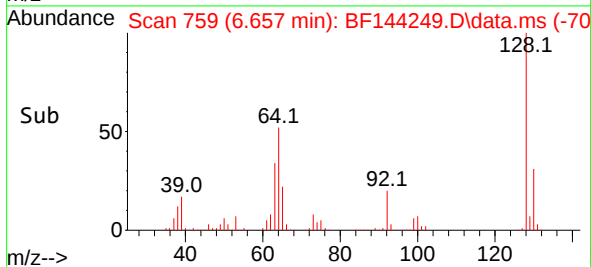
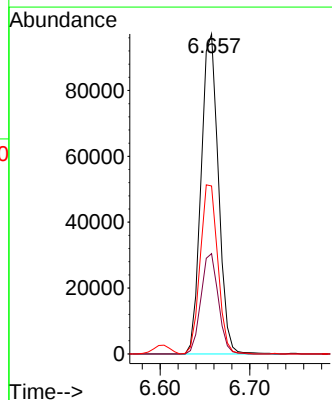
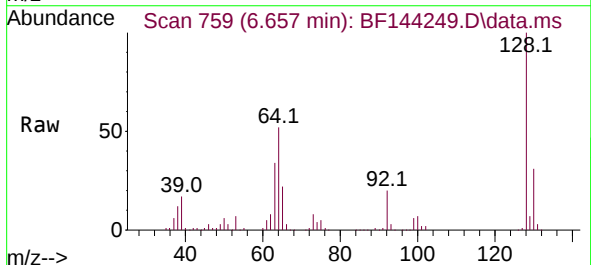
Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.9	31.3
71	39.9	31.4	47.2

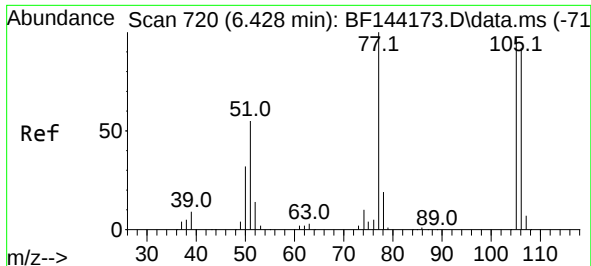


#8
2-Chlorophenol
Concen: 37.174 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion: 128 Resp: 129909

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.5	50.5
64	52.5	33.2	73.2

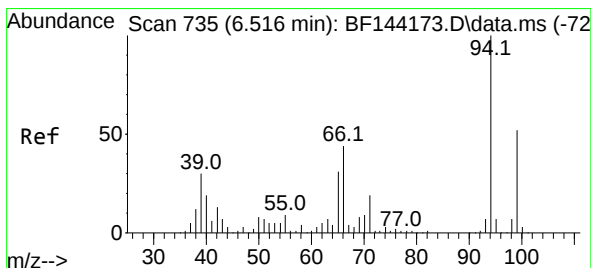
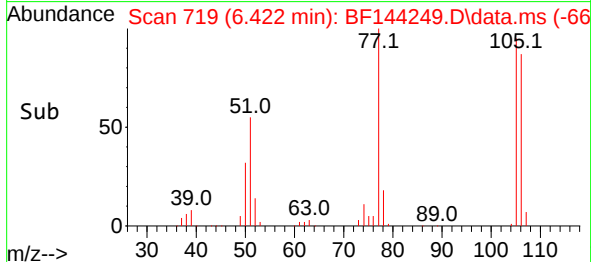
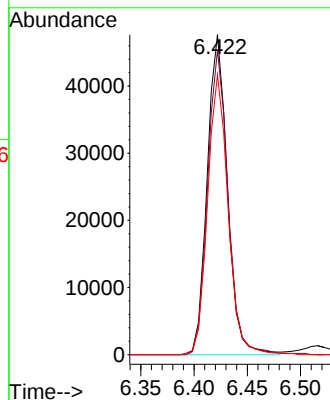
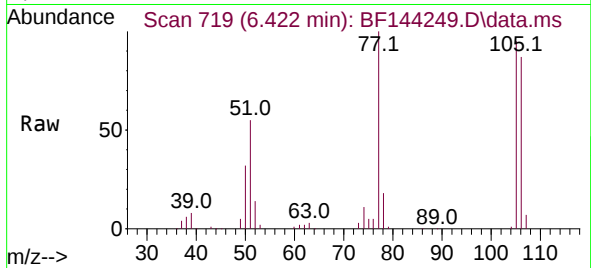




#9
Benzaldehyde
Concen: 27.509 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

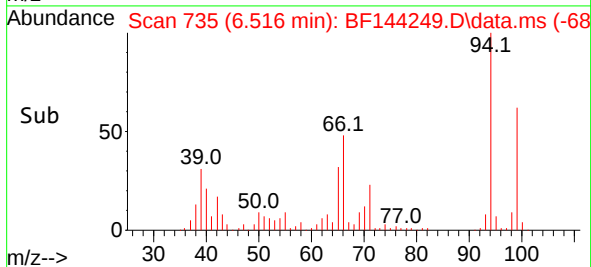
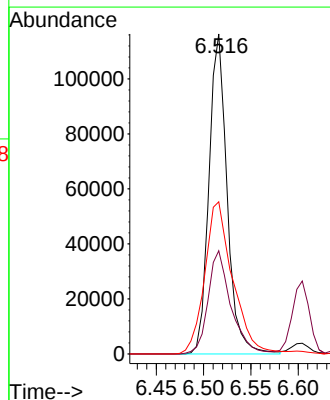
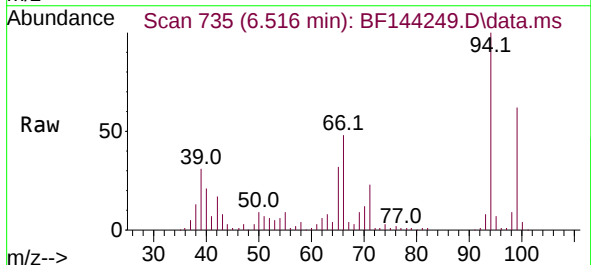
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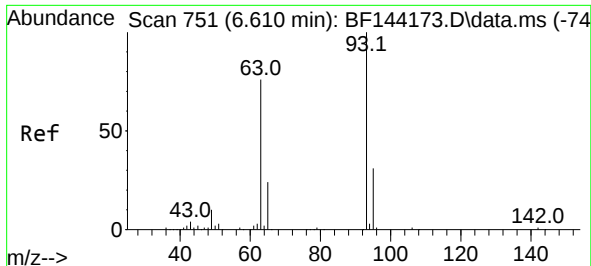
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Ion Ratio Lower Upper
77 100
105 95.2 77.2 117.2
106 87.5 72.2 112.2



#10
Phenol
Concen: 31.511 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion: 94 Resp: 155448
Ion Ratio Lower Upper
94 100
65 32.2 10.8 50.8
66 47.5 24.3 64.3

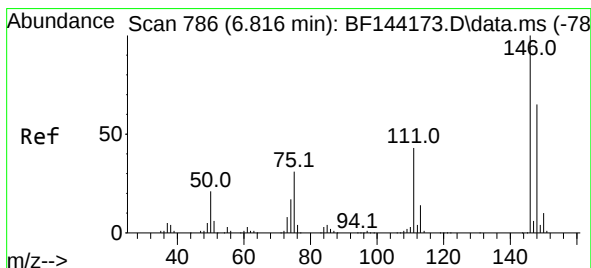
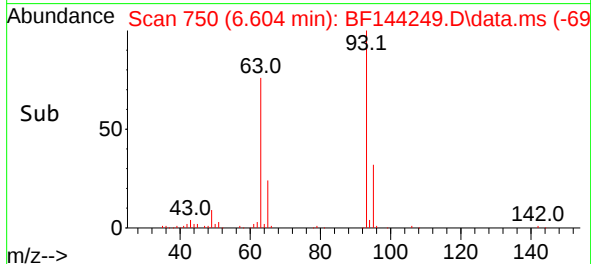
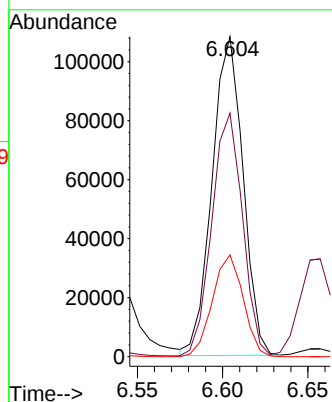
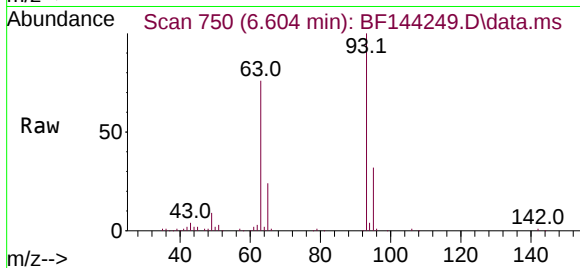




#11
bis(2-Chloroethyl)ether
Concen: 37.946 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

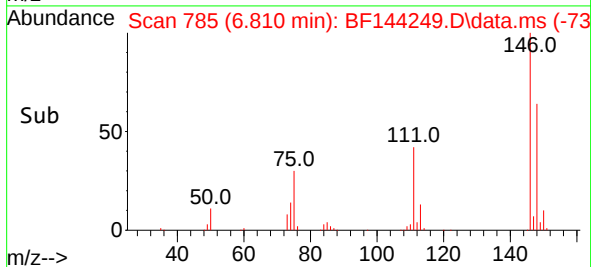
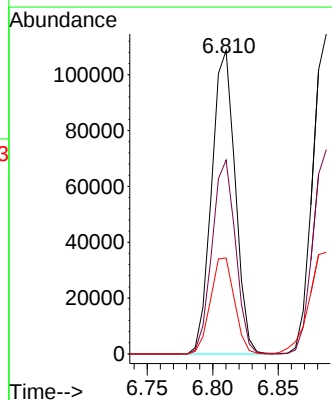
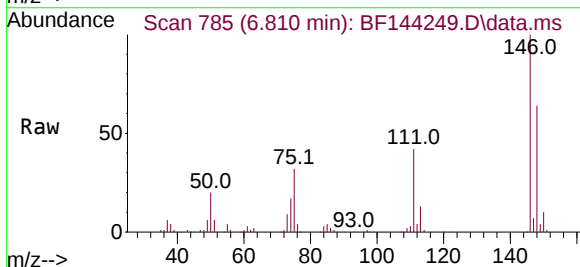
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

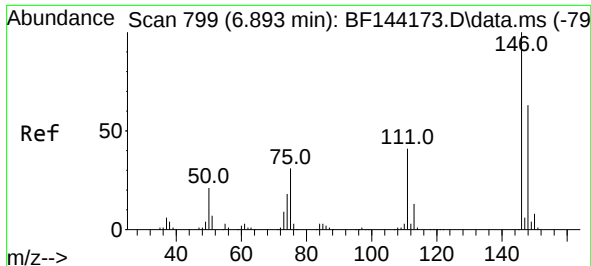
Tgt Ion: 93 Resp: 136401
Ion Ratio Lower Upper
93 100
63 76.1 55.2 95.2
95 31.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 31.617 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:146 Resp: 136341
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 31.6 25.0 37.4

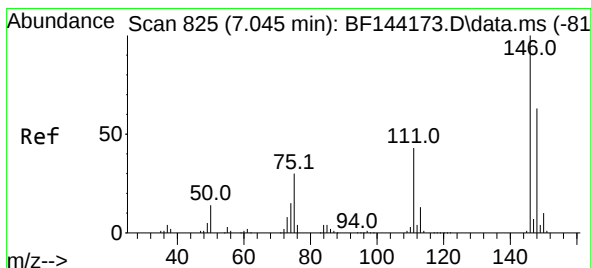
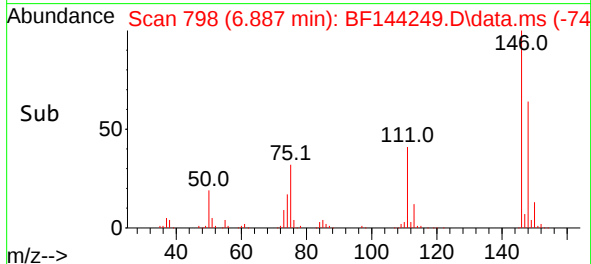
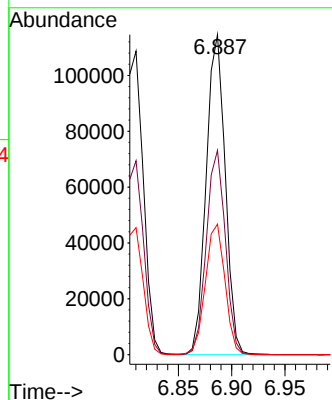
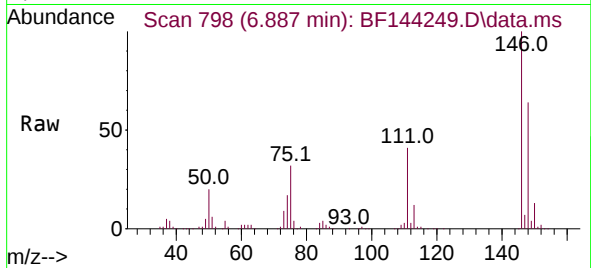




#13
1,4-Dichlorobenzene
Concen: 32.987 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

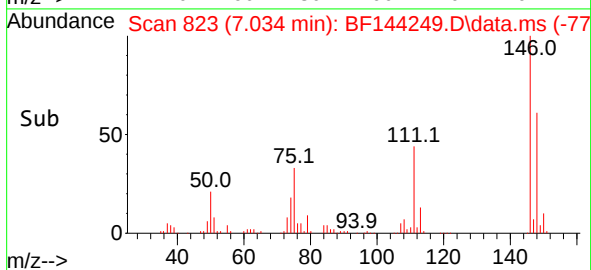
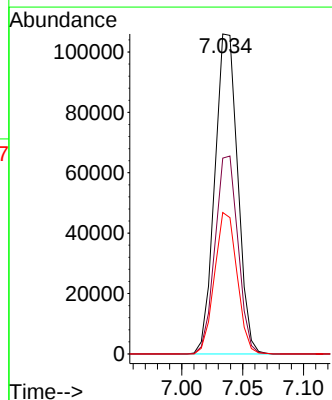
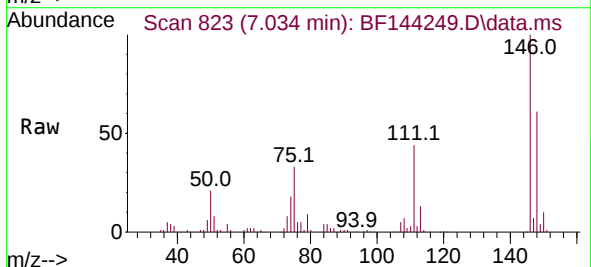
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

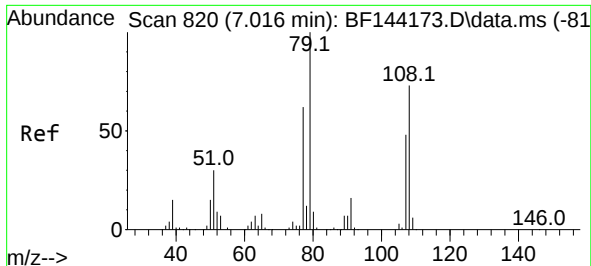
Tgt Ion:146 Resp: 142511
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 40.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 33.565 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:146 Resp: 138988
Ion Ratio Lower Upper
146 100
148 61.2 50.7 76.1
111 44.2 34.2 51.4

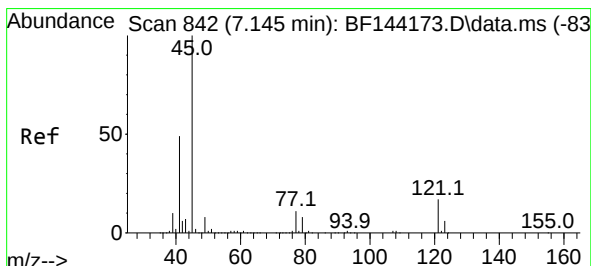
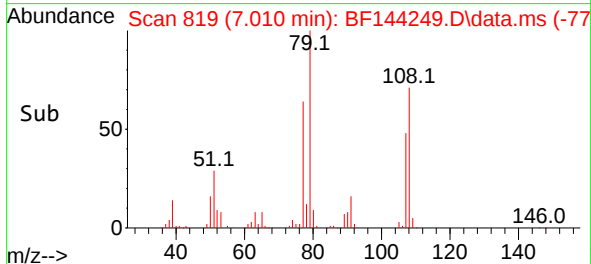
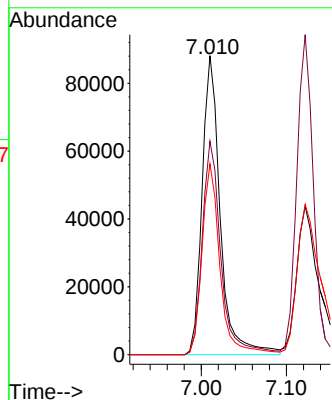
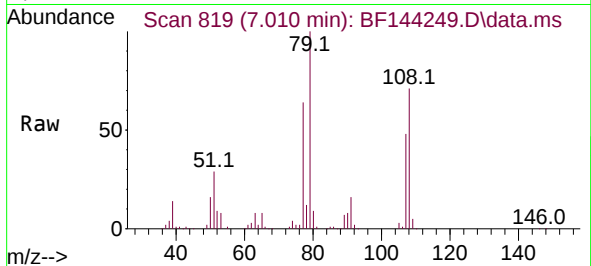




#15
Benzyl Alcohol
Concen: 40.797 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

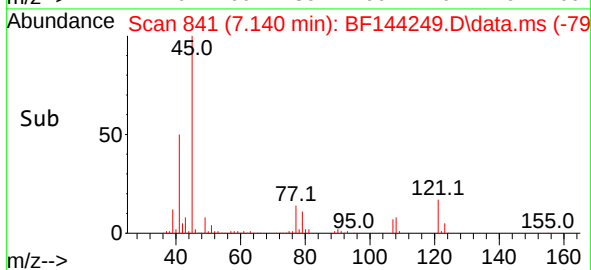
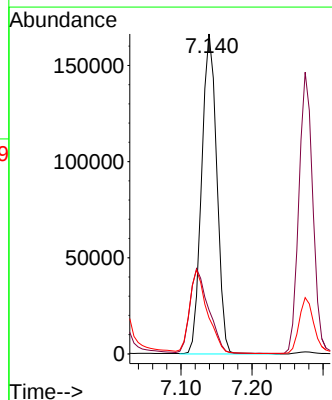
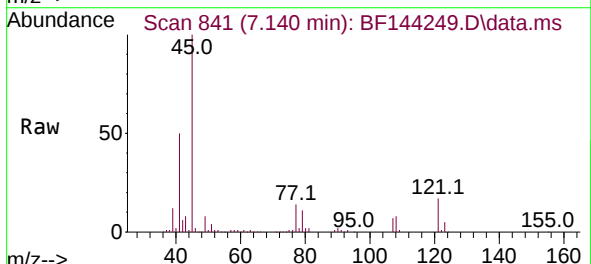
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

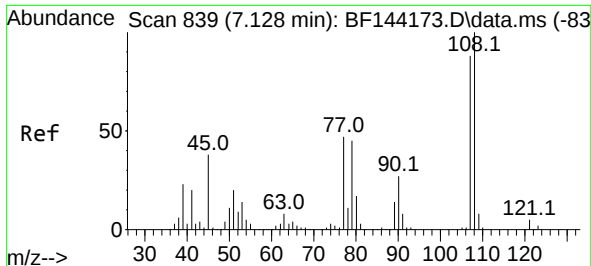
Tgt Ion: 79 Resp: 130433
Ion Ratio Lower Upper
79 100
108 71.4 58.2 87.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.154 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion: 45 Resp: 245938
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 11.3 0.0 29.1

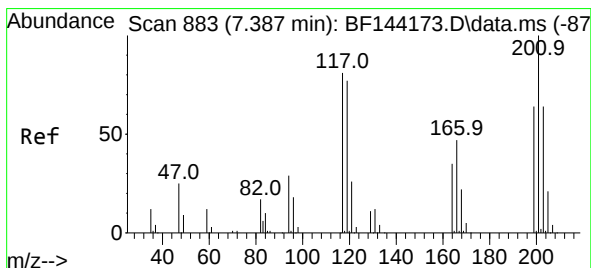
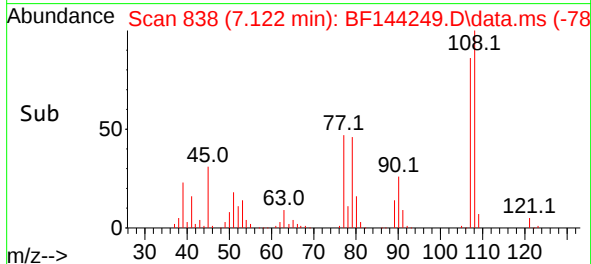
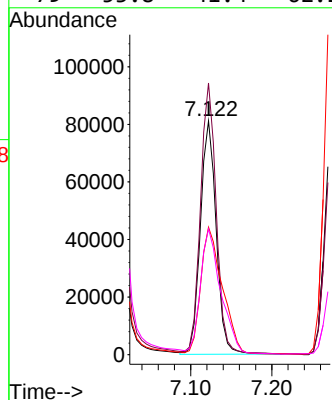
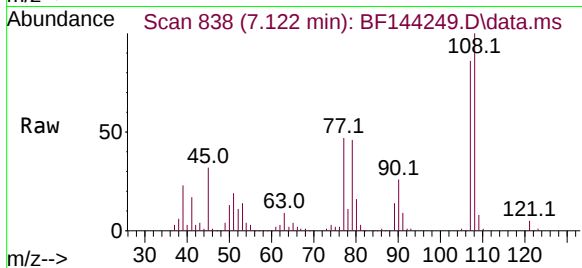




#17
2-Methylphenol
Concen: 39.524 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

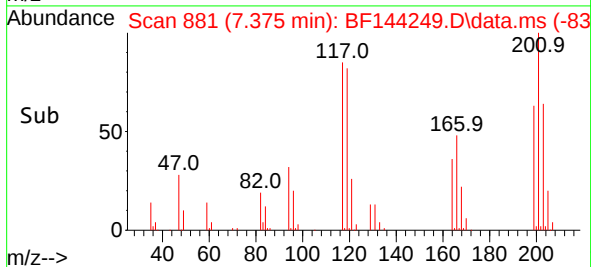
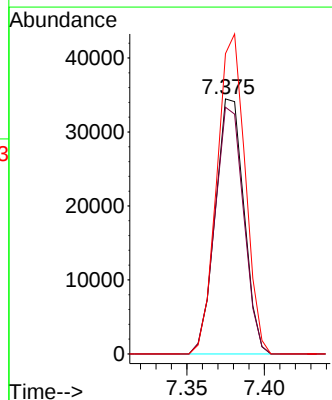
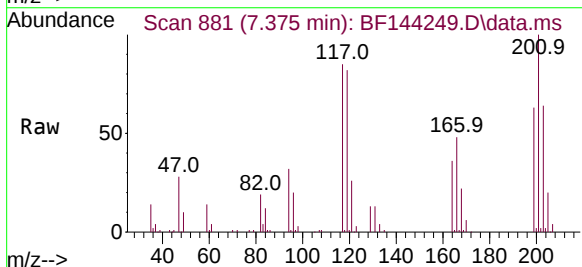
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

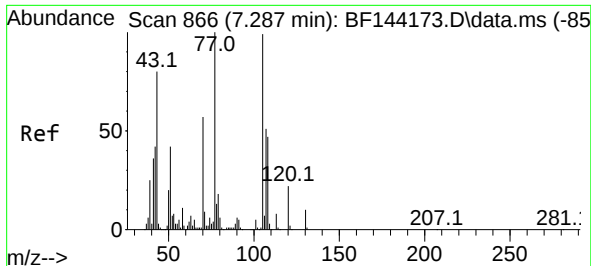
Tgt Ion:	107	Resp:	109879
Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.0	136.4
77	54.5	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 30.904 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:	117	Resp:	44357
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	117.7	98.9	148.3

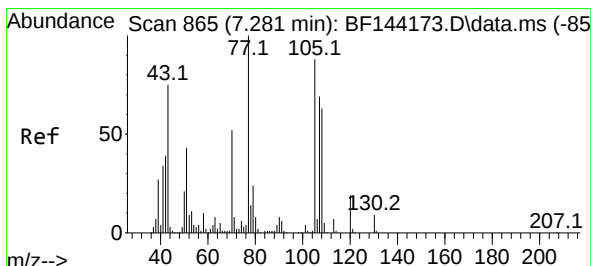
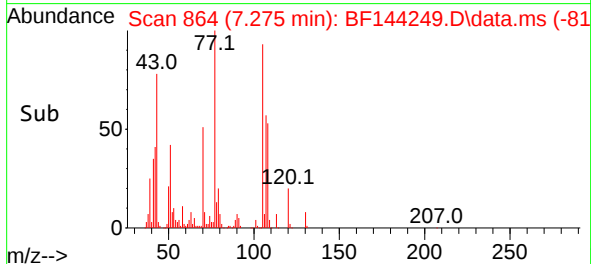
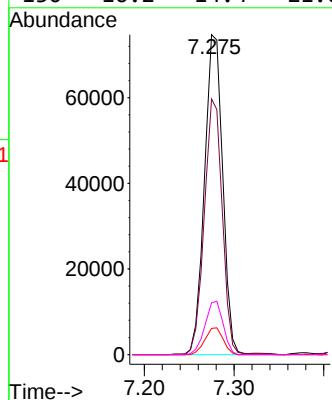
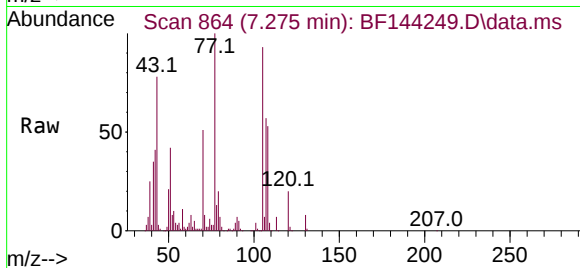




#19
n-Nitroso-di-n-propylamine
Concen: 39.621 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

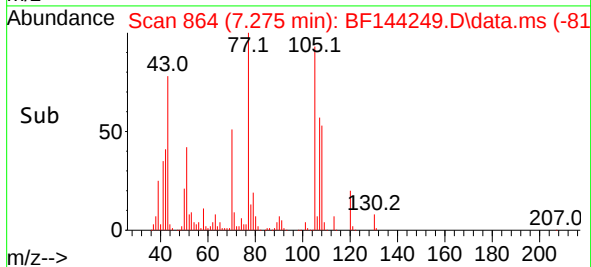
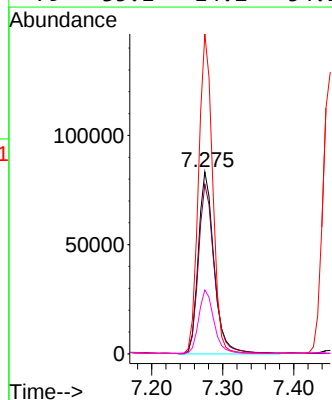
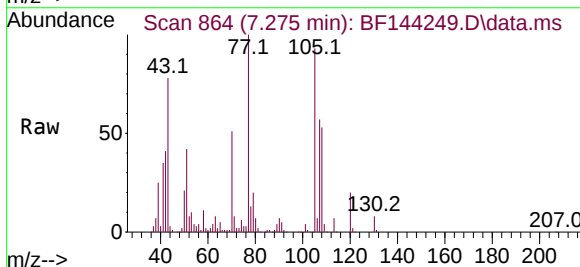
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

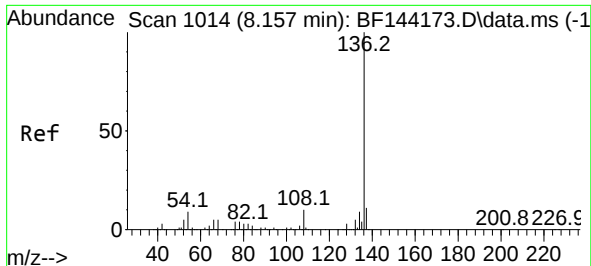
Tgt Ion:	70	Resp:	105313
Ion	Ratio	Lower	Upper
70	100		
42	79.9	58.3	87.5
101	8.2	7.0	10.6
130	16.2	14.4	21.6



#20
3+4-Methylphenols
Concen: 39.244 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:	107	Resp:	128610
Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.2	110.2
77	175.9	123.9	163.9#
79	35.1	14.2	54.2

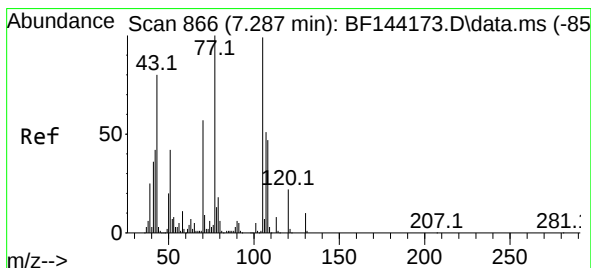
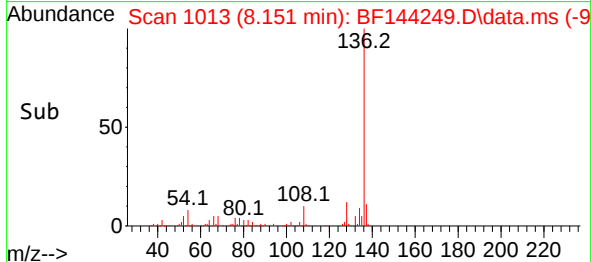
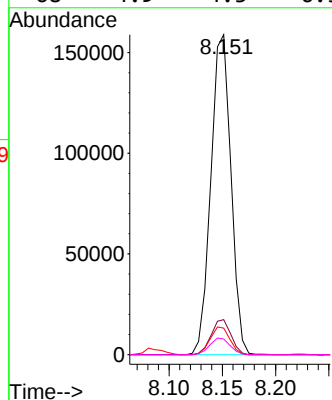
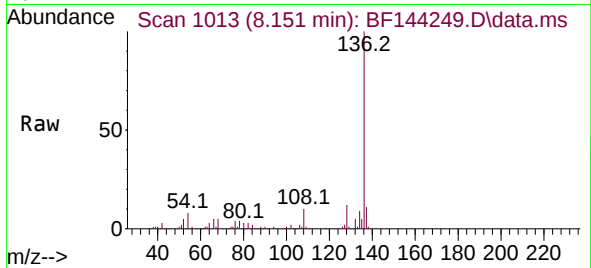




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

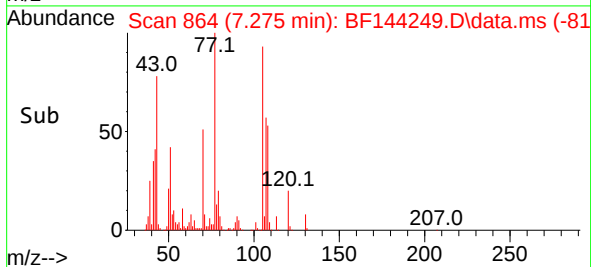
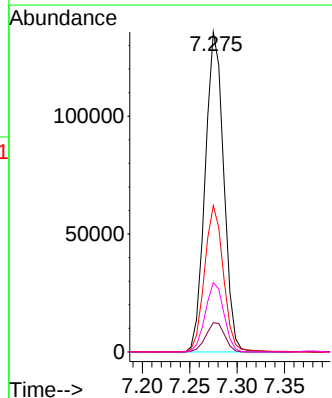
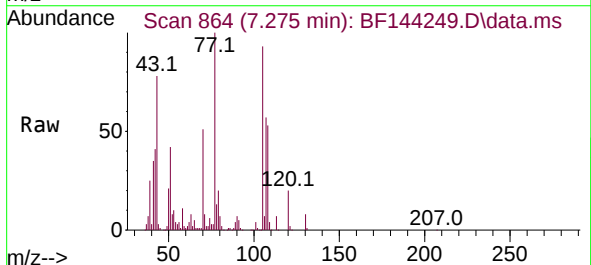
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

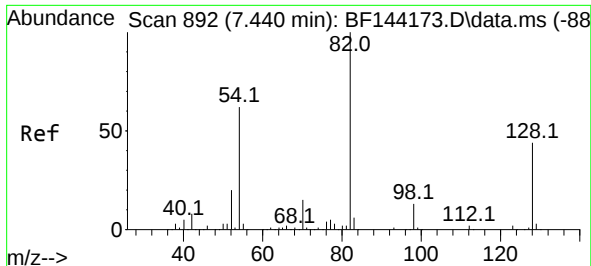
Tgt Ion:136 Resp: 208413
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.0 10.6
68 4.9 4.3 6.5



#22
Acetophenone
Concen: 41.453 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:105 Resp: 185333
Ion Ratio Lower Upper
105 100
71 9.1 7.2 10.8
51 45.7 34.0 51.0
120 21.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.667 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

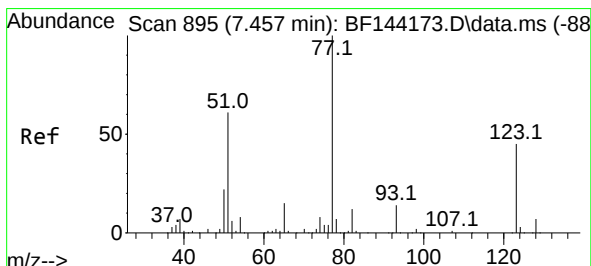
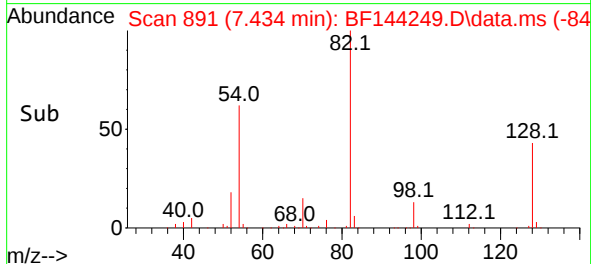
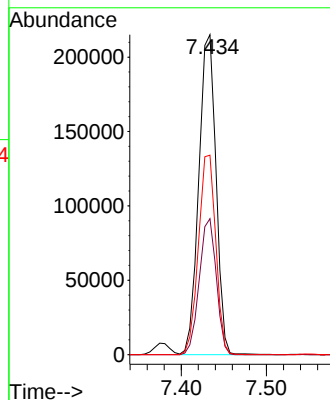
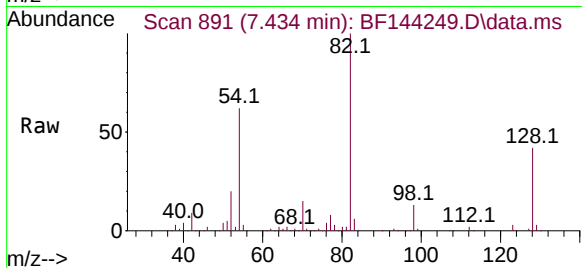
Tgt Ion: 82 Resp: 301918

Ion Ratio Lower Upper

82 100

128 42.5 34.7 52.1

54 62.3 49.5 74.3



#24

Nitrobenzene

Concen: 40.284 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

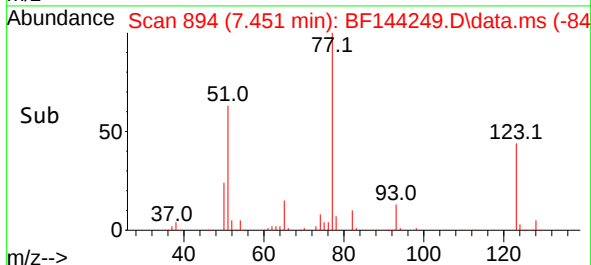
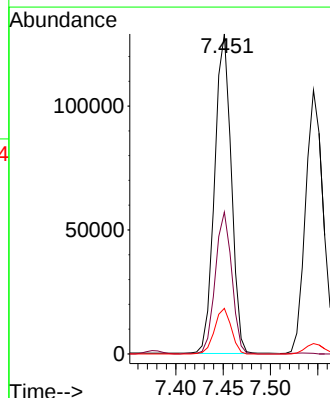
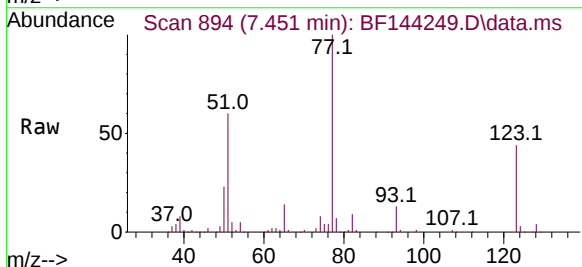
Tgt Ion: 77 Resp: 157835

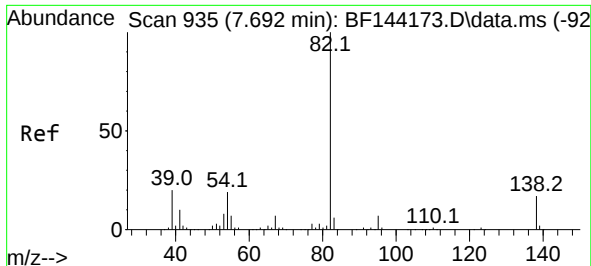
Ion Ratio Lower Upper

77 100

123 44.3 35.8 53.8

65 14.2 12.2 18.2

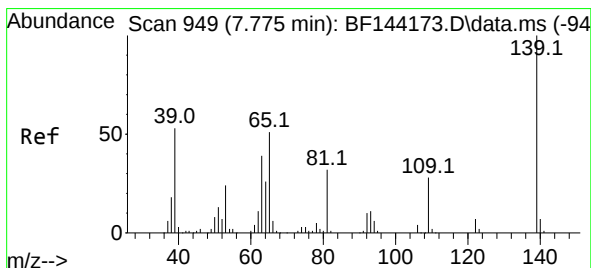
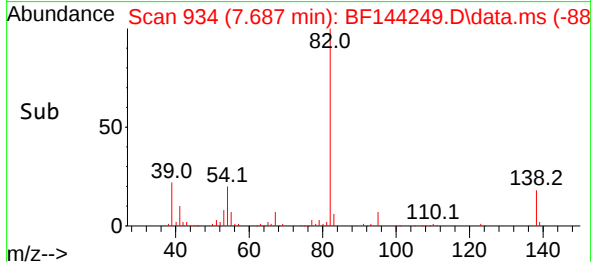
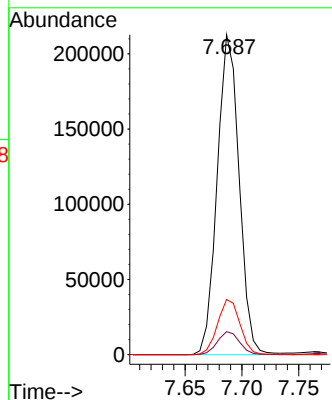
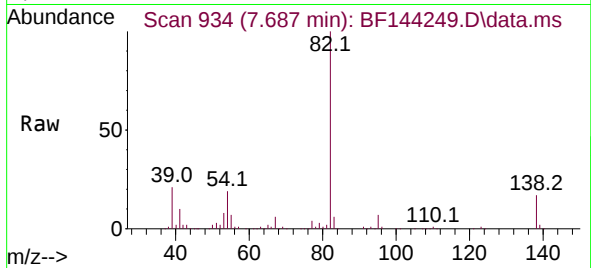




#25
Isophorone
Concen: 41.837 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

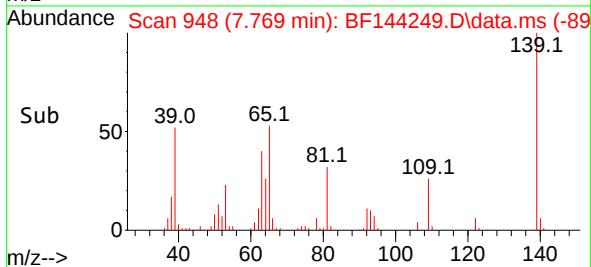
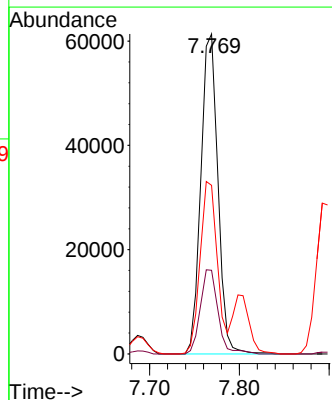
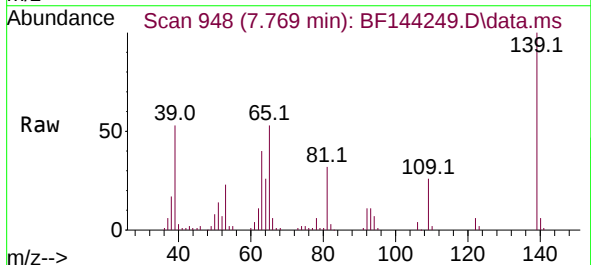
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

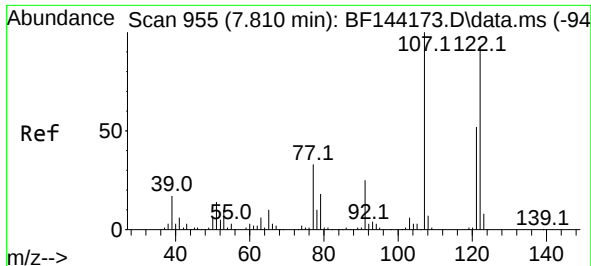
Tgt Ion: 82 Resp: 285567
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 41.695 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:139 Resp: 80868
Ion Ratio Lower Upper
139 100
109 26.1 22.2 33.2
65 52.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 45.798 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

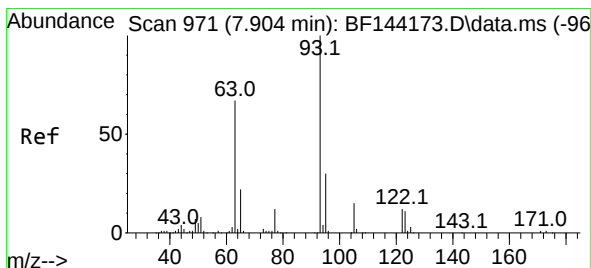
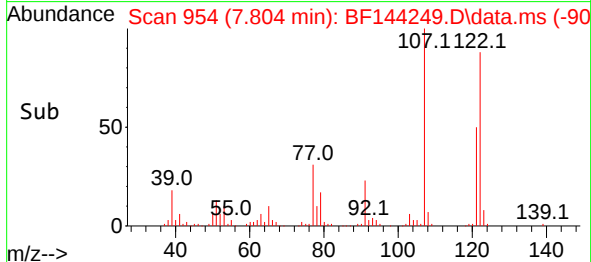
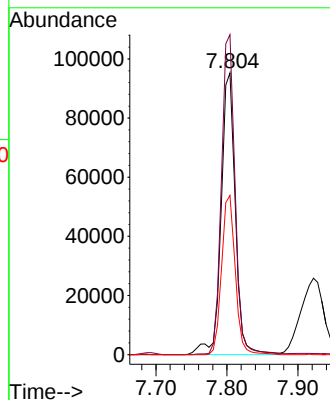
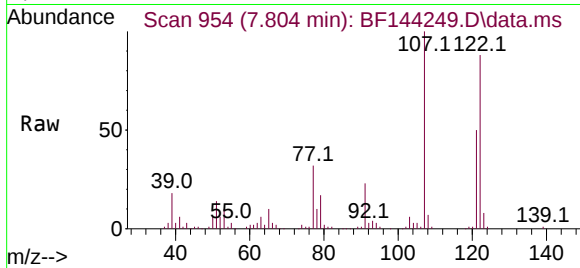
Tgt Ion:122 Resp: 133135

Ion Ratio Lower Upper

122 100

107 113.6 86.2 129.4

121 56.5 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.099 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

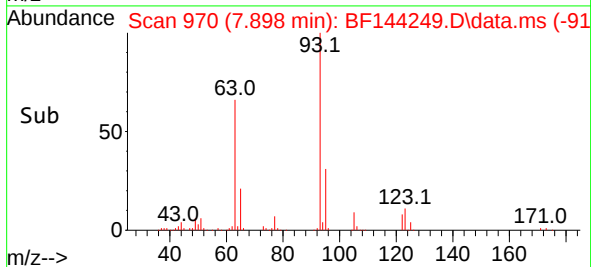
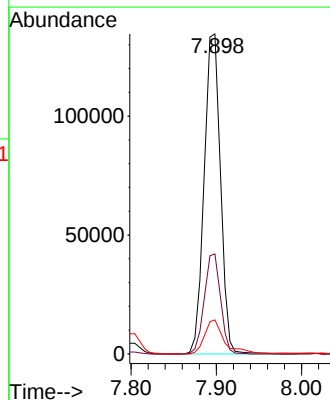
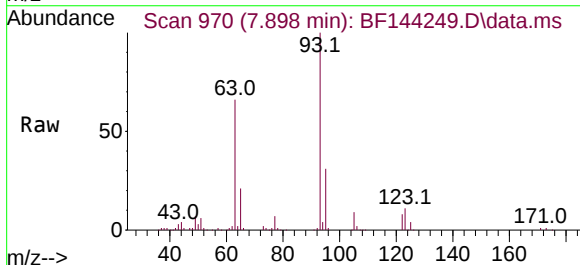
Tgt Ion: 93 Resp: 179443

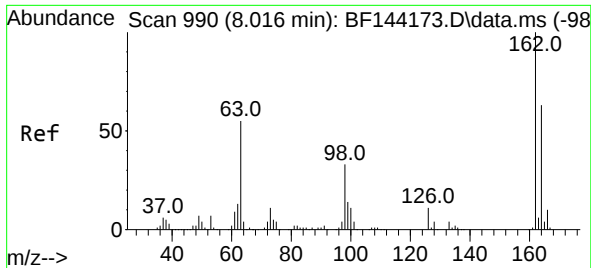
Ion Ratio Lower Upper

93 100

95 31.2 24.2 36.4

123 10.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.971 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

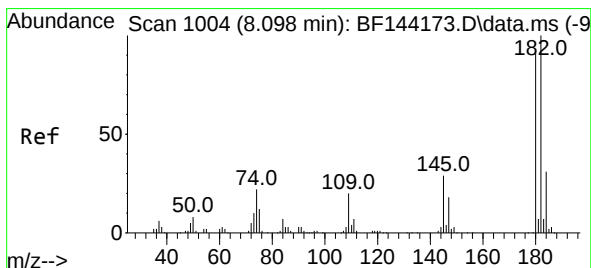
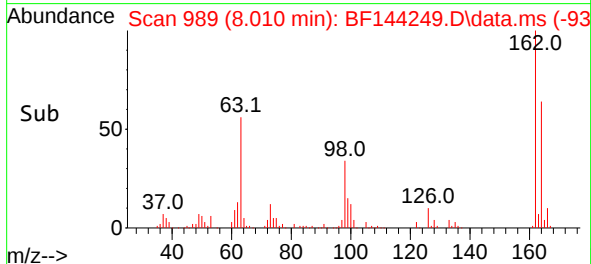
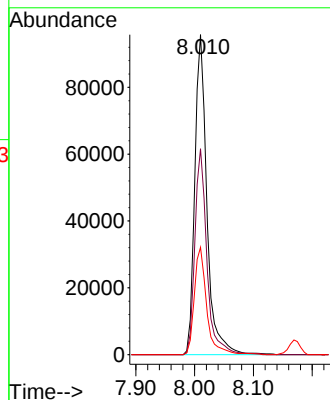
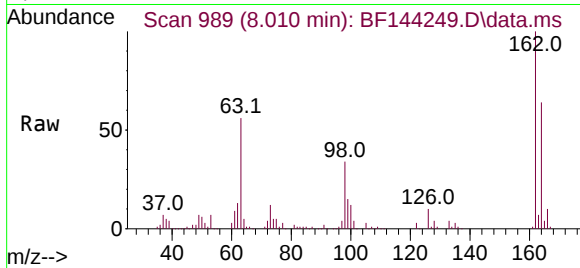
Tgt Ion:162 Resp: 137275

Ion Ratio Lower Upper

162 100

164 64.3 42.9 82.9

98 33.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 38.880 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

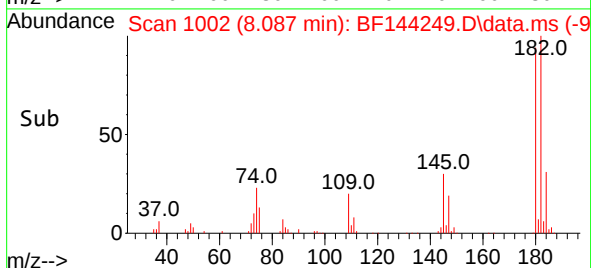
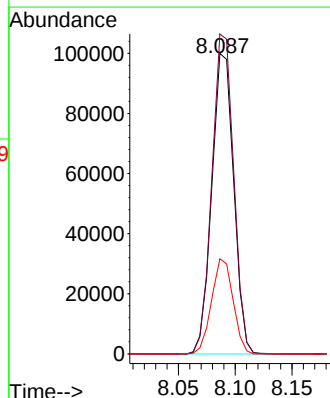
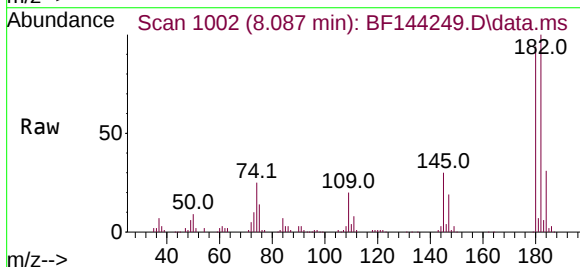
Tgt Ion:180 Resp: 133766

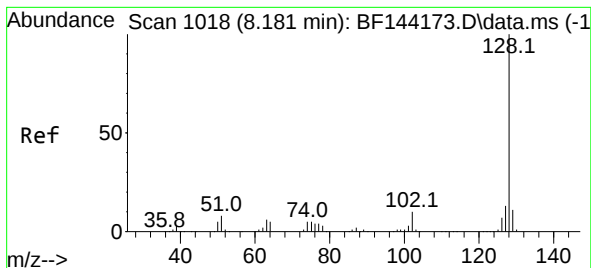
Ion Ratio Lower Upper

180 100

182 106.5 87.7 131.5

145 31.7 25.4 38.0





#31

Naphthalene

Concen: 38.079 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

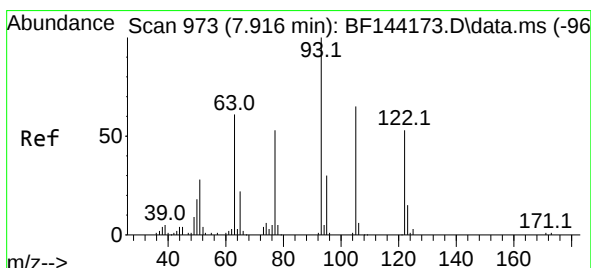
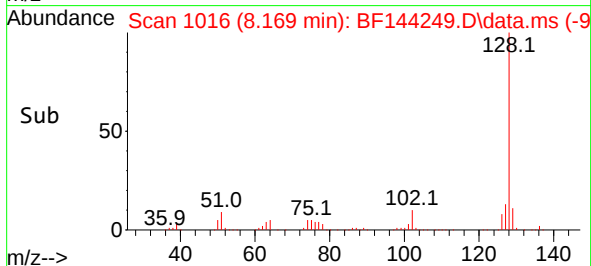
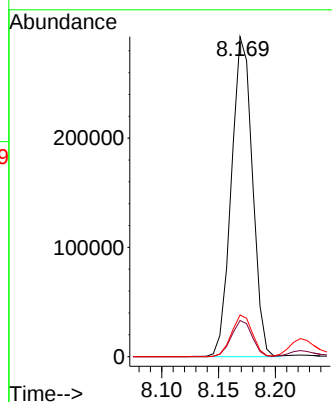
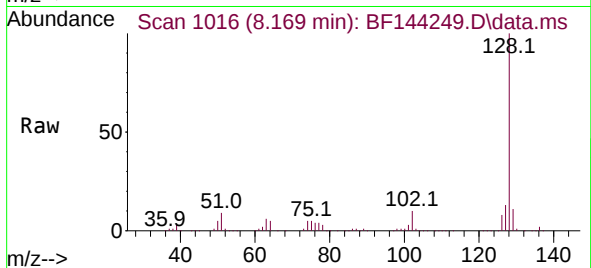
Tgt Ion:128 Resp: 377511

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 28.490 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.029 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

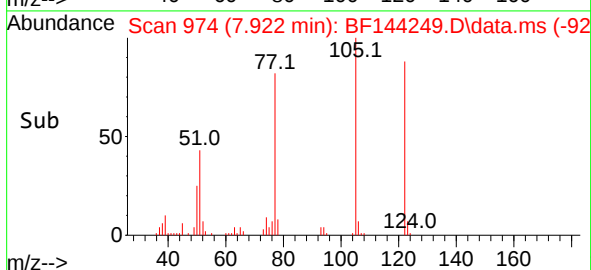
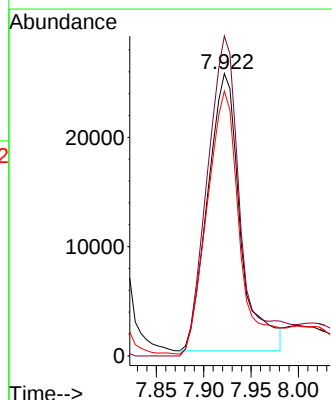
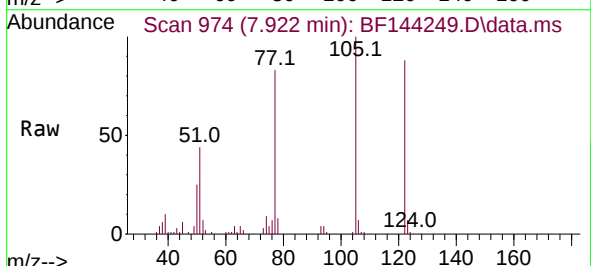
Tgt Ion:122 Resp: 60708

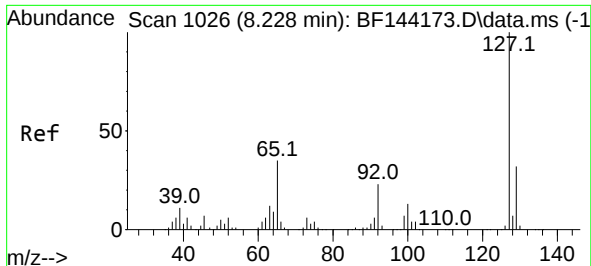
Ion Ratio Lower Upper

122 100

105 113.3 99.9 139.9

77 93.8 77.5 117.5

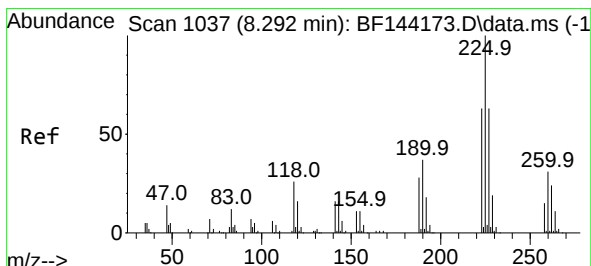
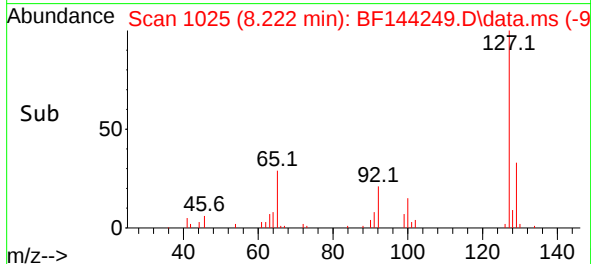
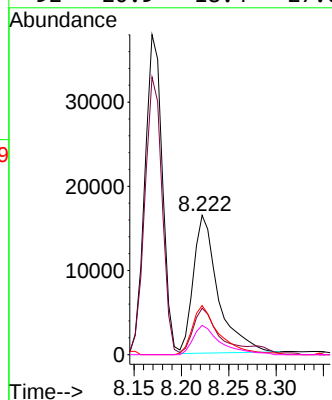
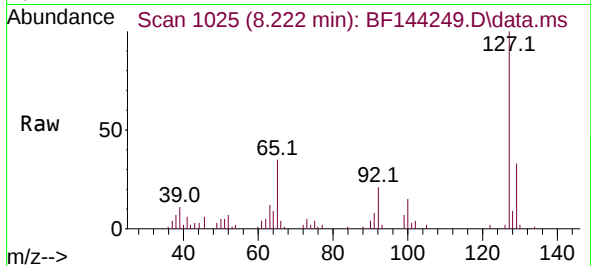




#33
4-Chloroaniline
Concen: 8.215 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

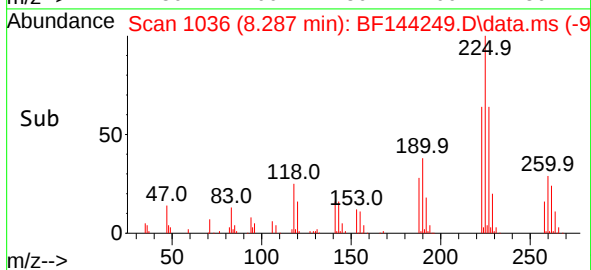
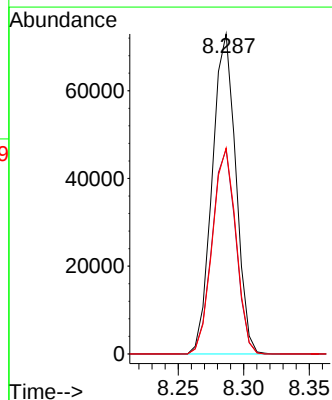
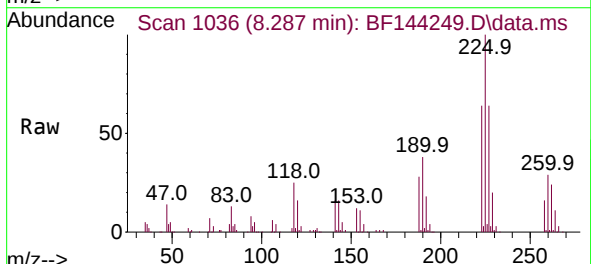
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

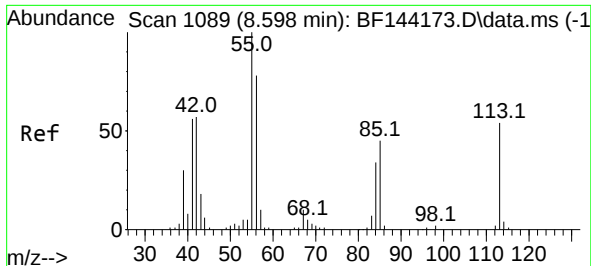
Tgt Ion:127	Resp:	29703
Ion Ratio	Lower	Upper
127	100	
129	33.3	25.3 37.9
65	35.2	27.6 41.4
92	20.9	18.4 27.6



#34
Hexachlorobutadiene
Concen: 35.255 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:225	Resp:	91414
Ion Ratio	Lower	Upper
225	100	
223	63.9	50.2 75.4
227	64.3	50.1 75.1

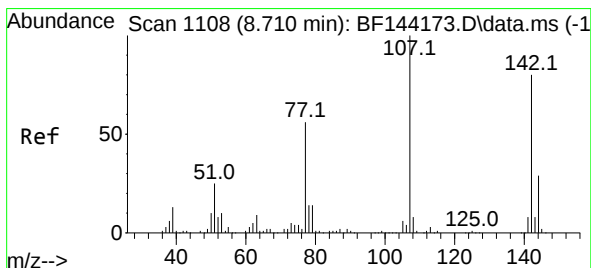
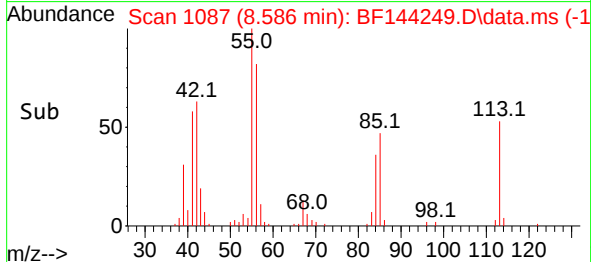
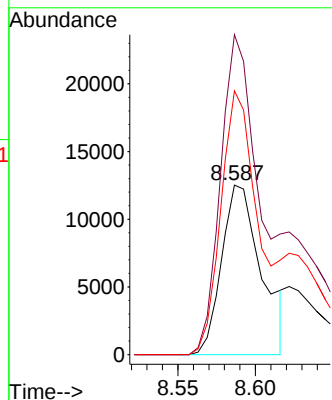
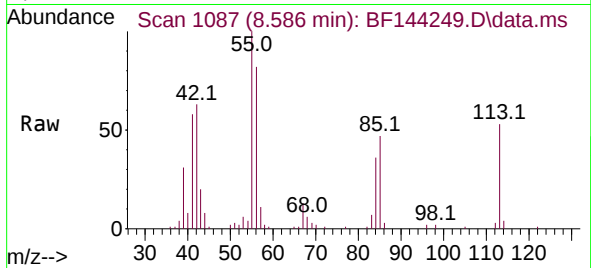




#35
 Caprolactam
 Concen: 24.227 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.035 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

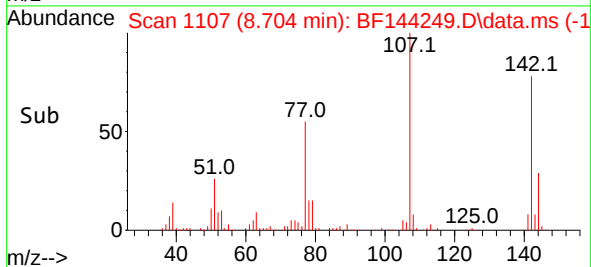
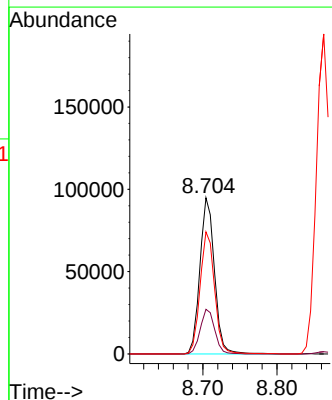
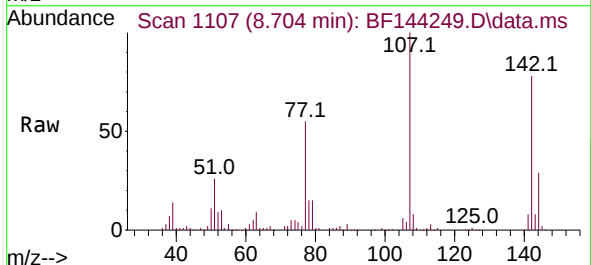
Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MS

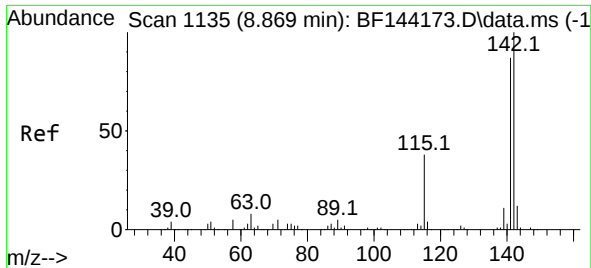
Tgt Ion:113 Resp: 22239
 Ion Ratio Lower Upper
 113 100
 55 188.8 166.8 206.8
 56 155.5 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.081 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

Tgt Ion:107 Resp: 129362
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.3 34.9
 142 78.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 37.118 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

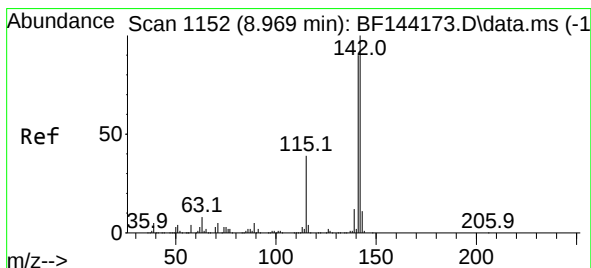
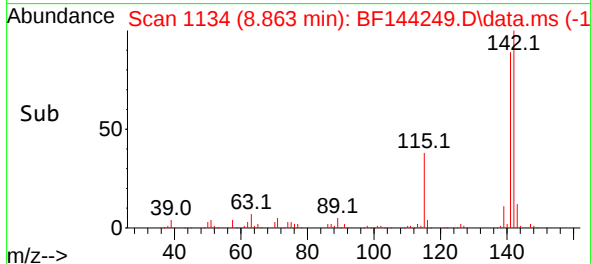
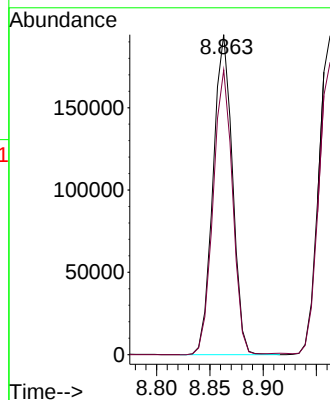
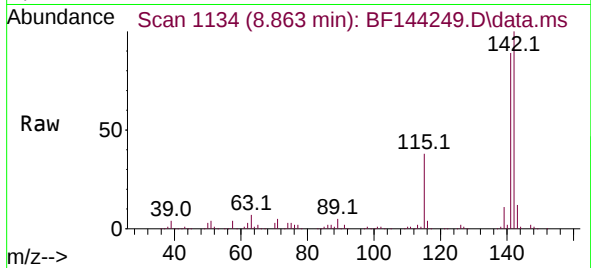
AU-713-COMP-01MS

Tgt Ion:142 Resp: 246037

Ion Ratio Lower Upper

142 100

141 89.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 38.604 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144249.D

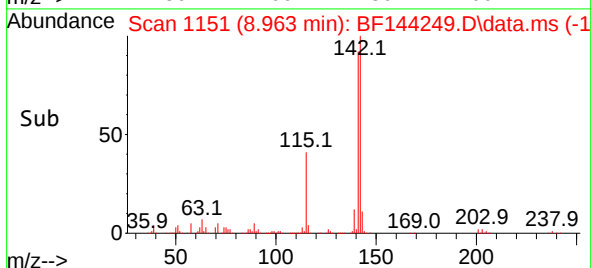
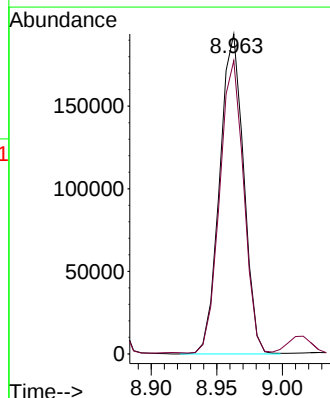
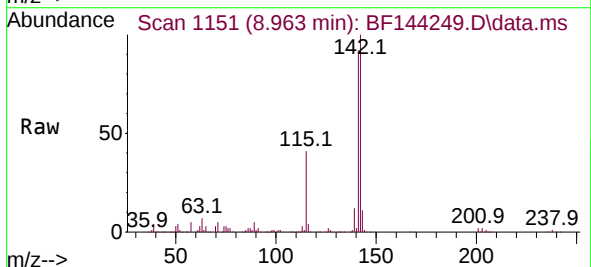
Acq: 13 Nov 2025 17:54

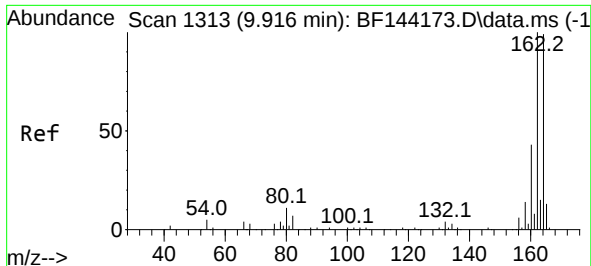
Tgt Ion:142 Resp: 246898

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

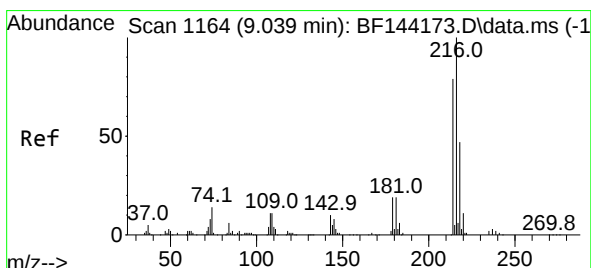
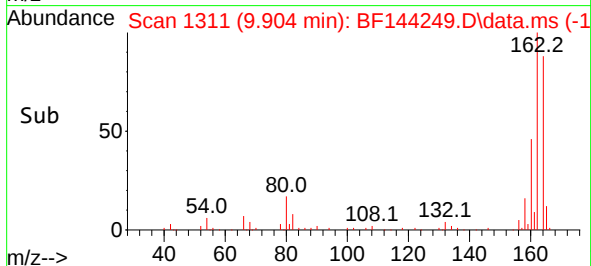
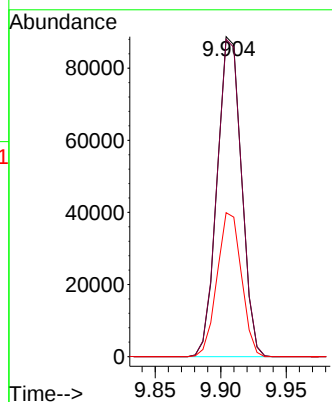
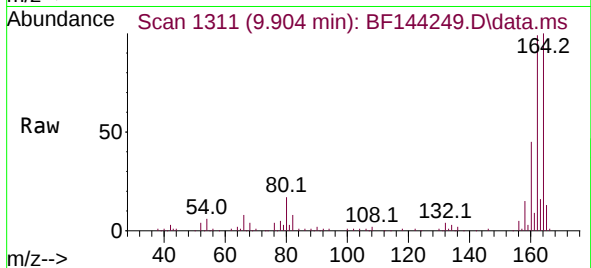
Tgt Ion:164 Resp: 114963

Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

160 45.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.853 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Tgt Ion:216 Resp: 153923

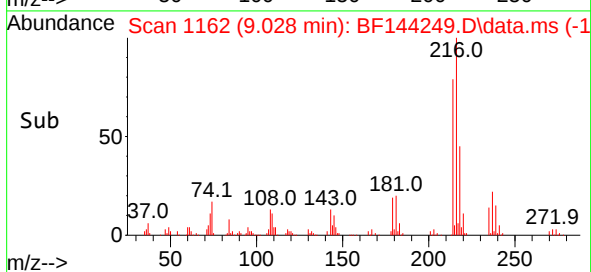
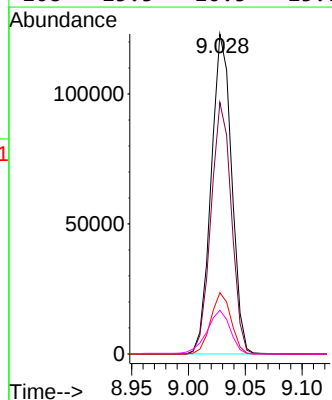
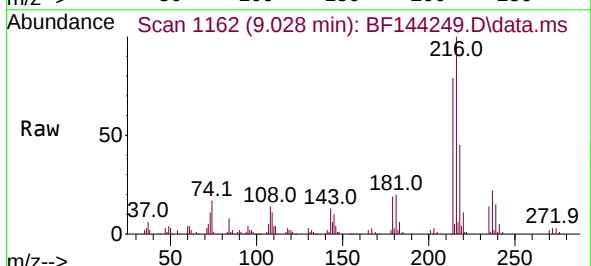
Ion Ratio Lower Upper

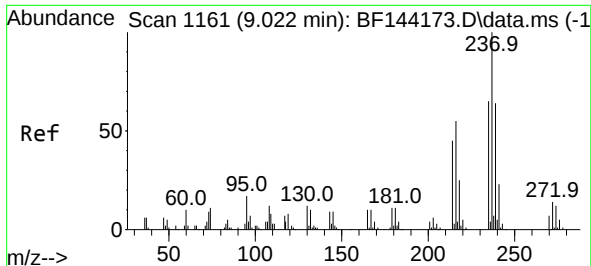
216 100

214 78.5 63.4 95.2

179 19.0 15.0 22.4

108 15.5 10.5 15.7

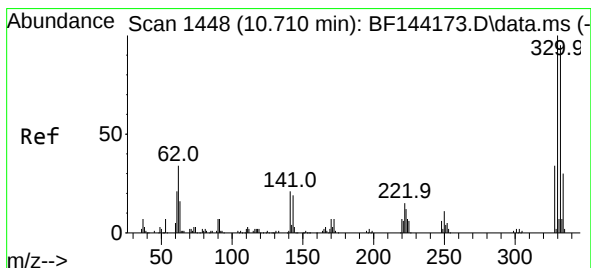
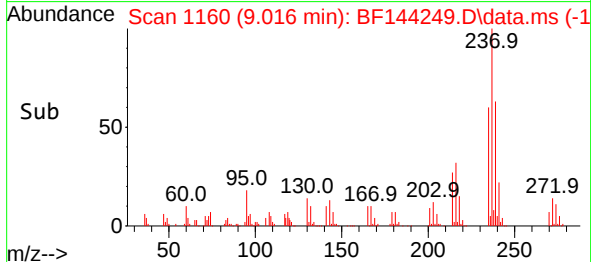
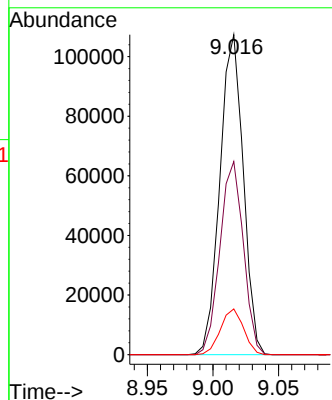
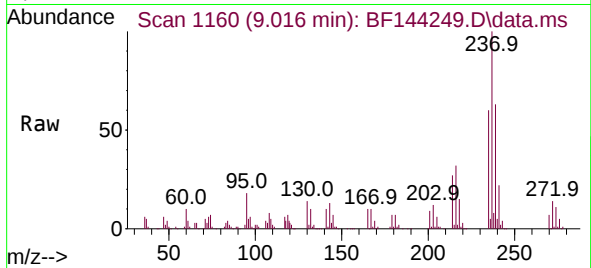




#41
Hexachlorocyclopentadiene
Concen: 87.324 ng
RT: 9.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

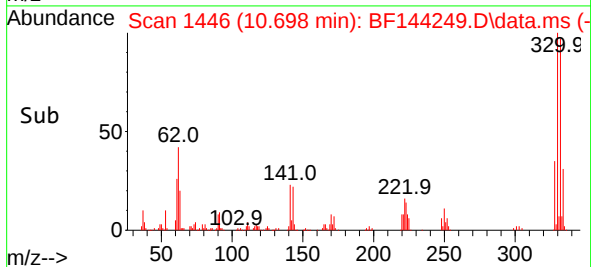
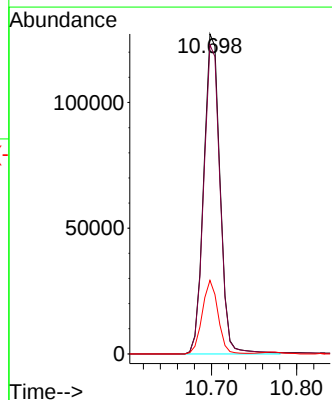
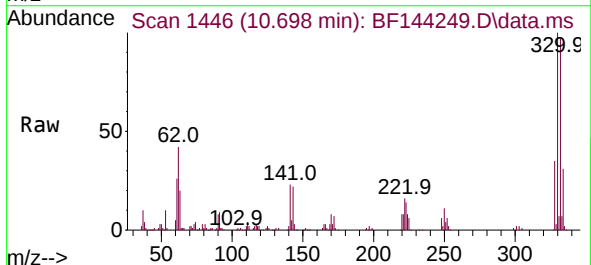
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

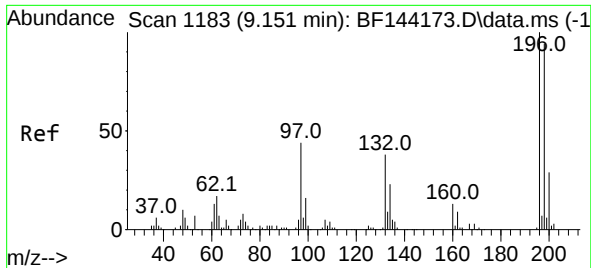
Tgt Ion:237 Resp: 133196
Ion Ratio Lower Upper
237 100
235 60.3 45.5 85.5
272 14.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 117.353 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

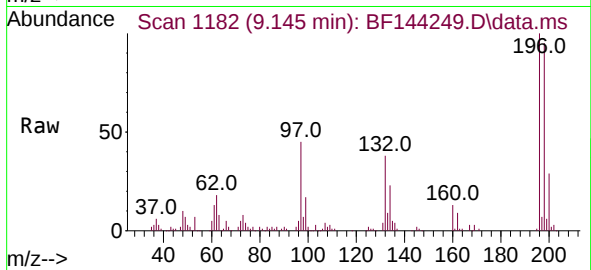
Tgt Ion:330 Resp: 169299
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 22.2 17.8 26.8



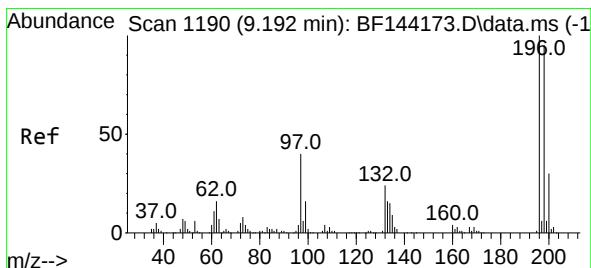
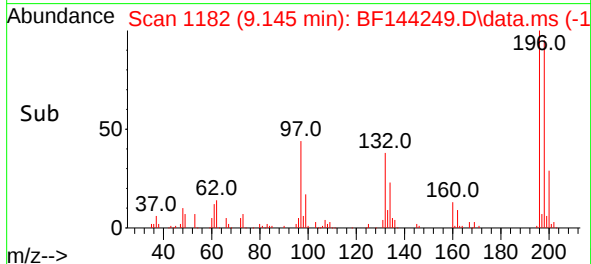
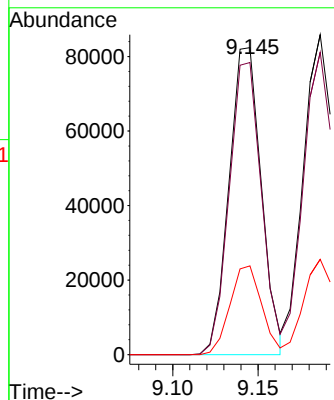


#43
2,4,6-Trichlorophenol
Concen: 42.221 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

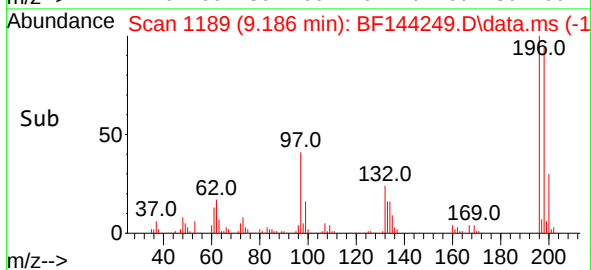
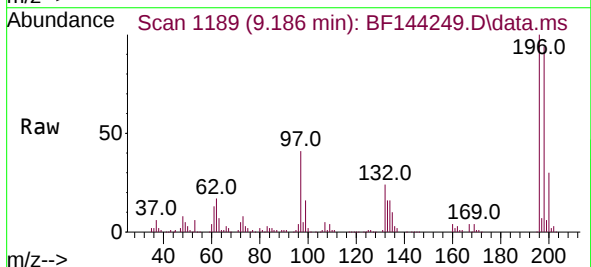
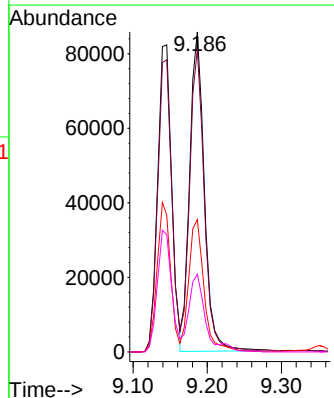


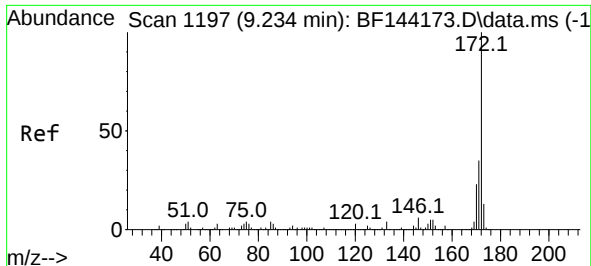
Tgt Ion:196 Resp: 108270
Ion Ratio Lower Upper
196 100
198 95.2 75.3 112.9
200 28.9 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 42.778 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:196 Resp: 118229
Ion Ratio Lower Upper
196 100
198 94.5 76.1 114.1
97 41.3 31.9 47.9
132 24.2 19.4 29.2

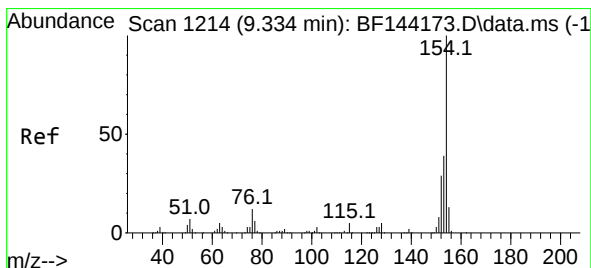
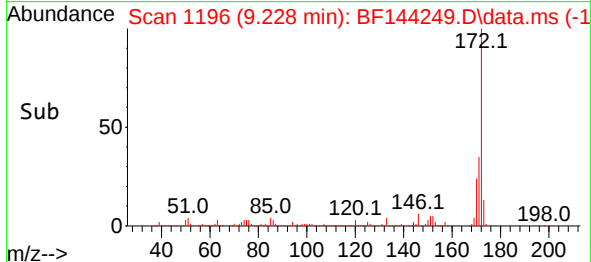
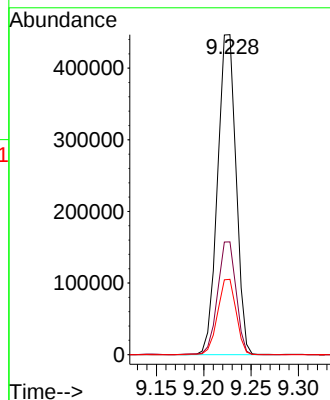
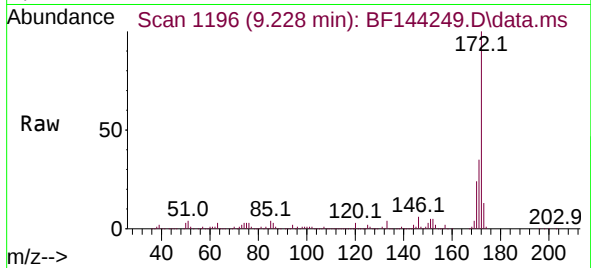




#45
2-Fluorobiphenyl
Concen: 77.747 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

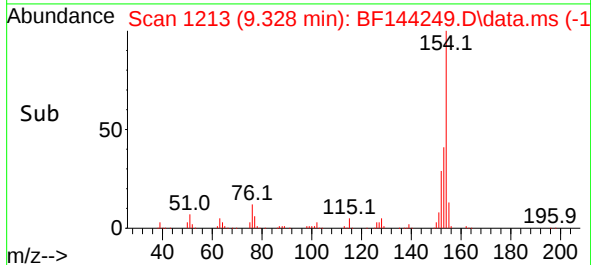
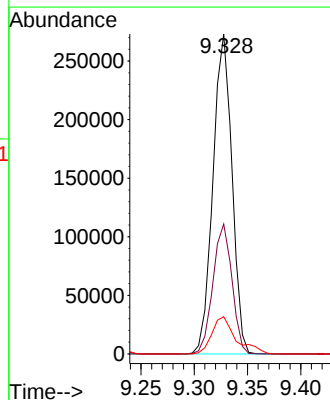
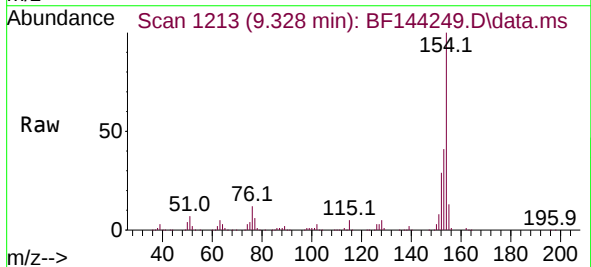
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

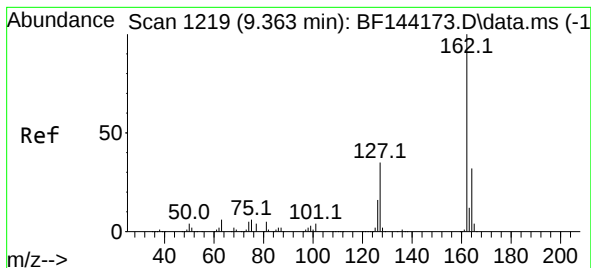
Tgt Ion:172 Resp: 605177
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.311 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:154 Resp: 339534
Ion Ratio Lower Upper
154 100
153 40.6 19.2 59.2
76 11.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.713 ng

RT: 9.351 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

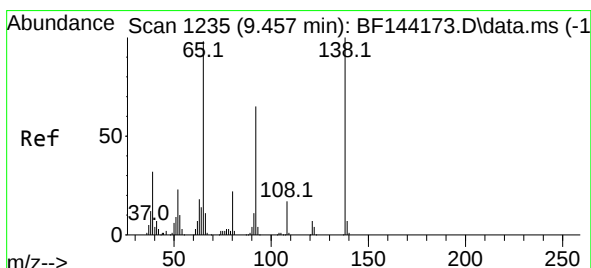
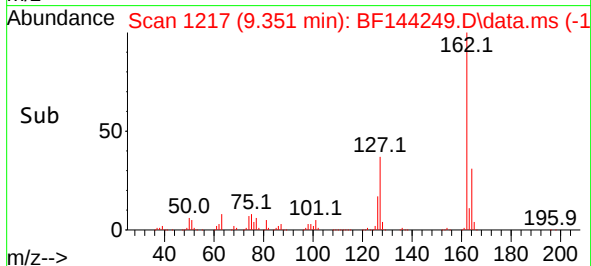
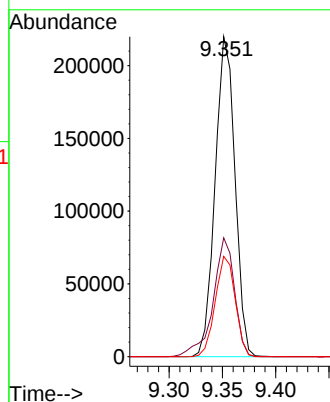
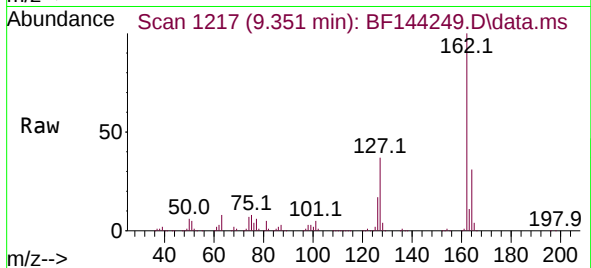
Tgt Ion:162 Resp: 285534

Ion Ratio Lower Upper

162 100

127 37.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 46.295 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

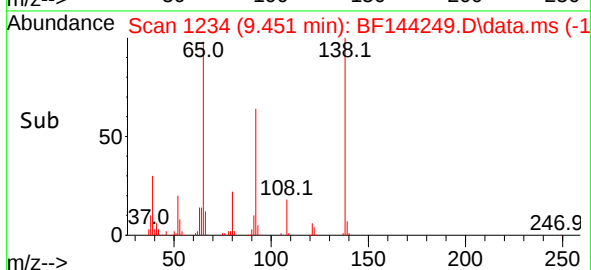
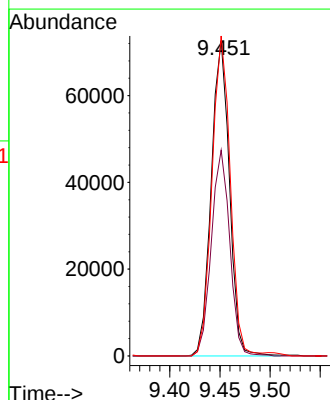
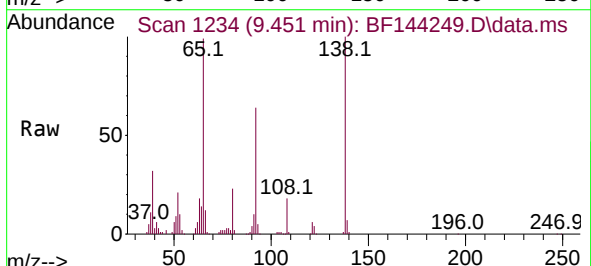
Tgt Ion: 65 Resp: 91436

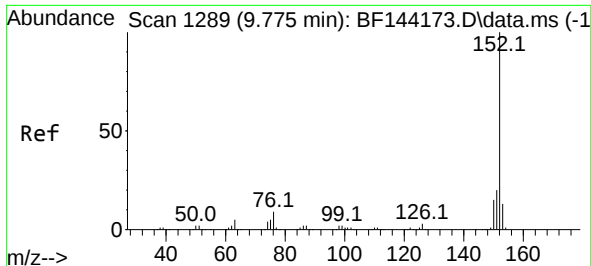
Ion Ratio Lower Upper

65 100

92 65.2 53.0 79.6

138 101.5 81.6 122.4

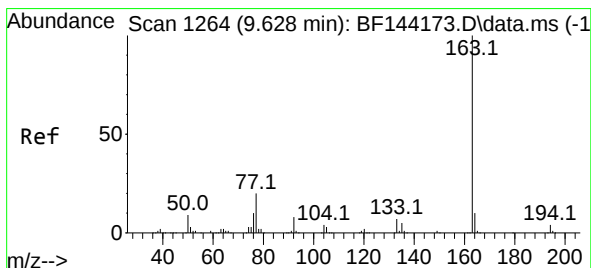
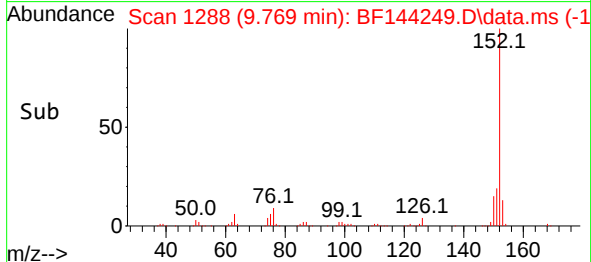
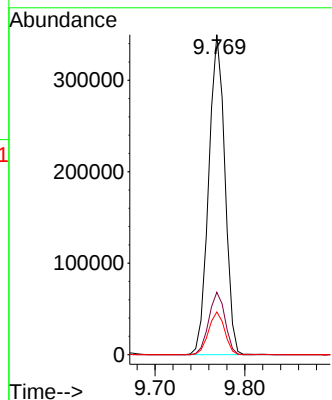
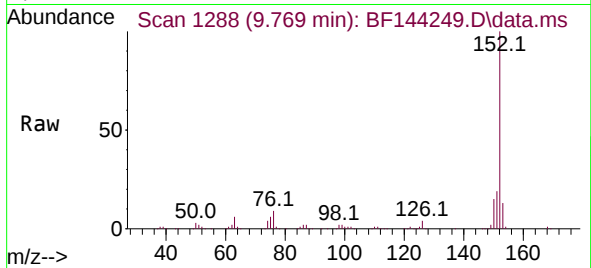




#49
Acenaphthylene
Concen: 47.244 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

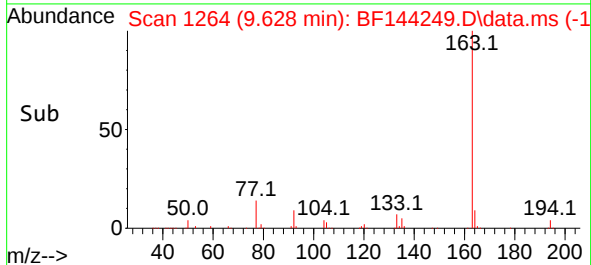
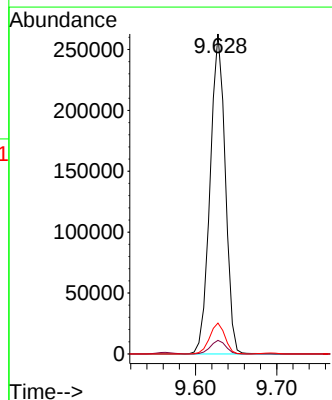
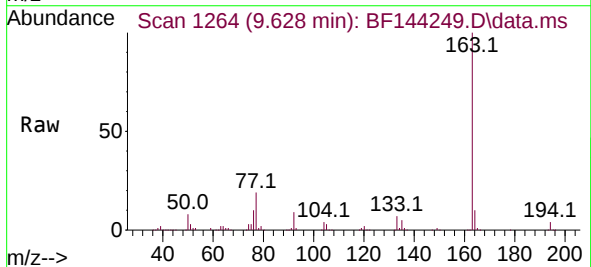
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

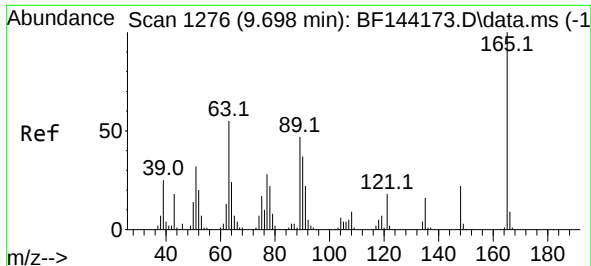
Tgt Ion:152 Resp: 440703
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 44.802 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

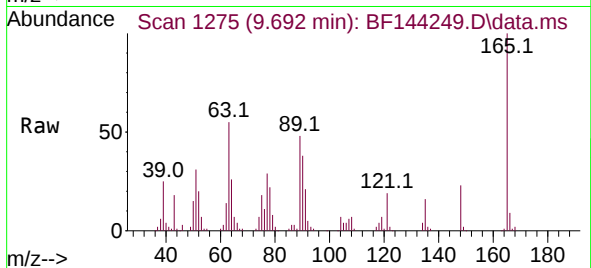
Tgt Ion:163 Resp: 341215
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.1 12.1



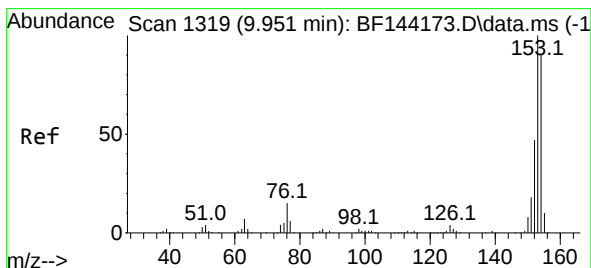
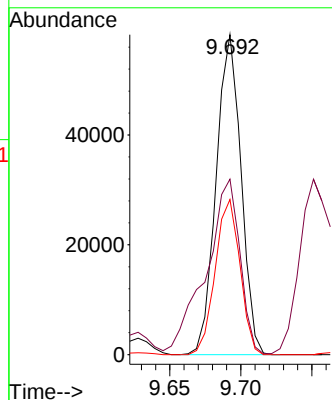
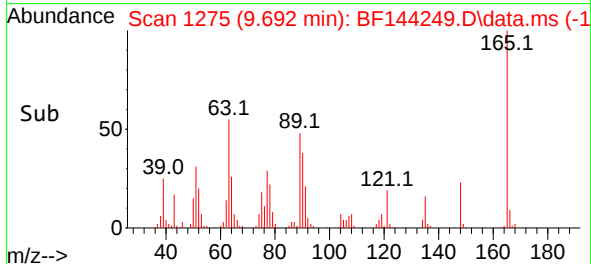


#51
2,6-Dinitrotoluene
Concen: 46.134 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

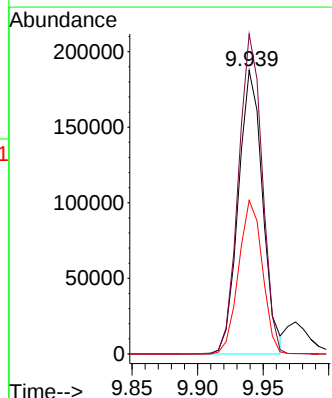
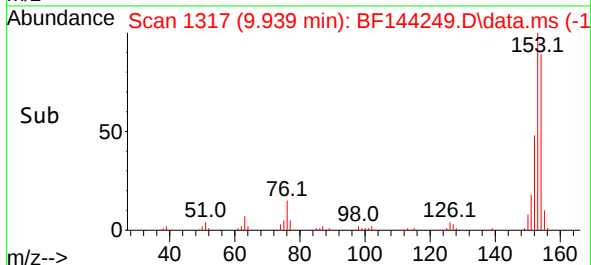
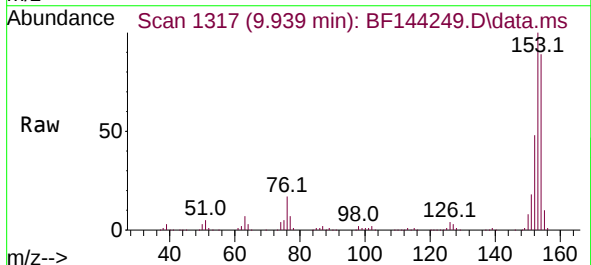


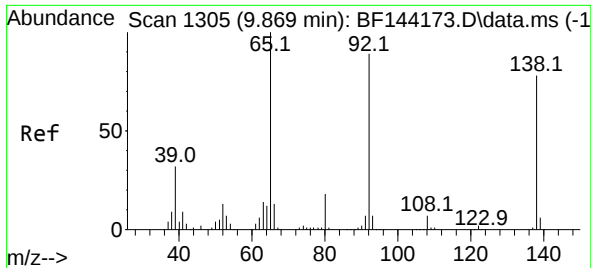
Tgt Ion:165 Resp: 71126
Ion Ratio Lower Upper
165 100
63 54.8 43.8 65.8
89 48.5 37.5 56.3



#52
Acenaphthene
Concen: 38.704 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:154 Resp: 241433
Ion Ratio Lower Upper
154 100
153 112.9 89.0 133.4
152 54.2 42.2 63.4





#53

3-Nitroaniline

Concen: 14.332 ng

RT: 9.863 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

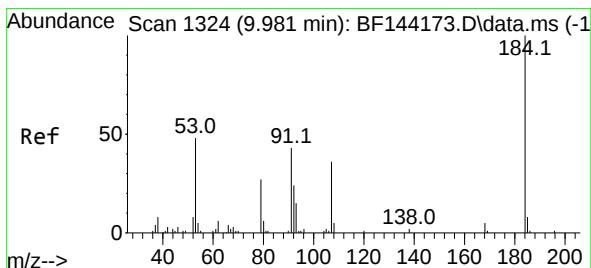
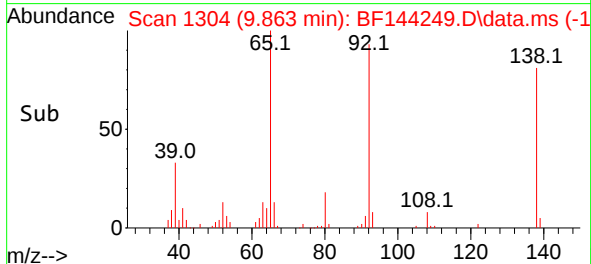
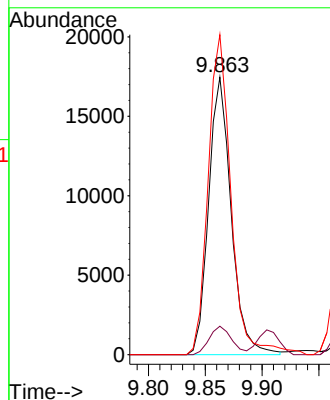
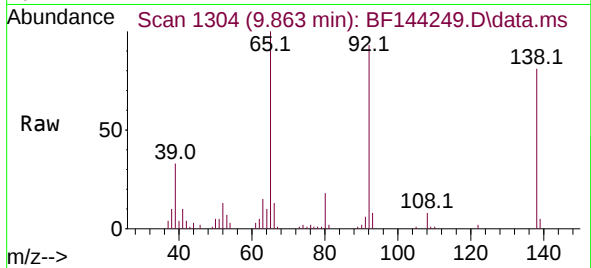
Tgt Ion:138 Resp: 24154

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 67.661 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

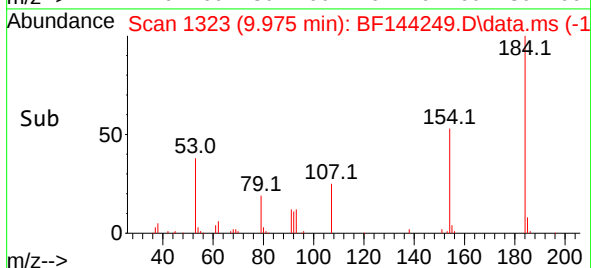
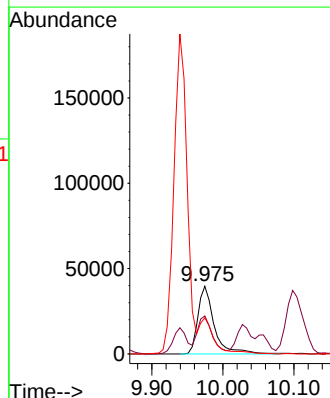
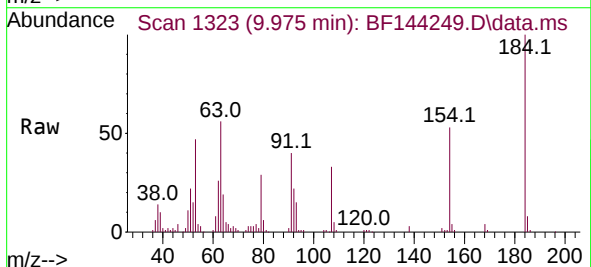
Tgt Ion:184 Resp: 62991

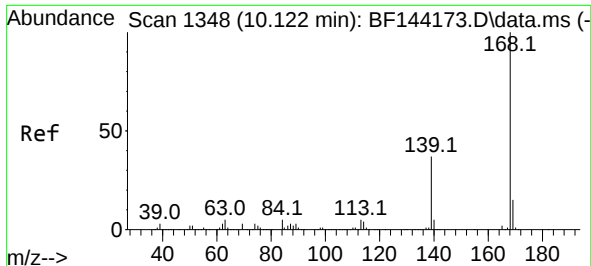
Ion Ratio Lower Upper

184 100

63 56.2 44.0 66.0

154 53.4 42.4 63.6

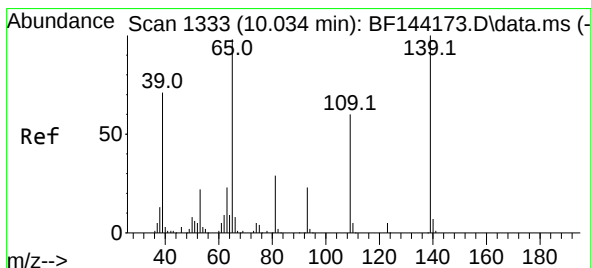
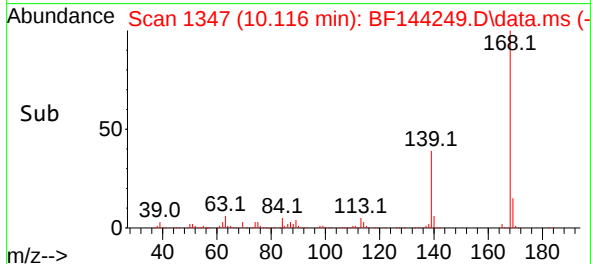
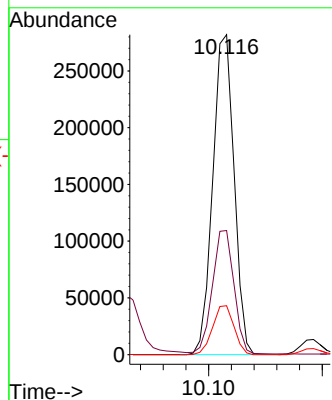
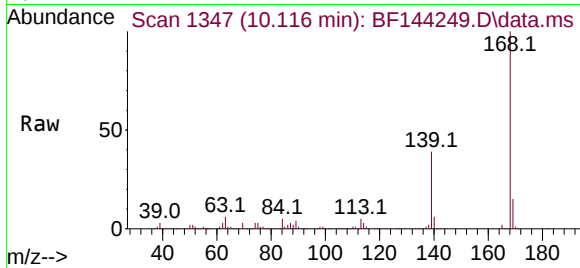




#55
Dibenzenofuran
Concen: 42.039 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

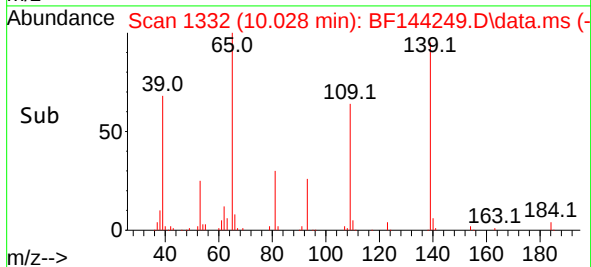
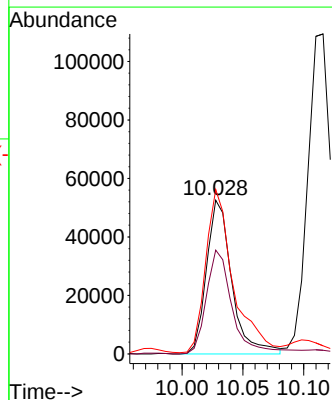
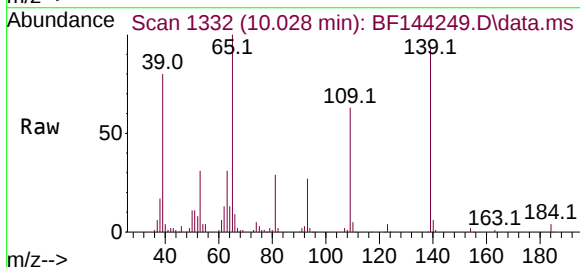
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

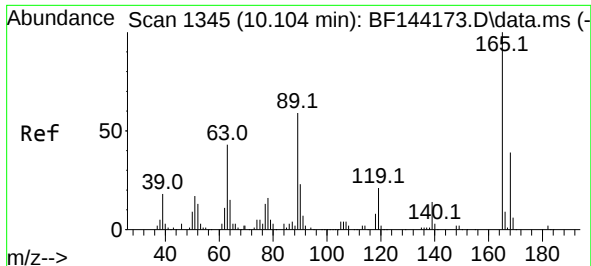
Tgt Ion:168 Resp: 367274
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 15.3 12.2 18.4



#56
4-Nitrophenol
Concen: 62.296 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:139 Resp: 75947
Ion Ratio Lower Upper
139 100
109 67.5 39.9 79.9
65 107.0 79.5 119.5

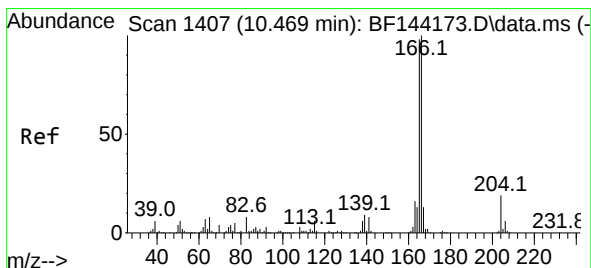
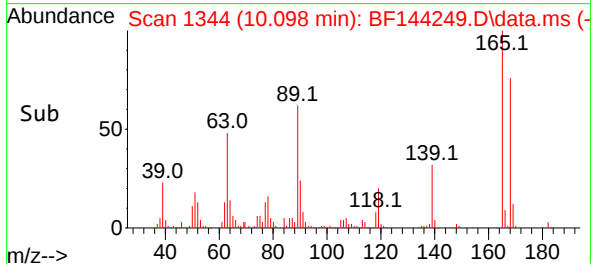
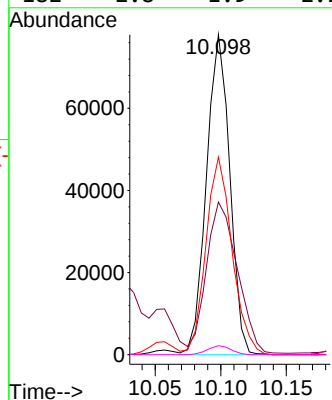
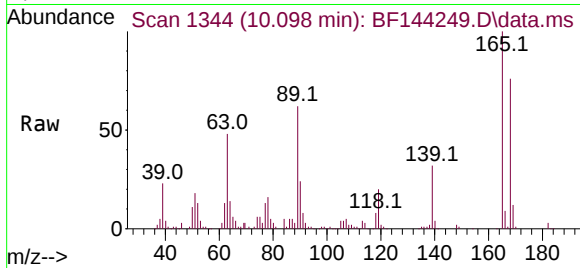




#57
2,4-Dinitrotoluene
Concen: 46.684 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

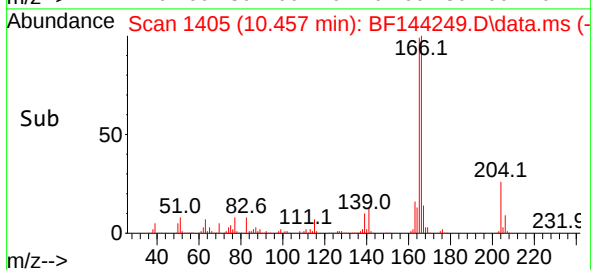
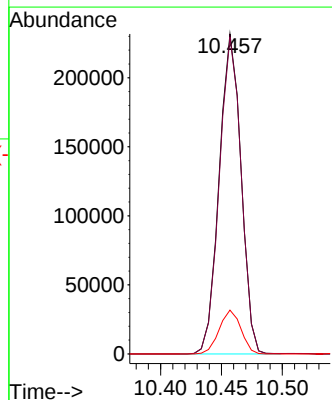
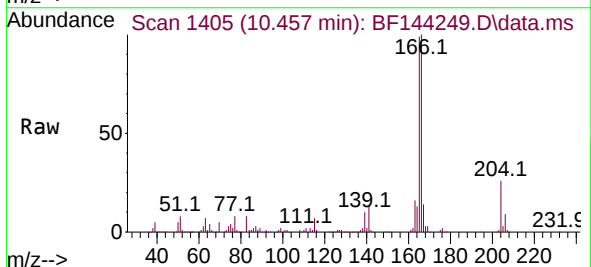
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

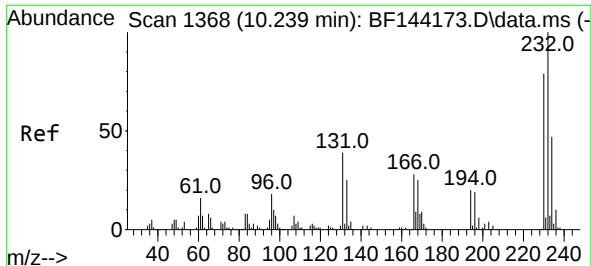
Tgt Ion:	165	Resp:	96352
Ion Ratio	Lower	Upper	
165	100		
63	47.7	35.5	53.3
89	61.7	47.4	71.2
182	2.8	1.9	2.9



#58
Fluorene
Concen: 43.480 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:	166	Resp:	288810
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.6	118.0
167	13.7	10.4	15.6

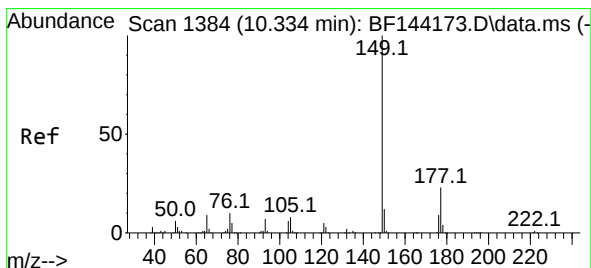
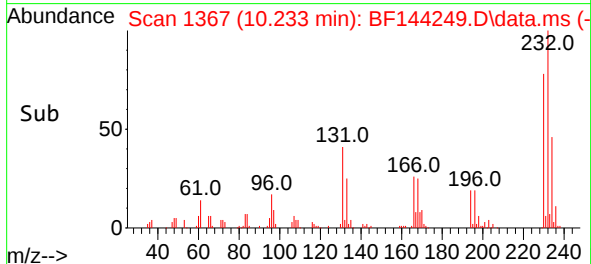
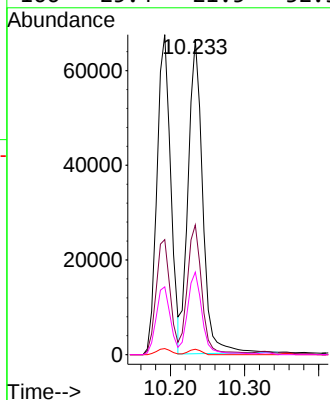
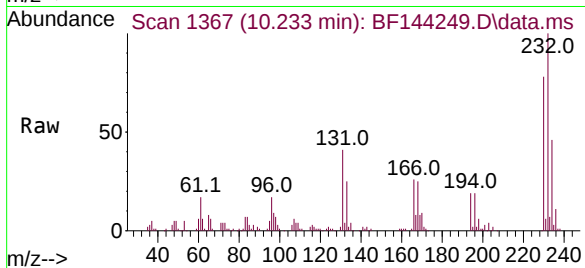




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.365 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

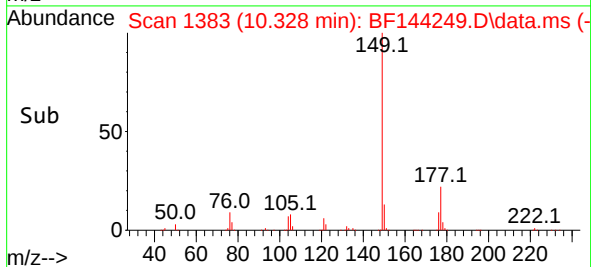
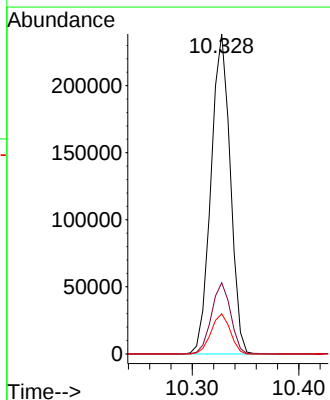
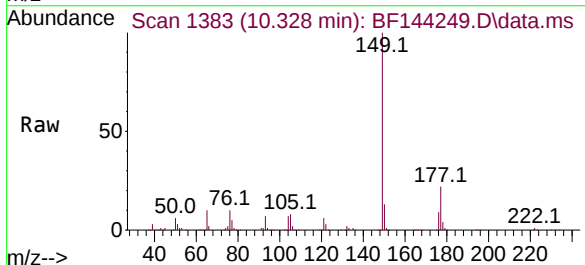
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

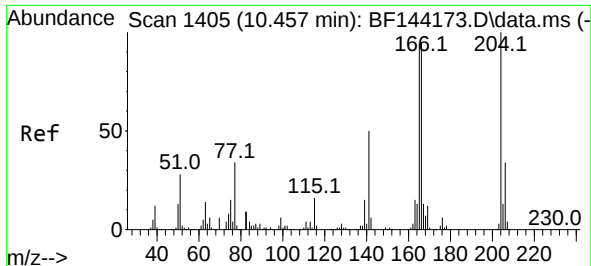
Tgt Ion:232 Resp: 90662
Ion Ratio Lower Upper
232 100
131 39.8 30.3 45.5
130 1.6 1.2 1.8
166 25.4 21.5 32.3



#60
Diethylphthalate
Concen: 42.695 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:149 Resp: 299753
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.5 9.8 14.6

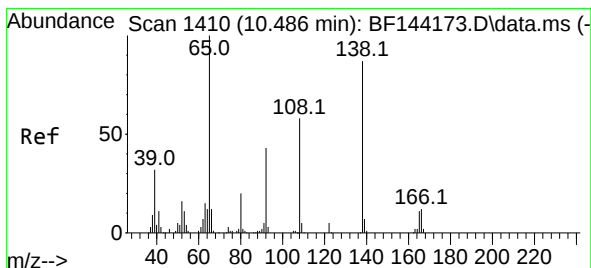
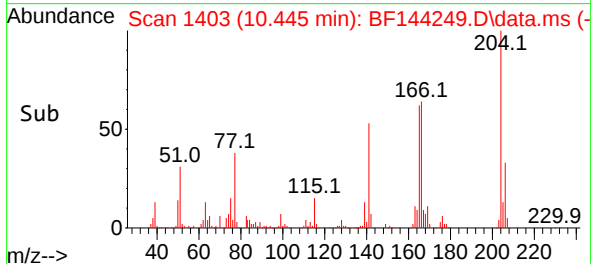
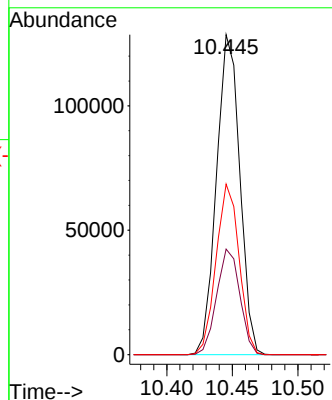
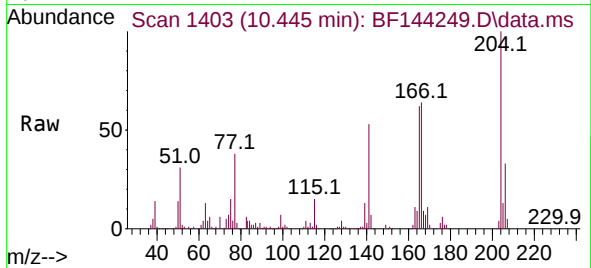




#61
4-Chlorophenyl-phenylether
Concen: 42.078 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

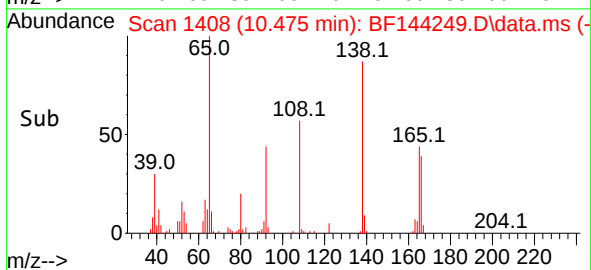
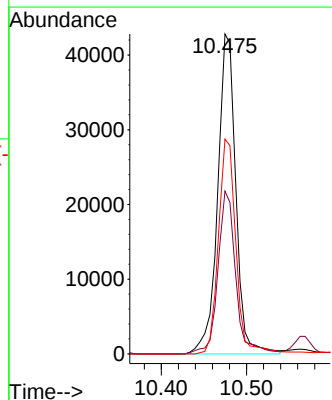
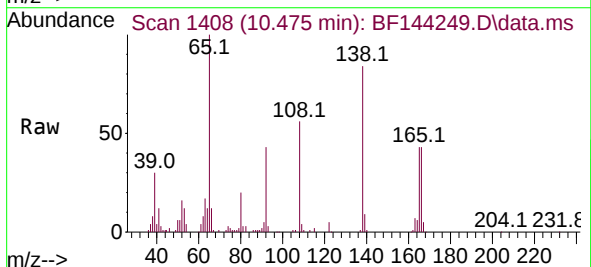
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

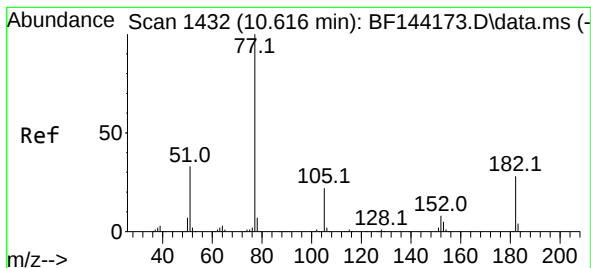
Tgt Ion:204 Resp: 159207
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.2
141 53.3 40.0 60.0



#62
4-Nitroaniline
Concen: 39.526 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:138 Resp: 63439
Ion Ratio Lower Upper
138 100
92 50.8 29.4 69.4
108 67.1 46.4 86.4





#63

Azobenzene

Concen: 46.162 ng

RT: 10.610 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

Tgt Ion: 77 Resp: 301626

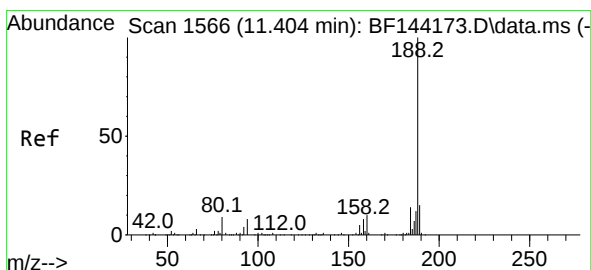
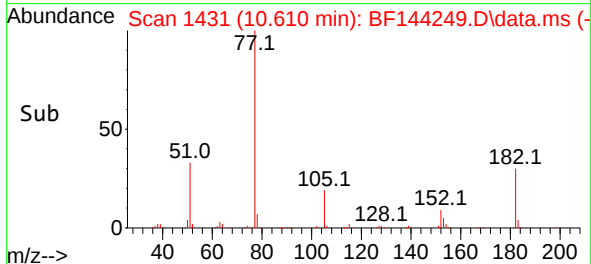
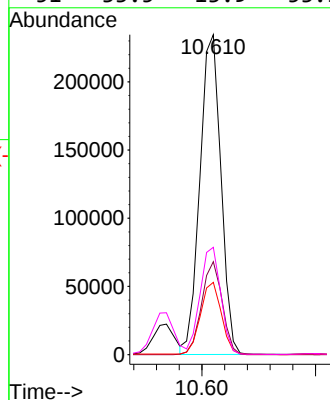
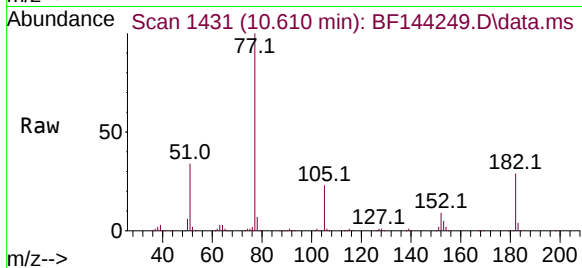
Ion Ratio Lower Upper

77 100

182 29.0 8.1 48.1

105 22.6 2.0 42.0

51 33.5 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

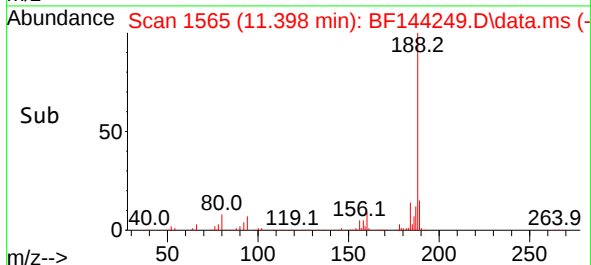
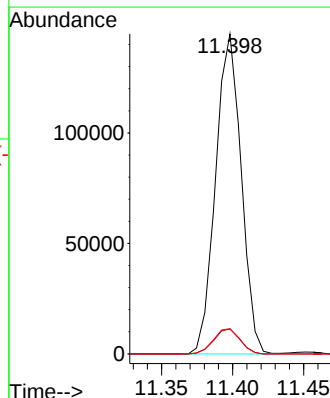
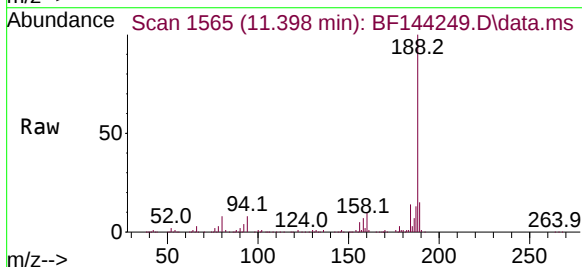
Tgt Ion:188 Resp: 181496

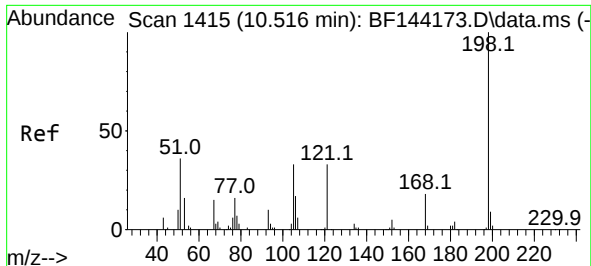
Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

80 7.9 6.9 10.3

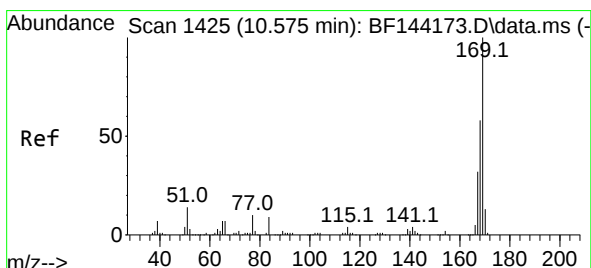
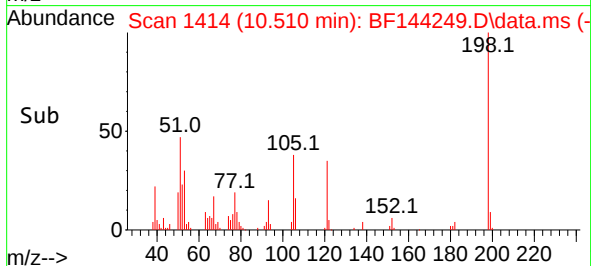
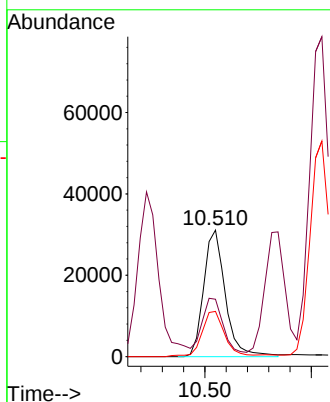
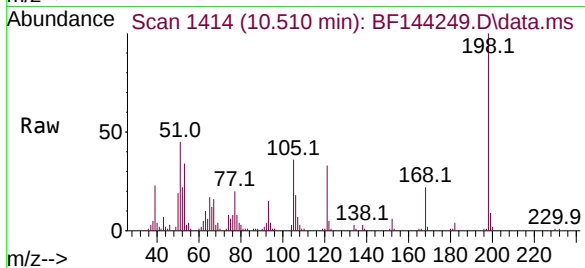




#65
4,6-Dinitro-2-methylphenol
Concen: 35.481 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

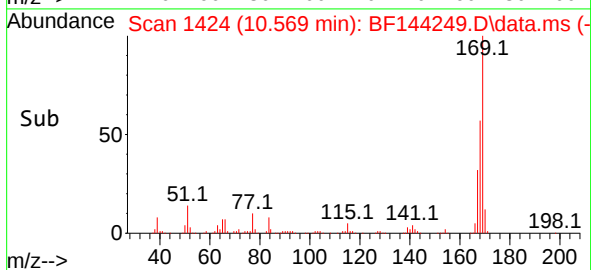
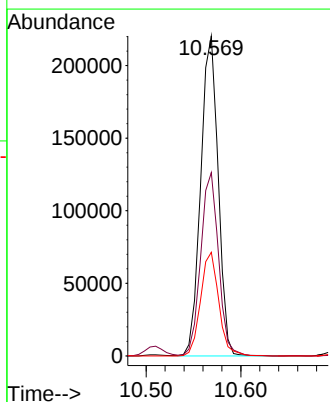
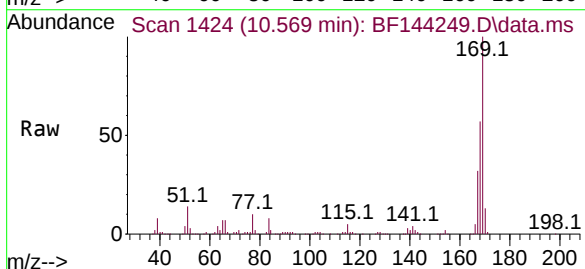
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

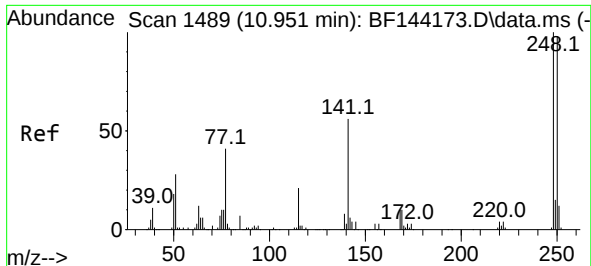
Tgt Ion:198 Resp: 43747
Ion Ratio Lower Upper
198 100
51 45.3 25.6 65.6
105 35.8 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 48.375 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:169 Resp: 282382
Ion Ratio Lower Upper
169 100
168 57.3 46.2 69.2
167 32.4 25.7 38.5

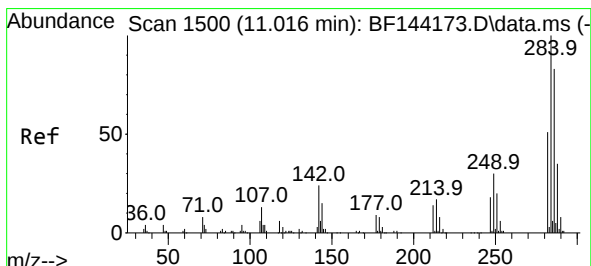
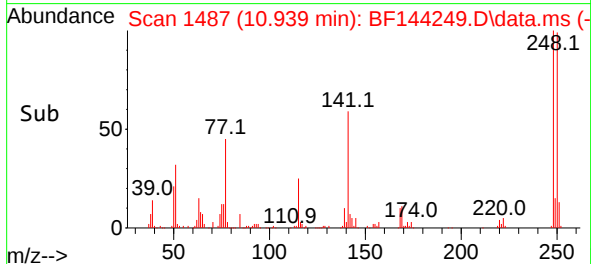
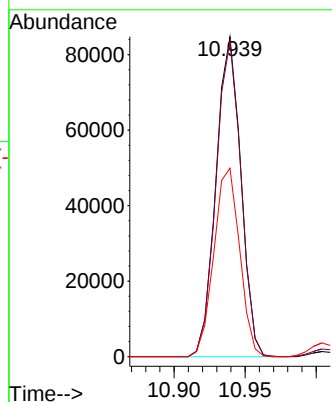
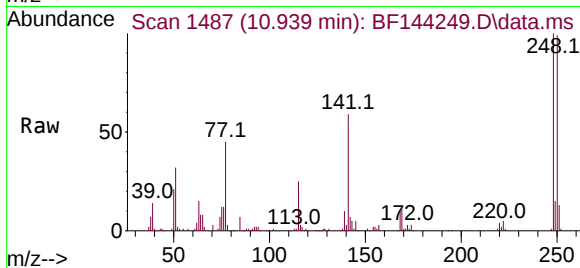




#67
4-Bromophenyl-phenylether
Concen: 44.663 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

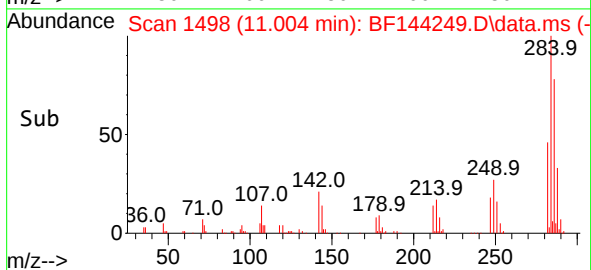
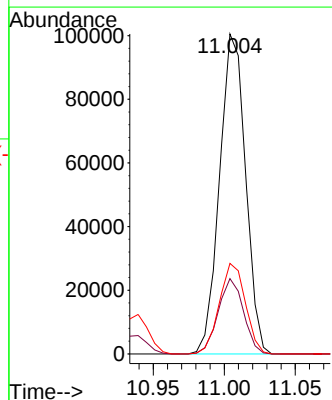
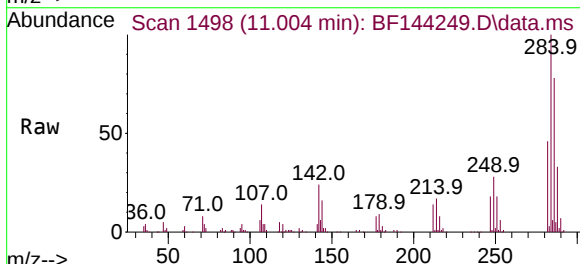
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

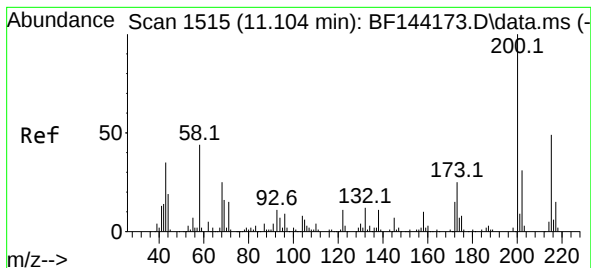
Tgt Ion:248 Resp: 103468
Ion Ratio Lower Upper
248 100
250 98.6 78.4 117.6
141 58.9 45.1 67.7



#68
Hexachlorobenzene
Concen: 46.901 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:284 Resp: 127977
Ion Ratio Lower Upper
284 100
142 23.5 19.2 28.8
249 28.3 23.8 35.8





#69

Atrazine

Concen: 45.547 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

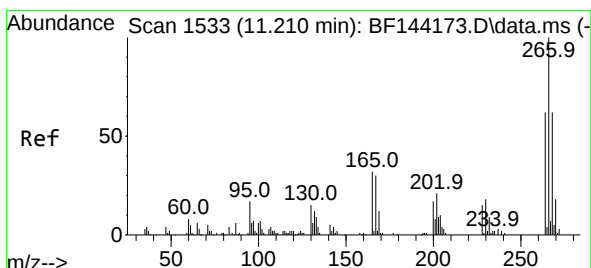
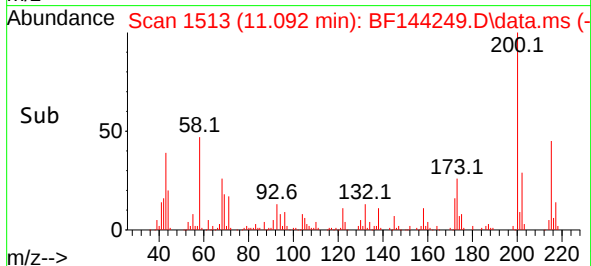
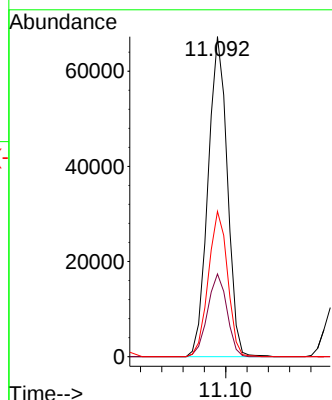
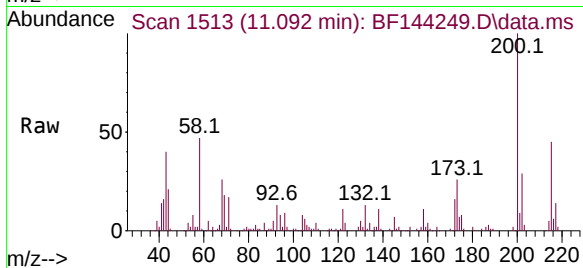
Tgt Ion:200 Resp: 84554

Ion Ratio Lower Upper

200 100

173 25.8 5.0 45.0

215 45.4 28.7 68.7



#70

Pentachlorophenol

Concen: 81.487 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

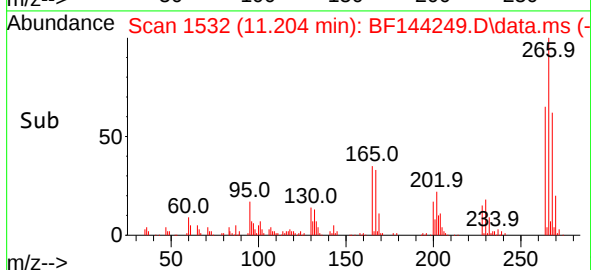
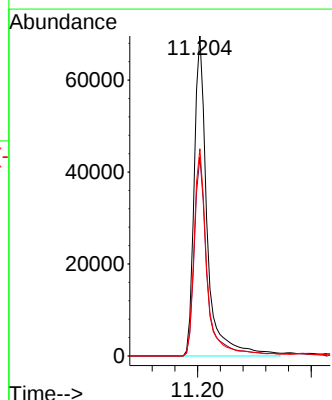
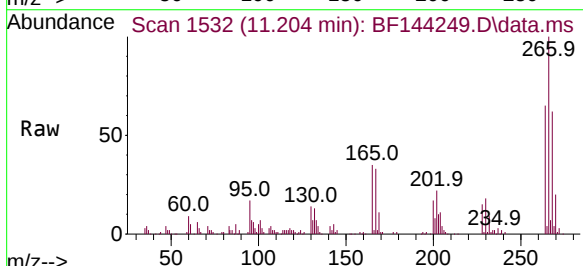
Tgt Ion:266 Resp: 110723

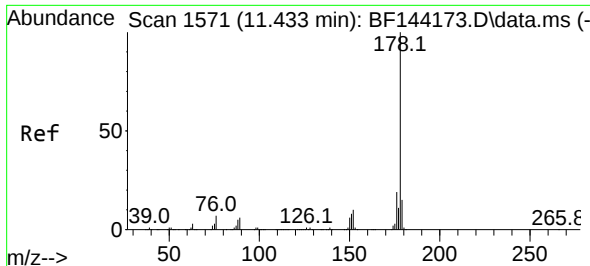
Ion Ratio Lower Upper

266 100

268 62.2 49.5 74.3

264 64.7 49.4 74.2

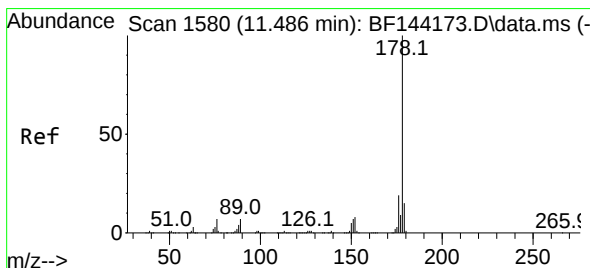
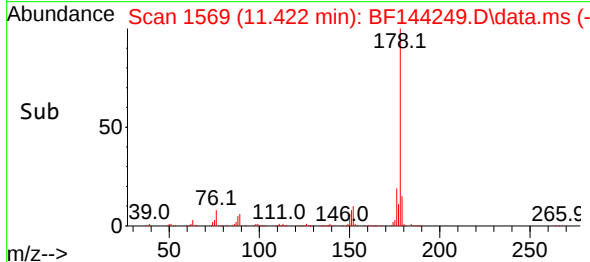
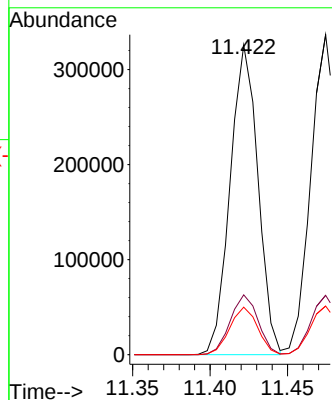
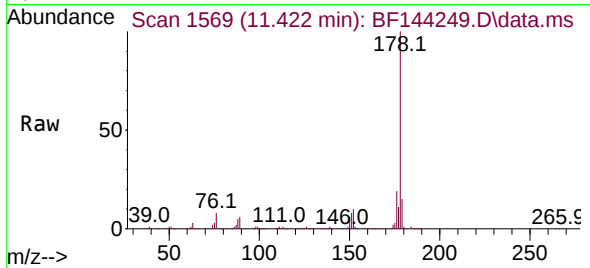




#71
Phenanthrene
Concen: 45.152 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

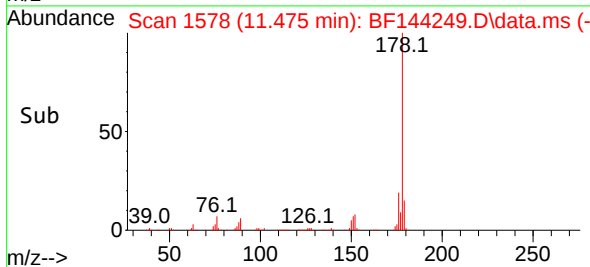
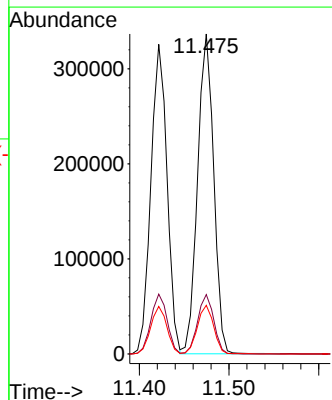
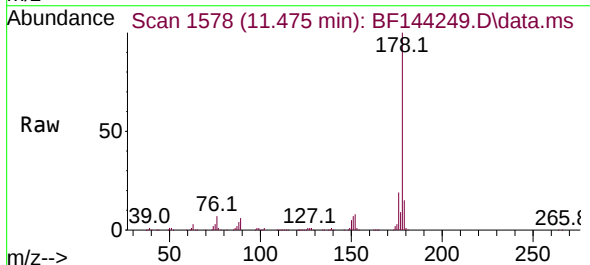
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

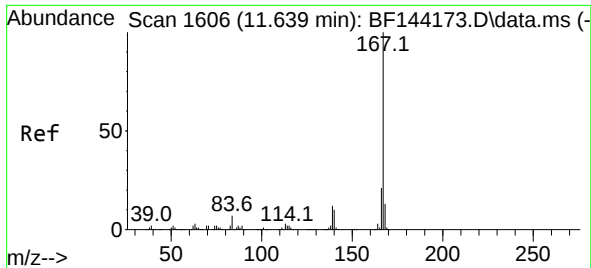
Tgt Ion:178 Resp: 408012
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 45.724 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:178 Resp: 420136
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 12.0 18.0

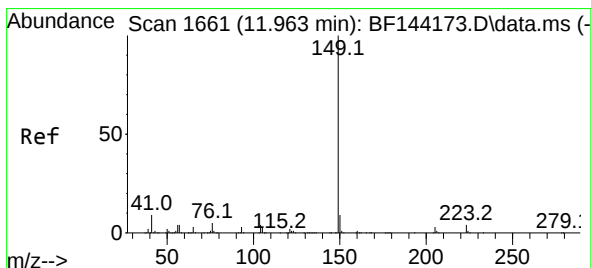
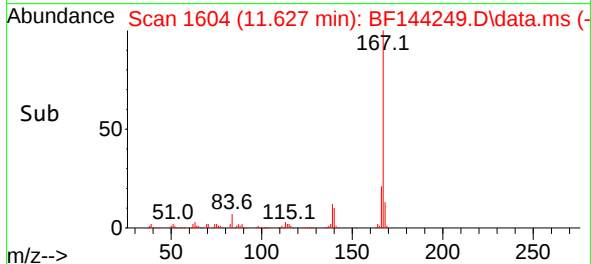
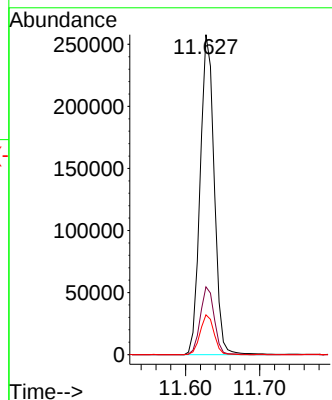
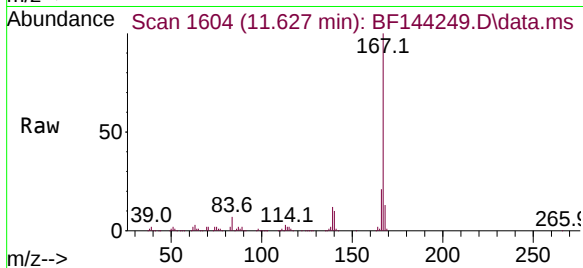




#73
 Carbazole
 Concen: 43.309 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

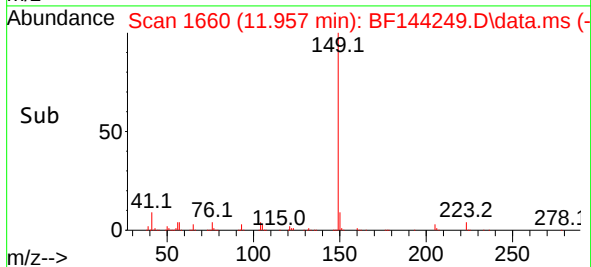
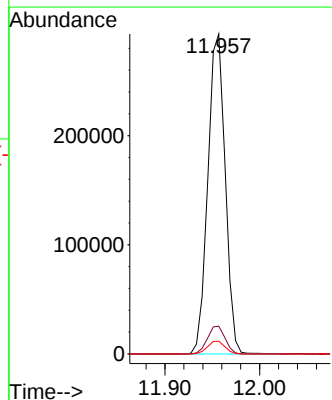
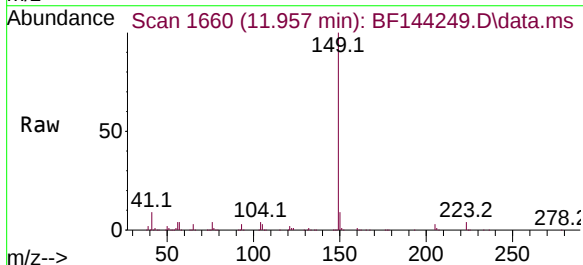
Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MS

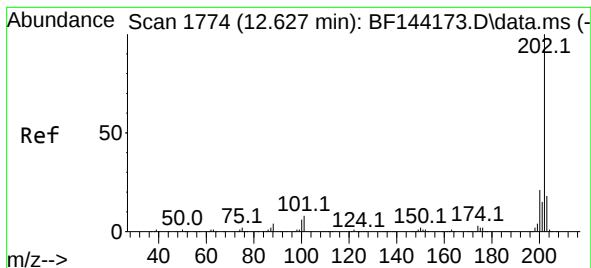
Tgt Ion:167	Resp: 338386		
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.4	9.9	14.9



#74
 Di-n-butylphthalate
 Concen: 39.610 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

Tgt Ion:149	Resp: 374136
Ion Ratio	Lower Upper
149 100	
150 8.7	7.4 11.0
104 4.0	3.4 5.2





#75

Fluoranthene

Concen: 39.766 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

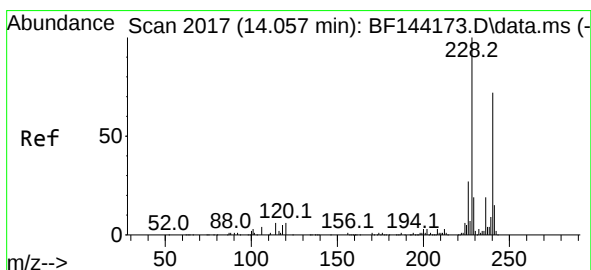
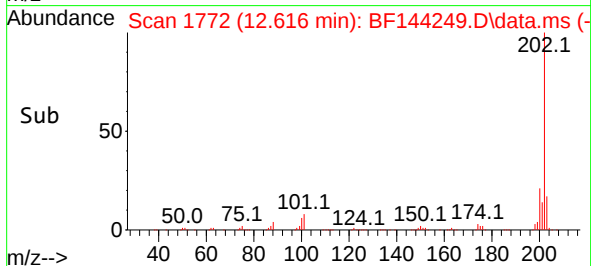
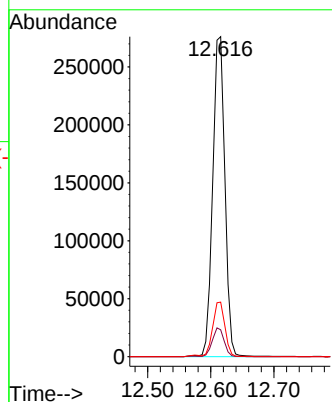
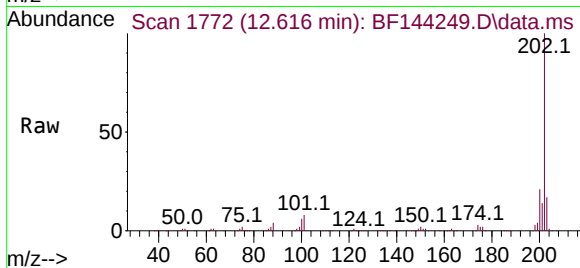
Tgt Ion:202 Resp: 371201

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.9

203 17.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

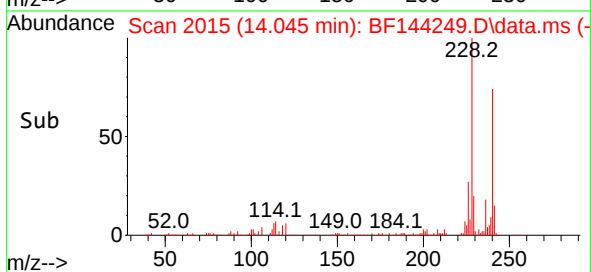
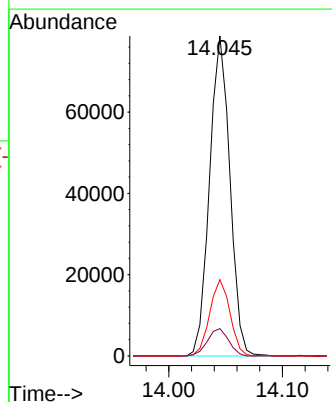
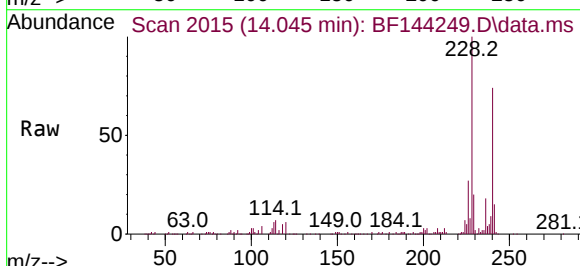
Tgt Ion:240 Resp: 97924

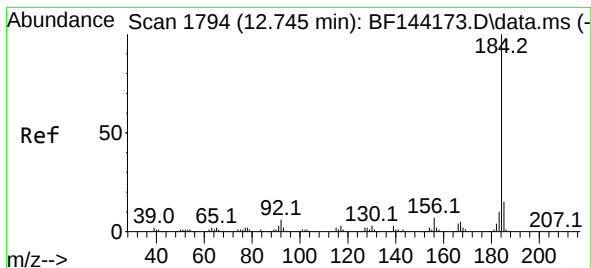
Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 23.8 21.4 32.2





#77

Benzidine

Concen: 15.190 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

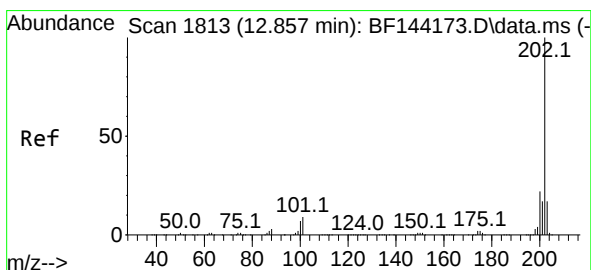
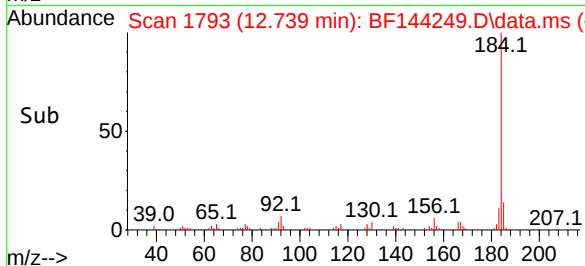
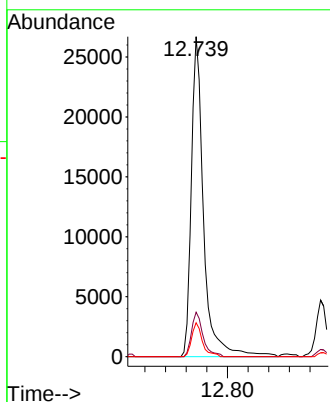
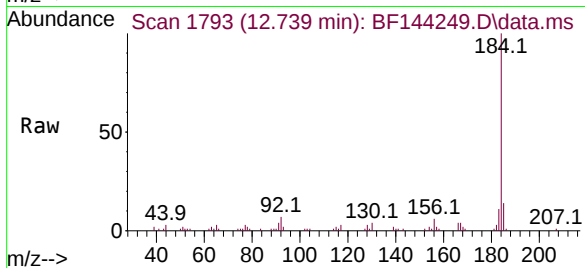
Tgt Ion:184 Resp: 43999

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

183 10.6 8.3 12.5



#78

Pyrene

Concen: 46.414 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

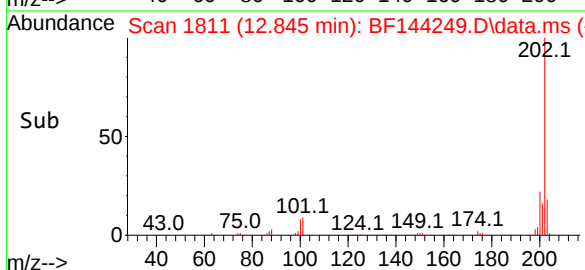
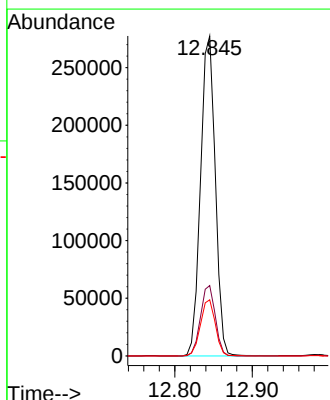
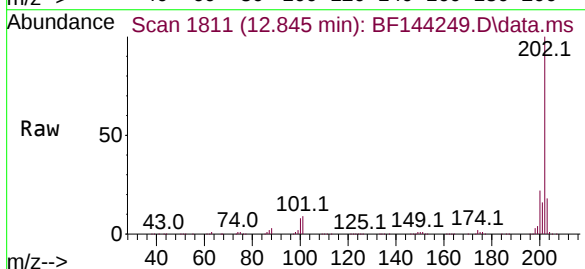
Tgt Ion:202 Resp: 366464

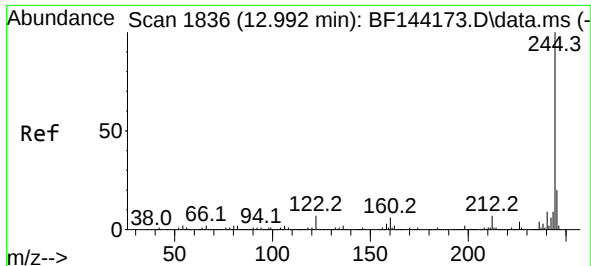
Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

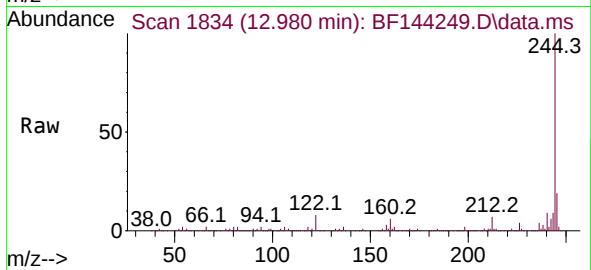
203 17.5 13.7 20.5



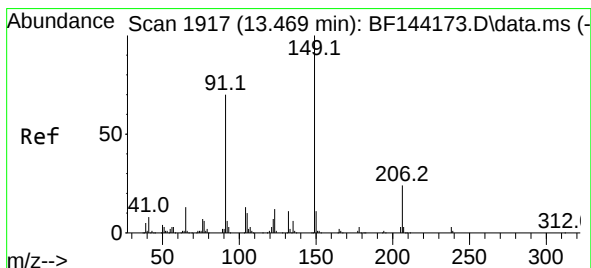
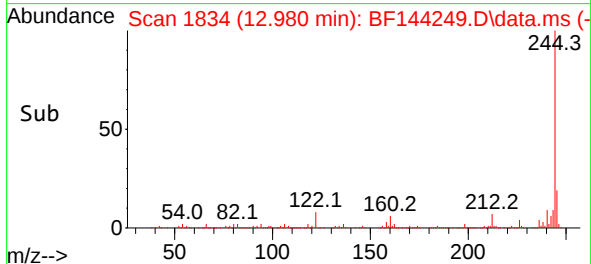
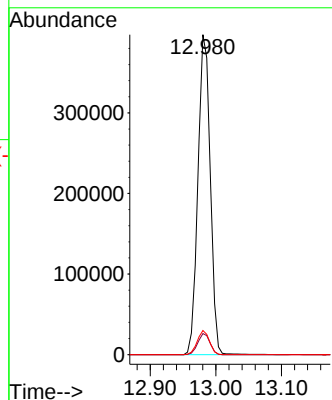


#79
 Terphenyl-d14
 Concen: 83.585 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MS

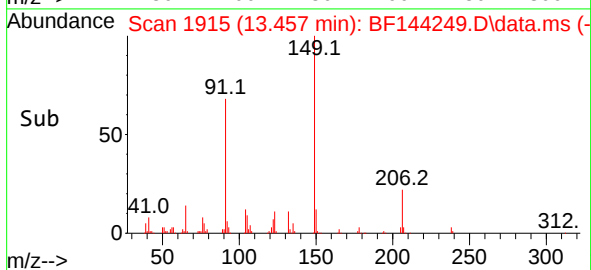
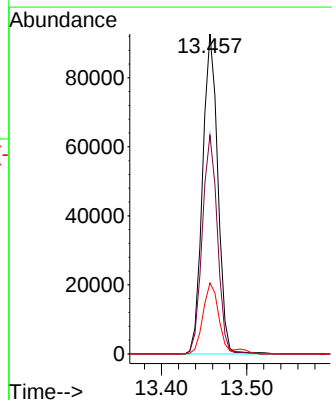
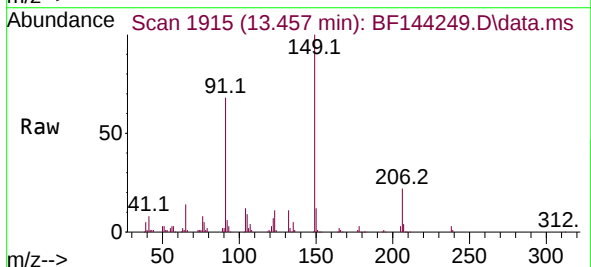


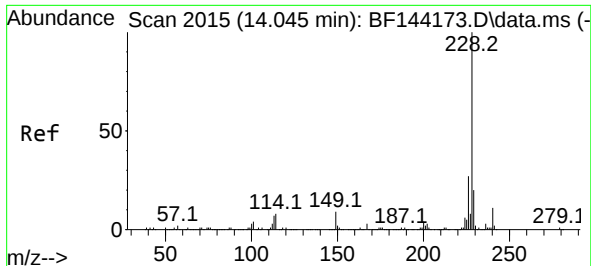
Tgt Ion:244 Resp: 515294
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 7.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 42.072 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144249.D
 Acq: 13 Nov 2025 17:54

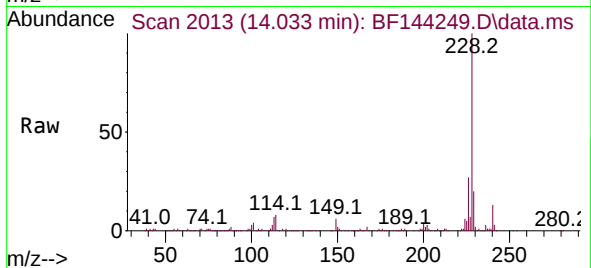
Tgt Ion:149 Resp: 115129
 Ion Ratio Lower Upper
 149 100
 91 68.3 56.1 84.1
 206 22.2 18.8 28.2



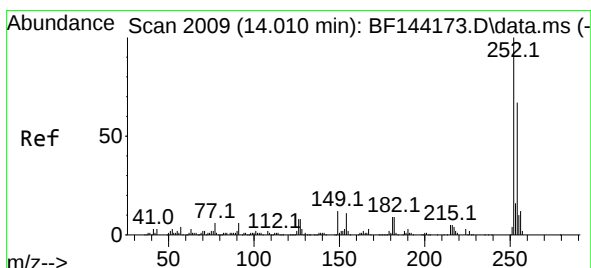
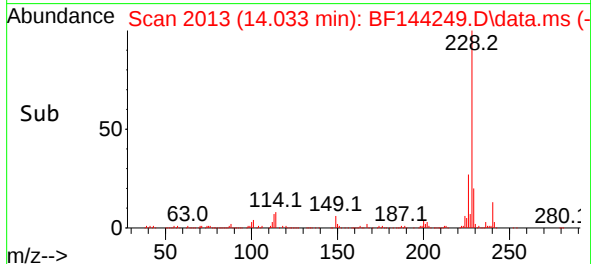
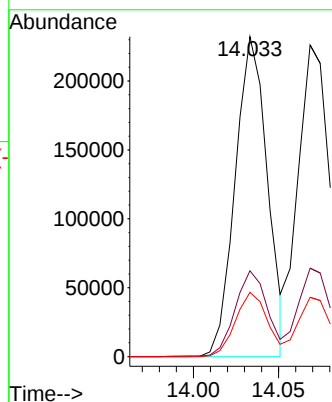


#81
Benzo(a)anthracene
Concen: 44.896 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

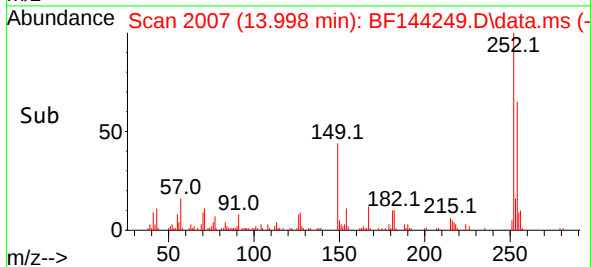
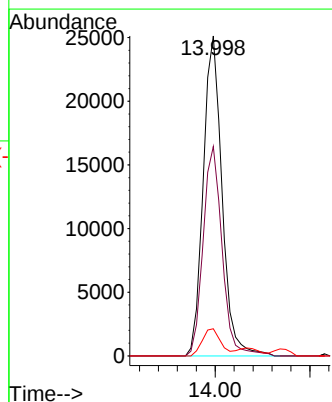
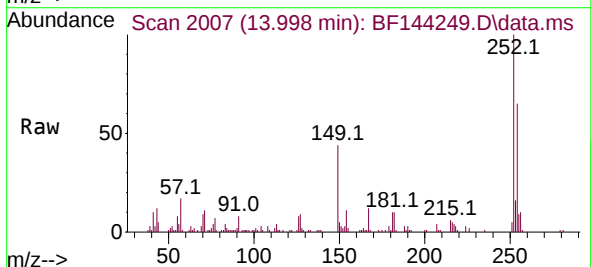


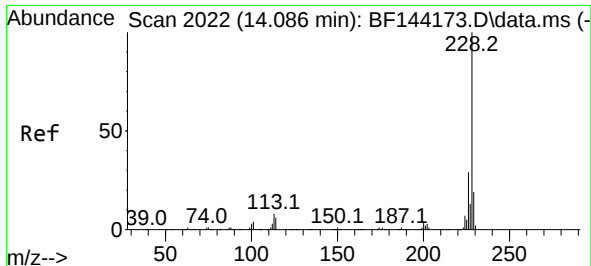
Tgt Ion:228 Resp: 304704
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 14.930 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:252 Resp: 34733
Ion Ratio Lower Upper
252 100
254 65.4 53.5 80.3
126 8.5 6.4 9.6

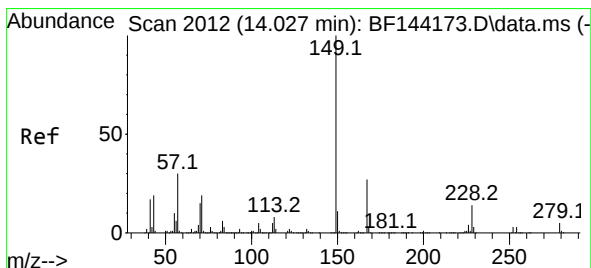
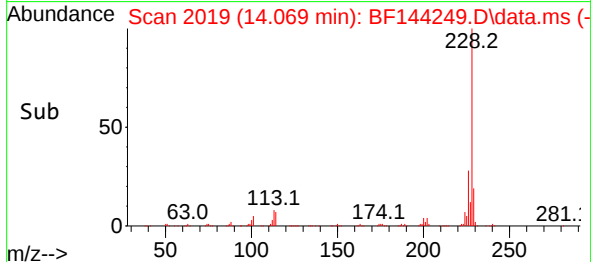
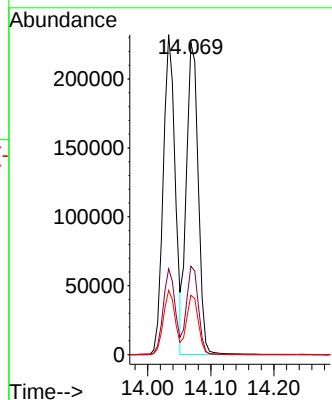
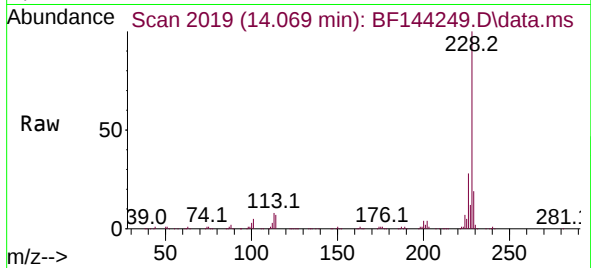




#83
Chrysene
Concen: 46.967 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

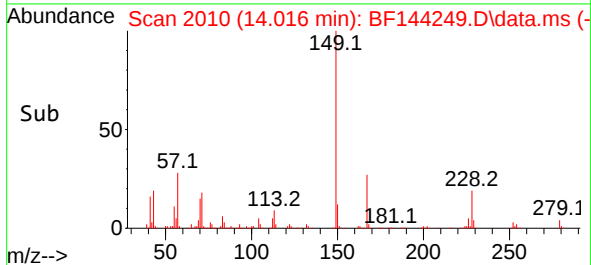
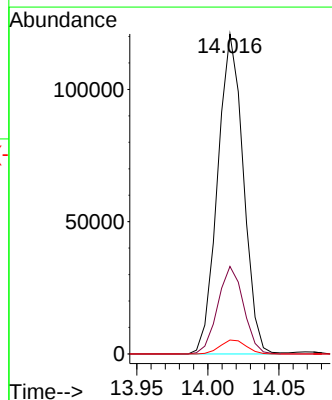
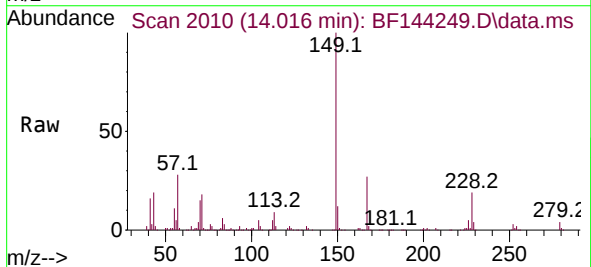
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

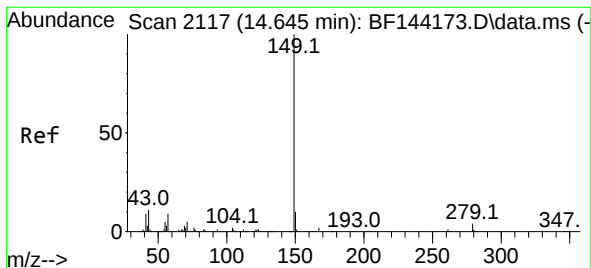
Tgt Ion:228 Resp: 294254
Ion Ratio Lower Upper
228 100
226 28.4 22.9 34.3
229 19.0 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.723 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:149 Resp: 152554
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 45.642 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

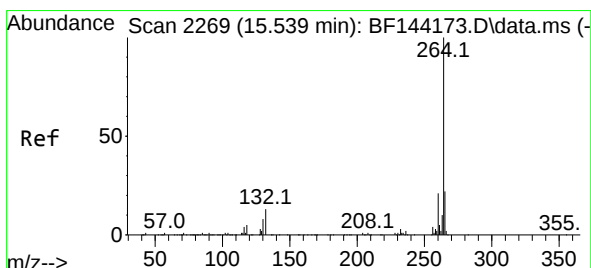
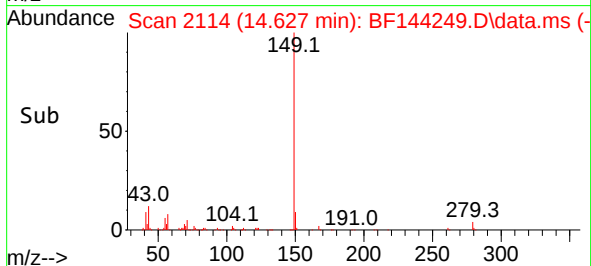
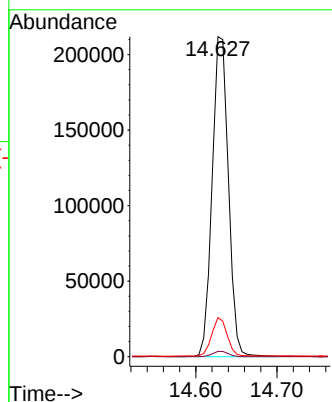
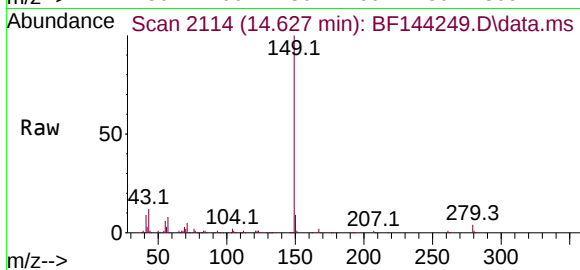
Tgt Ion:149 Resp: 294996

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

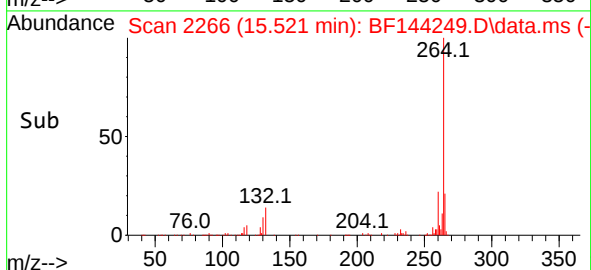
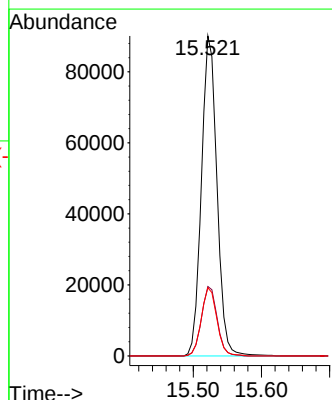
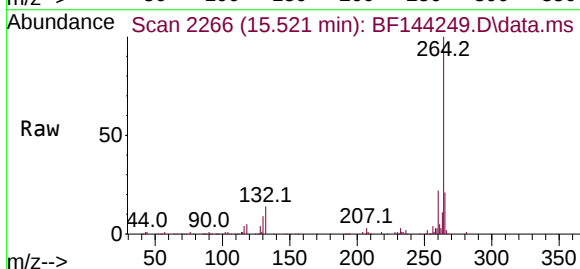
Tgt Ion:264 Resp: 142819

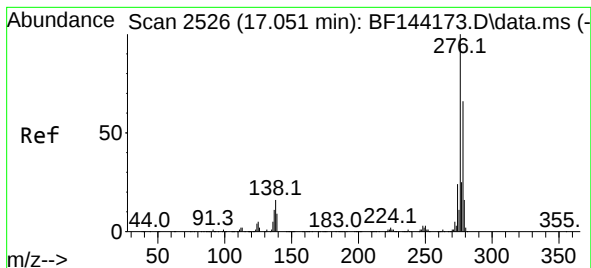
Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.395 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MS

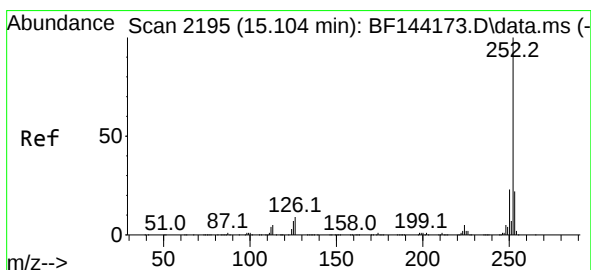
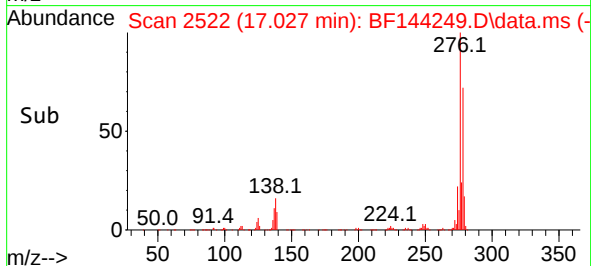
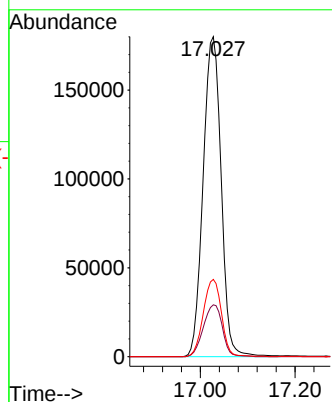
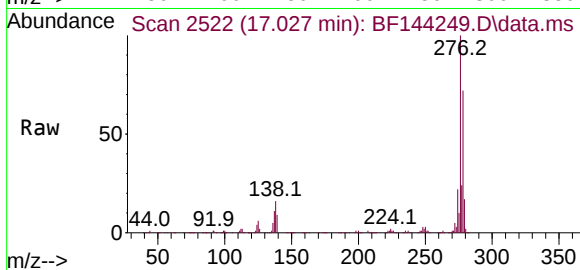
Tgt Ion:276 Resp: 475651

Ion Ratio Lower Upper

276 100

138 17.0 13.9 20.9

277 24.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.137 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144249.D

Acq: 13 Nov 2025 17:54

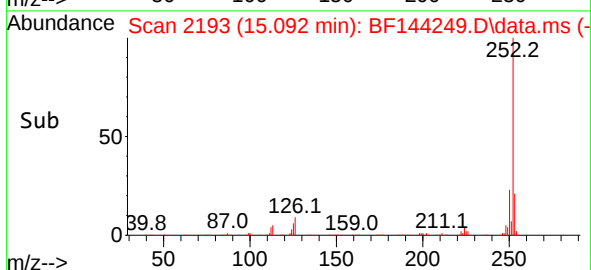
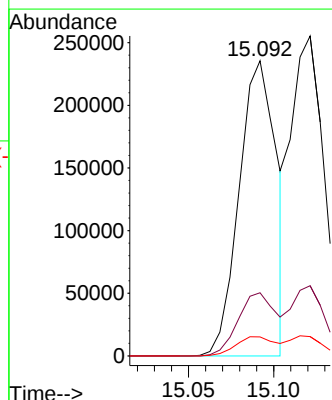
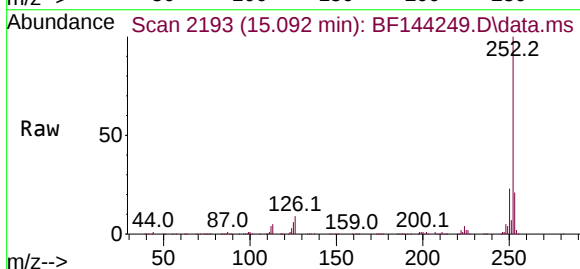
Tgt Ion:252 Resp: 358372

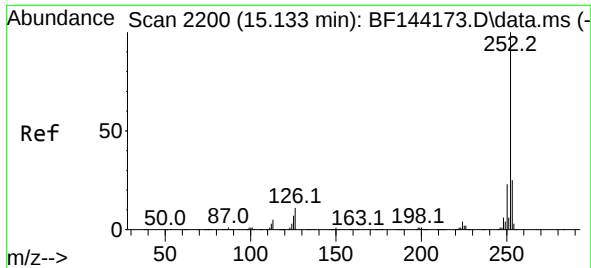
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 6.4 5.3 7.9

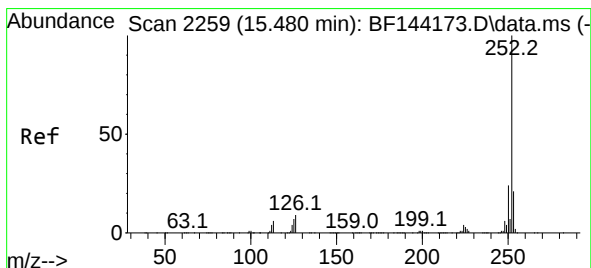
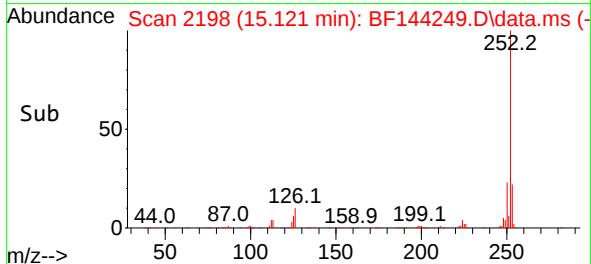
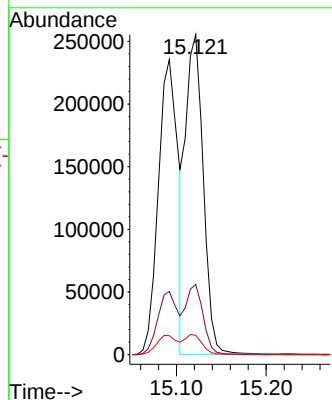
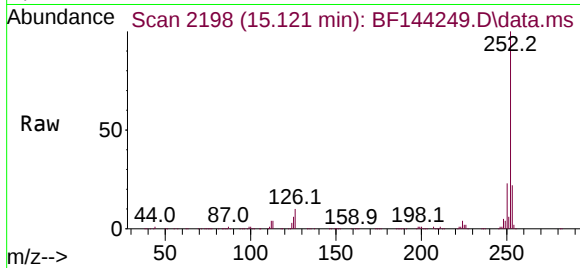




#89
Benzo(k)fluoranthene
Concen: 45.858 ng
RT: 15.121 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

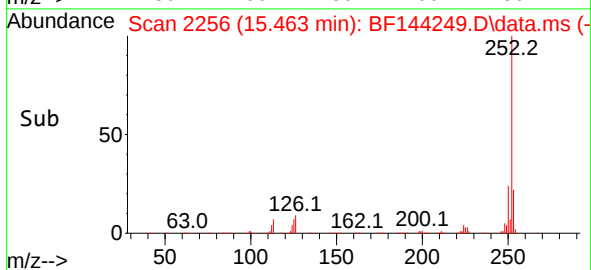
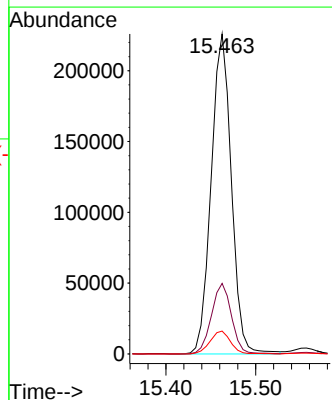
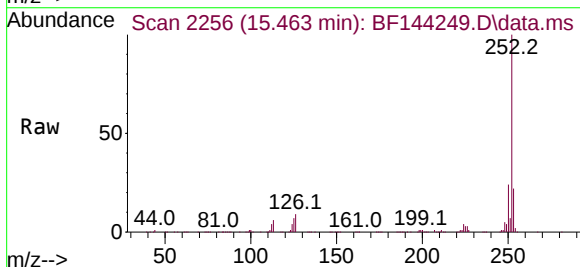
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

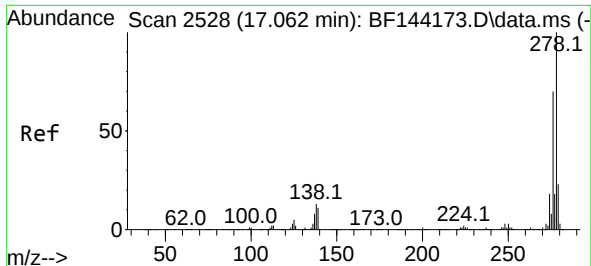
Tgt Ion:252 Resp: 348517
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 6.0 5.4 8.2



#90
Benzo(a)pyrene
Concen: 47.377 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:252 Resp: 354886
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 7.1 5.7 8.5

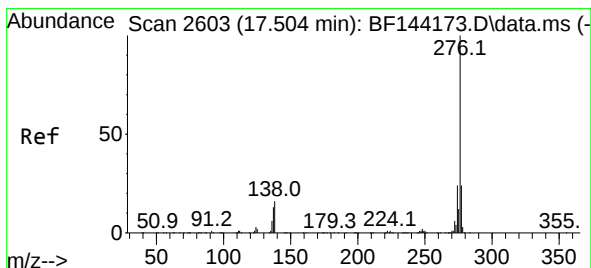
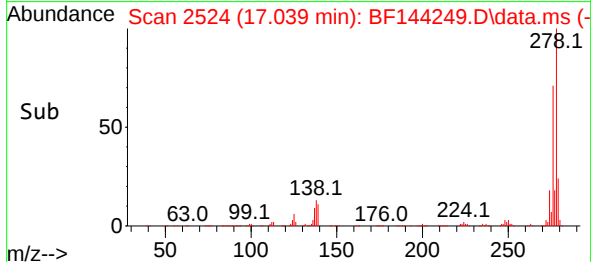
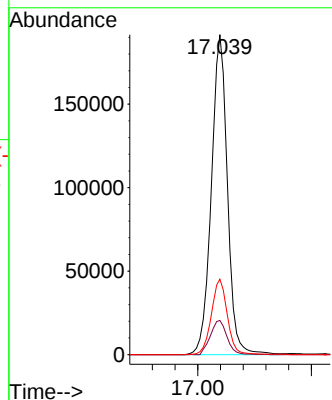
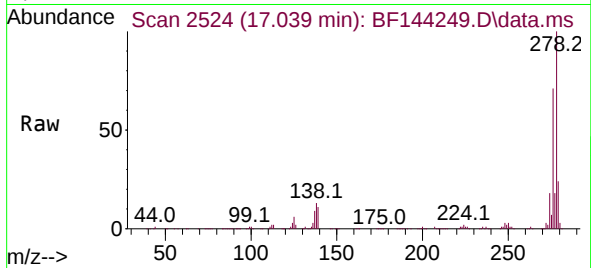




#91
Dibenzo(a,h)anthracene
Concen: 45.823 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MS

Tgt Ion:278 Resp: 377281
Ion Ratio Lower Upper
278 100
139 10.7 9.1 13.7
279 23.6 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 46.888 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144249.D
Acq: 13 Nov 2025 17:54

Tgt Ion:276 Resp: 381234
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 15.3 12.9 19.3

