

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144286.D
 Acq On : 19 Nov 2025 19:18
 Operator : RC/JU
 Sample : Q3652-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Nov 20 00:02:16 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	47982	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	174536	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	86325	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	131941	20.000	ng	0.00
76) Chrysene-d12	14.045	240	122828	20.000	ng	0.00
86) Perylene-d12	15.521	264	156426	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	373238	121.727	ng	0.01
7) Phenol-d6	6.504	99	393215	113.180	ng	0.00
23) Nitrobenzene-d5	7.434	82	275571	91.188	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	136171	125.703	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	557172	95.327	ng	0.00
79) Terphenyl-d14	12.980	244	573904	74.217	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	52897	41.728	ng	# 79
3) Pyridine	3.487	79	121787	34.436	ng	97
4) n-Nitrosodimethylamine	3.422	42	84038	45.492	ng	98
6) Aniline	6.534	93	51728	10.450	ng	# 69
8) 2-Chlorophenol	6.657	128	130024	43.241	ng	97
9) Benzaldehyde	6.422	77	45882	23.387	ng	94
10) Phenol	6.516	94	158394	37.315	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	136280	44.061	ng	98
12) 1,3-Dichlorobenzene	6.810	146	150061	40.442	ng	97
13) 1,4-Dichlorobenzene	6.887	146	153034	41.168	ng	98
14) 1,2-Dichlorobenzene	7.040	146	142764	40.068	ng	99
15) Benzyl Alcohol	7.010	79	121881	44.304	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	244401	42.909	ng	92
17) 2-Methylphenol	7.122	107	104788	43.805	ng	99
18) Hexachloroethane	7.381	117	47920	38.801	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	99524	43.515	ng	95
20) 3+4-Methylphenols	7.281	107	123622	43.839	ng	# 90
22) Acetophenone	7.275	105	175139	46.776	ng	99
24) Nitrobenzene	7.451	77	146217	44.562	ng	98
25) Isophorone	7.687	82	262973	46.005	ng	99
26) 2-Nitrophenol	7.769	139	77077	47.454	ng	96
27) 2,4-Dimethylphenol	7.804	122	123763	50.838	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	169056	47.361	ng	97
29) 2,4-Dichlorophenol	8.010	162	124988	44.545	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	124013	43.041	ng	98
31) Naphthalene	8.169	128	357551	43.065	ng	100
32) Benzoic acid	7.922	122	67258	37.690	ng	96
33) 4-Chloroaniline	8.222	127	23556	7.779	ng	98
34) Hexachlorobutadiene	8.287	225	83969	38.670	ng	98
35) Caprolactam	8.587	113	31005	40.333	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	109287	43.460	ng	98
37) 2-Methylnaphthalene	8.863	142	219027	39.457	ng	99
38) 1-Methylnaphthalene	8.963	142	225448	42.092	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	137351	48.549	ng	99
41) Hexachlorocyclopentadiene	9.016	237	83415	76.740	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	90839	47.175	ng	96

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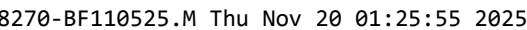
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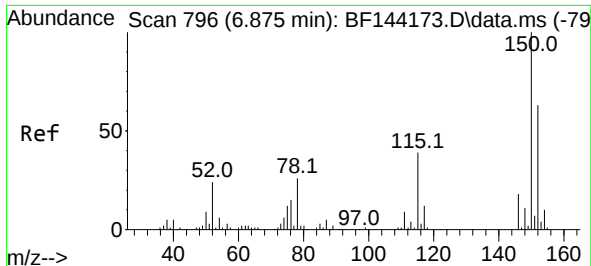
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	95182	45.864	ng	98
46) 1,1'-Biphenyl	9.328	154	305070	50.628	ng	99
47) 2-Chloronaphthalene	9.351	162	246944	48.043	ng	99
48) 2-Nitroaniline	9.451	65	73165	49.333	ng	94
49) Acenaphthylene	9.769	152	373873	53.376	ng	99
50) Dimethylphthalate	9.628	163	286753	50.142	ng	99
51) 2,6-Dinitrotoluene	9.692	165	60979	52.673	ng	92
52) Acenaphthene	9.939	154	201915	43.107	ng	99
53) 3-Nitroaniline	9.863	138	14695	11.612	ng	98
54) 2,4-Dinitrophenol	9.975	184	46280	66.202	ng	96
55) Dibenzofuran	10.110	168	308562	47.036	ng	99
56) 4-Nitrophenol	10.033	139	65803	71.882	ng	96
57) 2,4-Dinitrotoluene	10.098	165	75871	48.956	ng	99
58) Fluorene	10.457	166	234276	46.971	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	72019	49.049	ng	99
60) Diethylphthalate	10.322	149	251166	47.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	130158	45.812	ng	96
62) 4-Nitroaniline	10.475	138	49112	40.751	ng	96
63) Azobenzene	10.604	77	231929	47.270	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	37356	41.677	ng	94
66) n-Nitrosodiphenylamine	10.563	169	226179	53.299	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	81116	48.166	ng	99
68) Hexachlorobenzene	11.004	284	96484	48.640	ng	98
69) Atrazine	11.092	200	67069	49.697	ng	98
70) Pentachlorophenol	11.204	266	94212	95.377	ng	99
71) Phenanthrene	11.422	178	325798	49.595	ng	100
72) Anthracene	11.475	178	335318	50.199	ng	99
73) Carbazole	11.628	167	292469	51.491	ng	99
74) Di-n-butylphthalate	11.951	149	342377	49.862	ng	99
75) Fluoranthene	12.616	202	367573	54.167	ng	99
77) Benzidine	12.739	184	79385	21.850	ng	100
78) Pyrene	12.845	202	390733	39.454	ng	99
80) Butylbenzylphthalate	13.457	149	155460	45.291	ng	98
81) Benzo(a)anthracene	14.033	228	451822	53.075	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	91869	31.483	ng	100
83) Chrysene	14.074	228	390492	49.690	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	219488	46.711	ng	99
85) Di-n-octyl phthalate	14.627	149	413002	50.944	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	391377	34.854	ng	98
88) Benzo(b)fluoranthene	15.092	252	512310	57.607	ng	99
89) Benzo(k)fluoranthene	15.121	252	400800	48.150	ng	100
90) Benzo(a)pyrene	15.463	252	426239	51.953	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	318332	35.300	ng	100
92) Benzo(g,h,i)perylene	17.480	276	291103	32.688	ng	98

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

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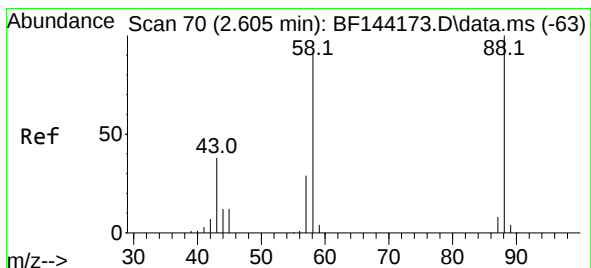
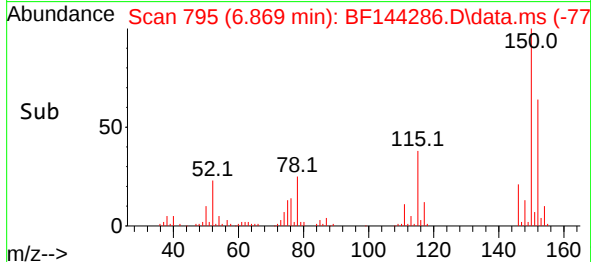
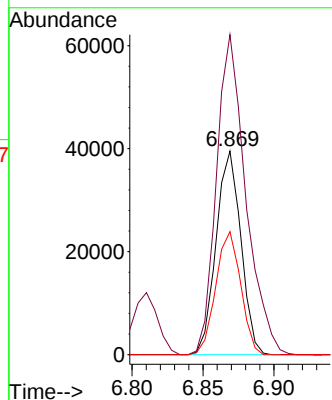
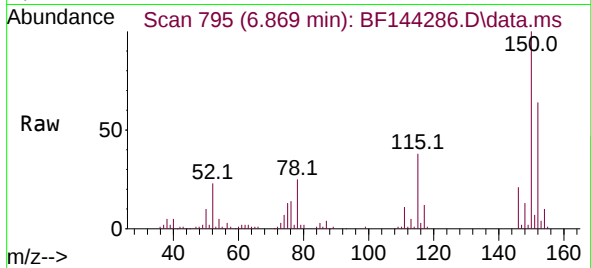




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

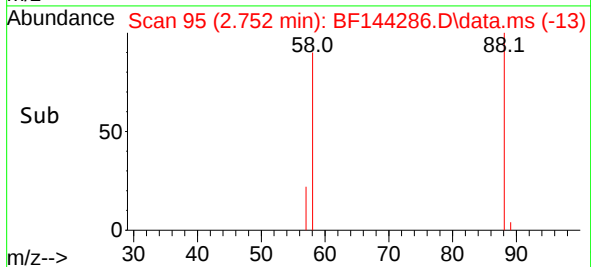
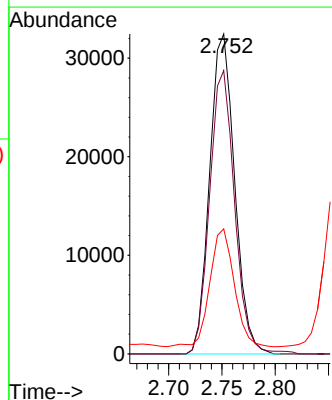
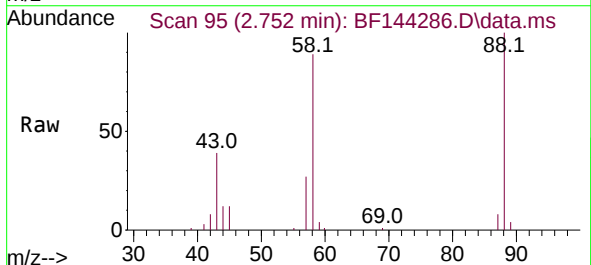
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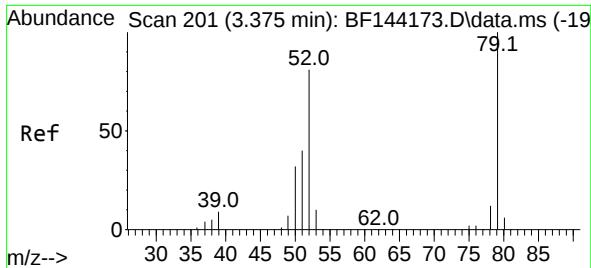
Tgt Ion:152 Resp: 47982
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.4 191.0
 115 60.4 49.5 74.3



#2
 1,4-Dioxane
 Concen: 41.728 ng
 RT: 2.752 min Scan# 95
 Delta R.T. 0.135 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

Tgt Ion: 88 Resp: 52897
 Ion Ratio Lower Upper
 88 100
 58 88.7 73.1 109.7
 43 0.0 31.0 46.6

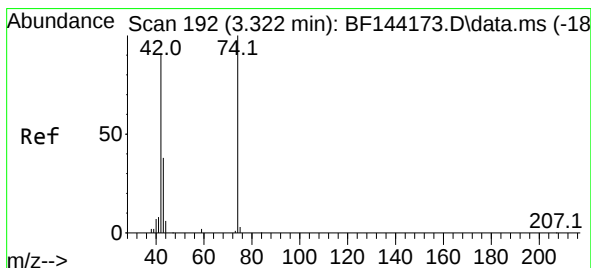
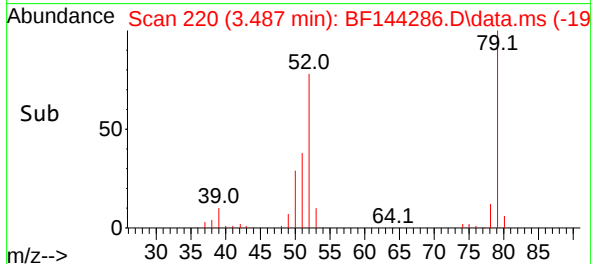
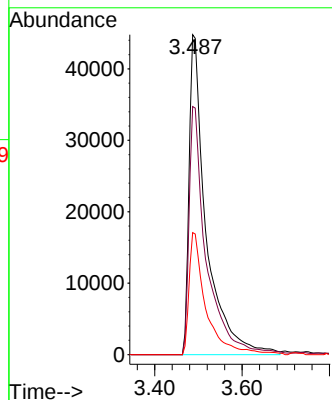
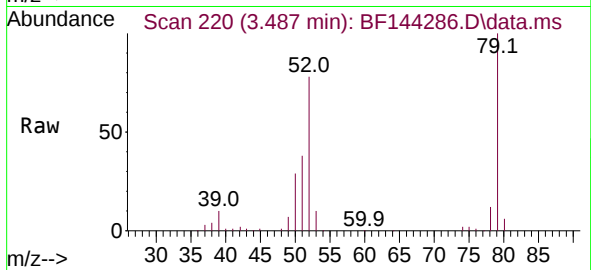




#3
Pyridine
Concen: 34.436 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

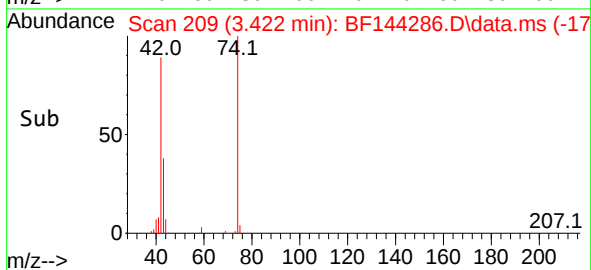
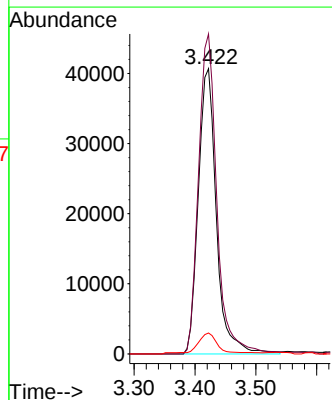
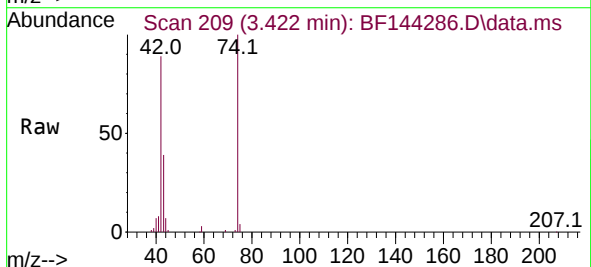
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

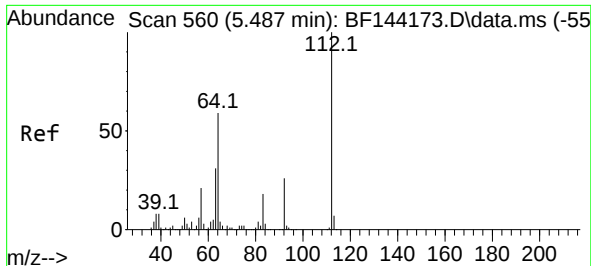
Tgt Ion: 79 Resp: 121787
Ion Ratio Lower Upper
79 100
52 77.5 64.5 96.7
51 38.1 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 45.492 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.077 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion: 42 Resp: 84038
Ion Ratio Lower Upper
42 100
74 112.2 88.2 132.4
44 7.3 5.7 8.5

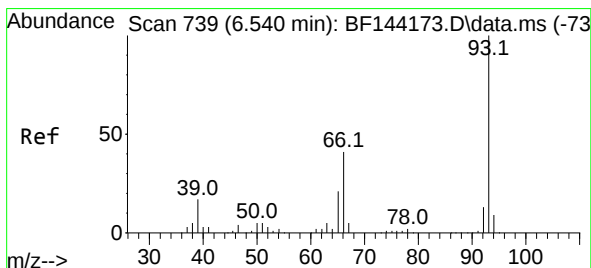
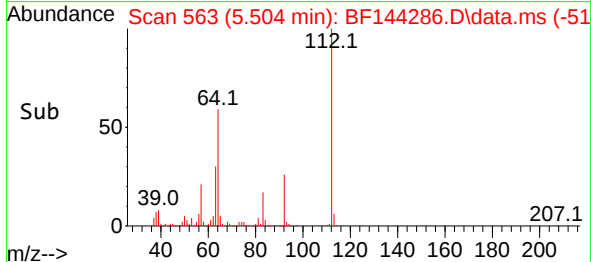
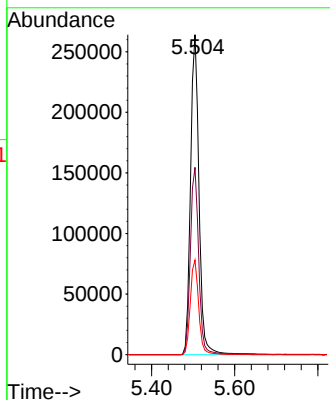
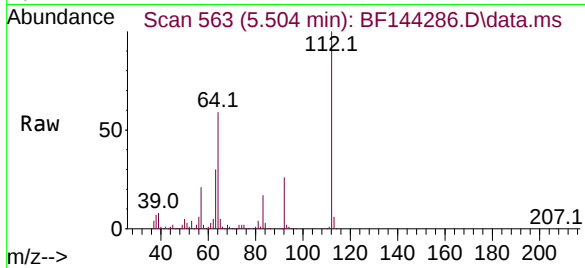




#5
2-Fluorophenol
Concen: 121.727 ng
RT: 5.504 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

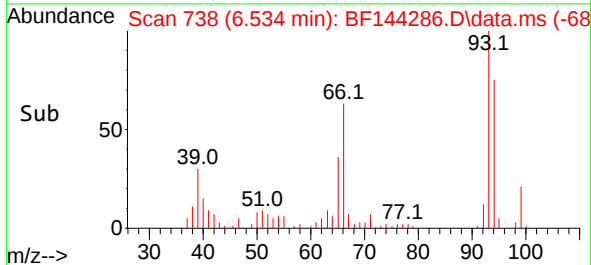
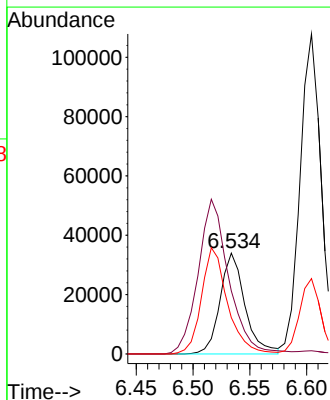
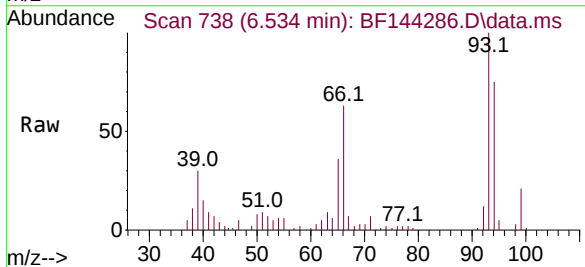
Instrument :
BNA_F
ClientSampleId :
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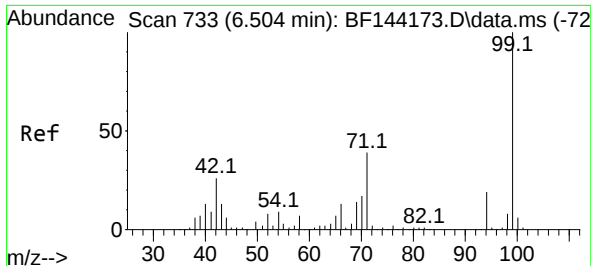
Tgt Ion:112 Resp: 373238
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 29.5 24.4 36.6



#6
Aniline
Concen: 10.450 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion: 93 Resp: 51728
Ion Ratio Lower Upper
93 100
66 62.5 34.3 51.5#
65 36.0 16.9 25.3#

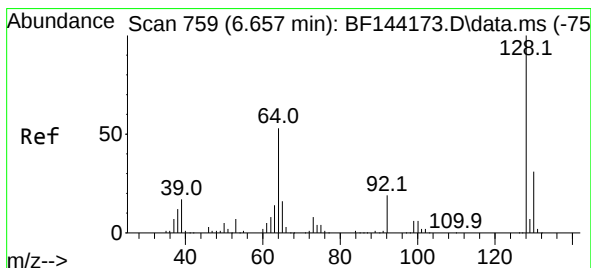
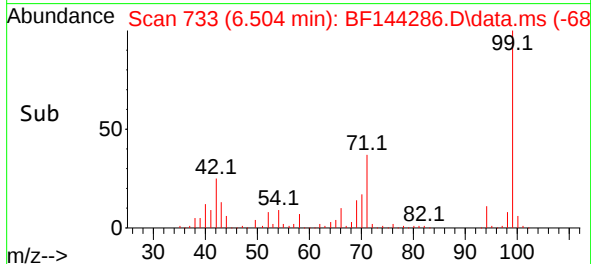
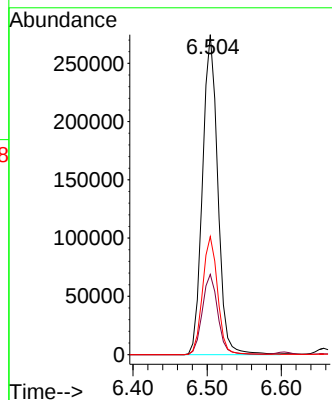
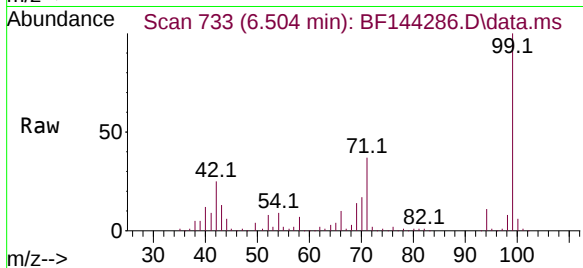




#7
Phenol-d6
Concen: 113.180 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

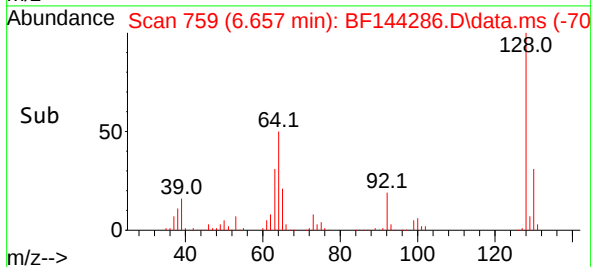
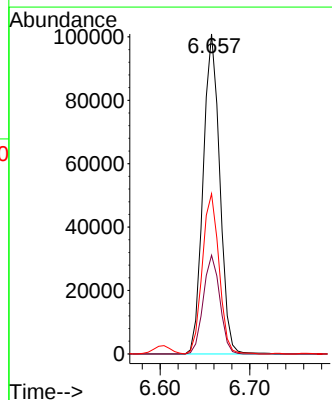
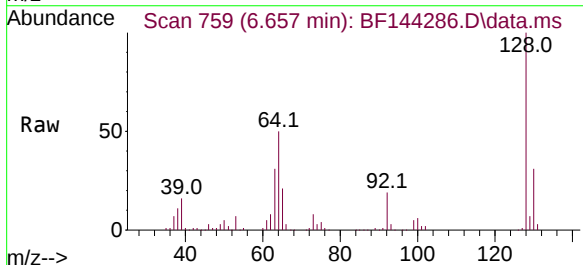
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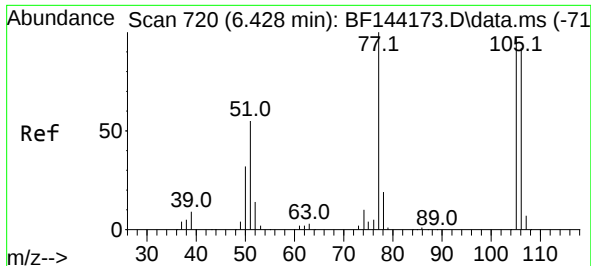
Tgt Ion: 99 Resp: 393215
Ion Ratio Lower Upper
99 100
42 25.1 20.9 31.3
71 36.9 31.4 47.2



#8
2-Chlorophenol
Concen: 43.241 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:128 Resp: 130024
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 50.1 33.2 73.2





#9

Benzaldehyde

Concen: 23.387 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

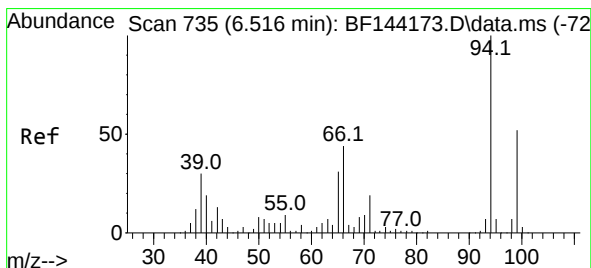
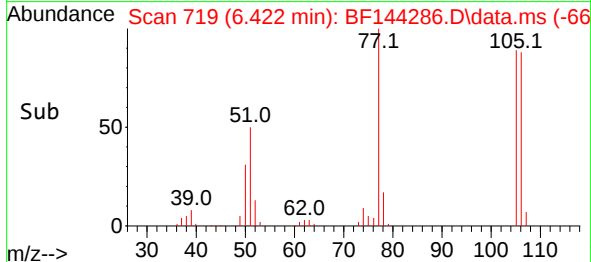
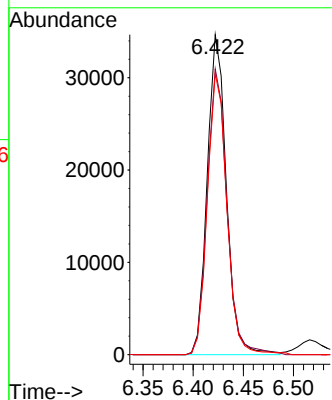
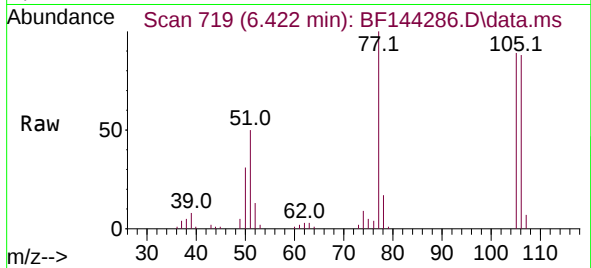
Tgt Ion: 77 Resp: 45882

Ion Ratio Lower Upper

77 100

105 89.3 77.2 117.2

106 87.8 72.2 112.2



#10

Phenol

Concen: 37.315 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

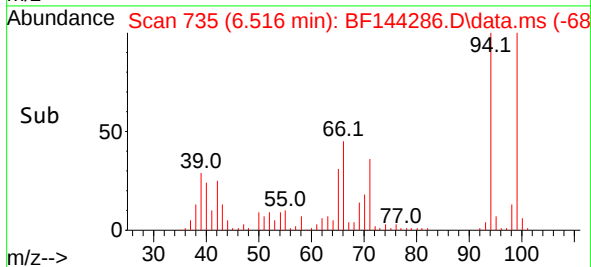
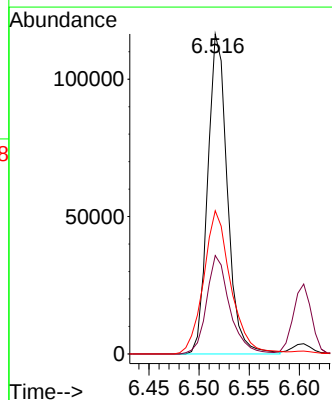
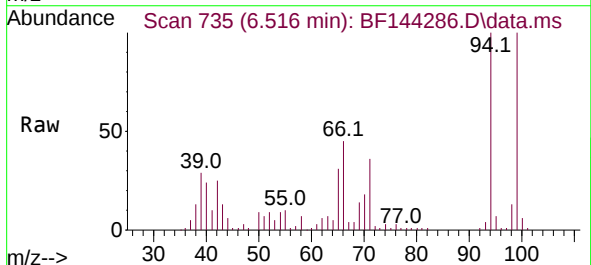
Tgt Ion: 94 Resp: 158394

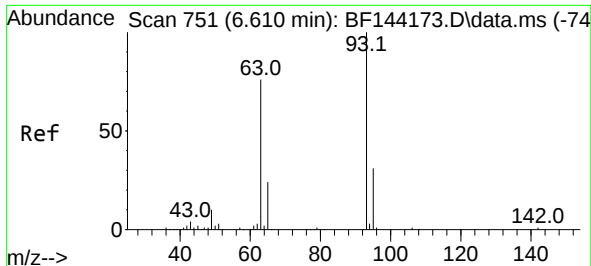
Ion Ratio Lower Upper

94 100

65 30.7 10.8 50.8

66 44.7 24.3 64.3

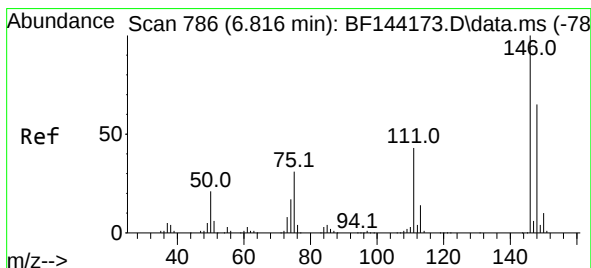
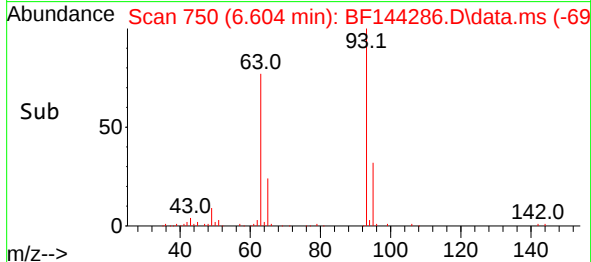
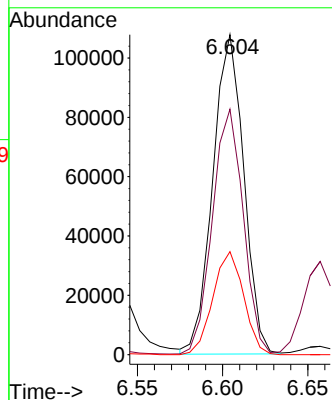
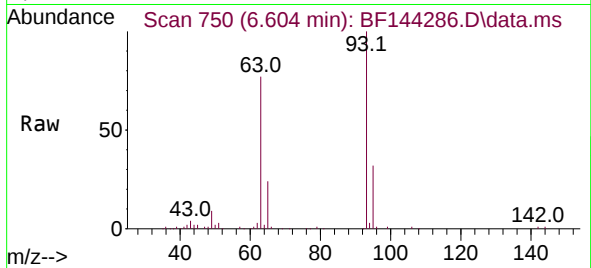




#11
bis(2-Chloroethyl)ether
Concen: 44.061 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

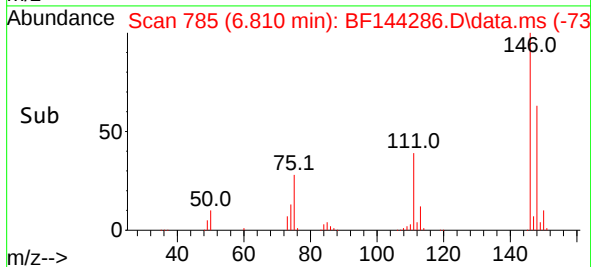
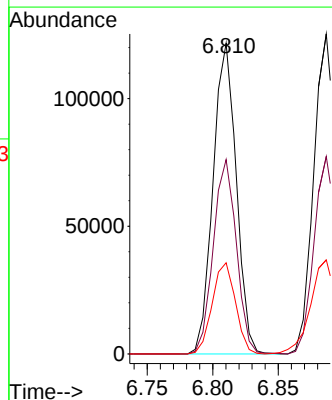
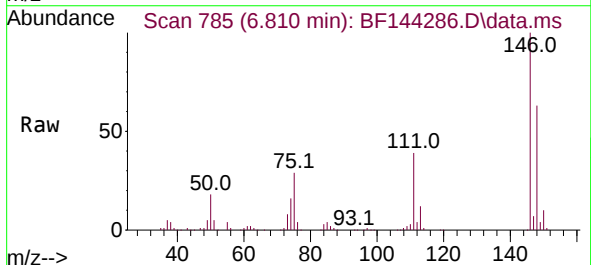
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

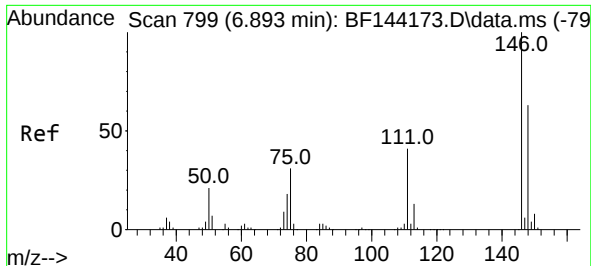
Tgt Ion: 93 Resp: 136280
Ion Ratio Lower Upper
93 100
63 76.7 55.2 95.2
95 32.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.442 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:146 Resp: 150061
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
75 29.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.168 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

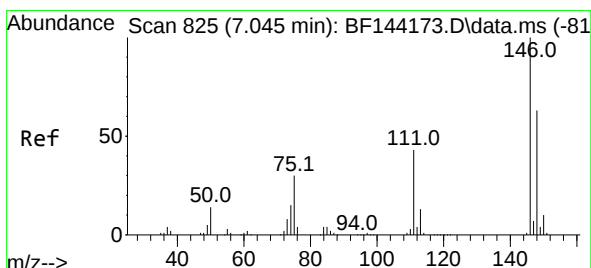
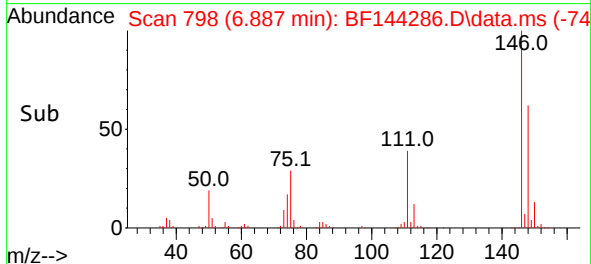
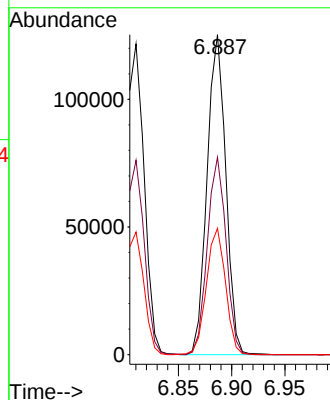
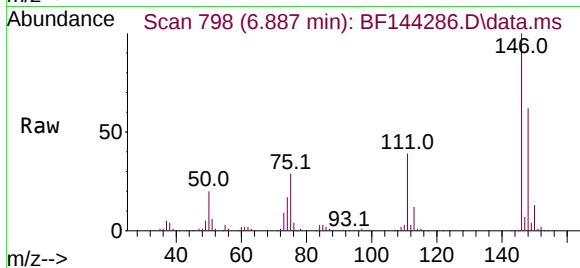
Tgt Ion:146 Resp: 153034

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 39.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.068 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

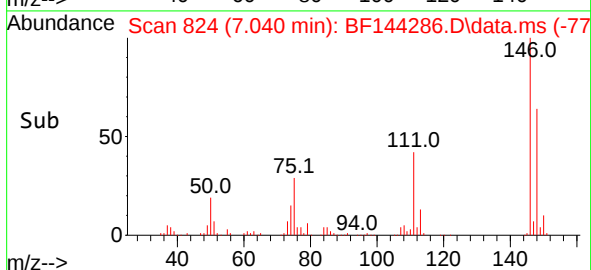
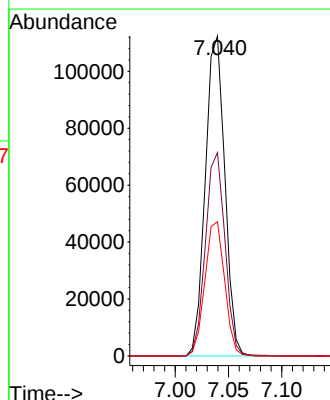
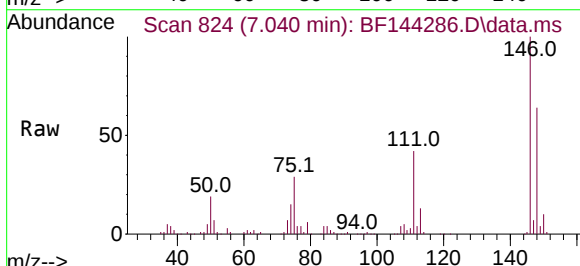
Tgt Ion:146 Resp: 142764

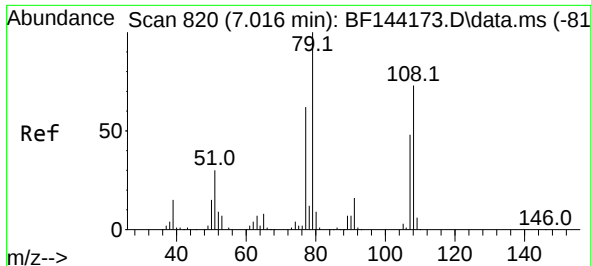
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 41.9 34.2 51.4

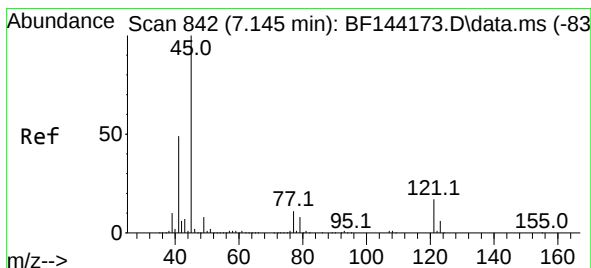
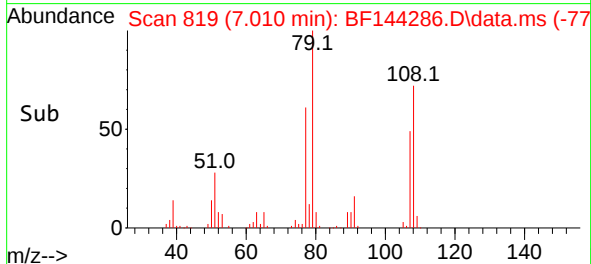
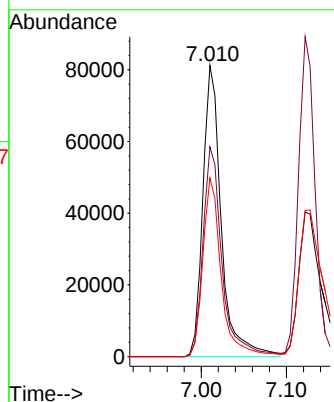
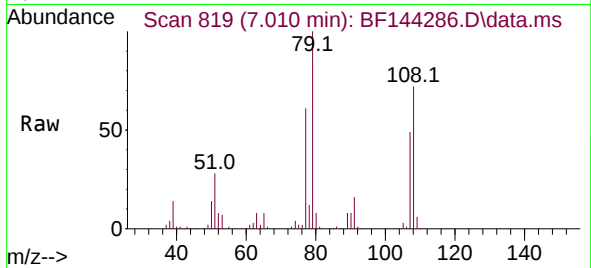




#15
Benzyl Alcohol
Concen: 44.304 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

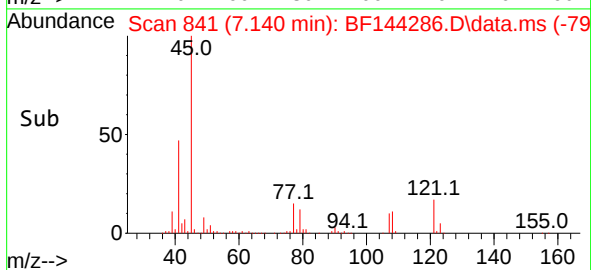
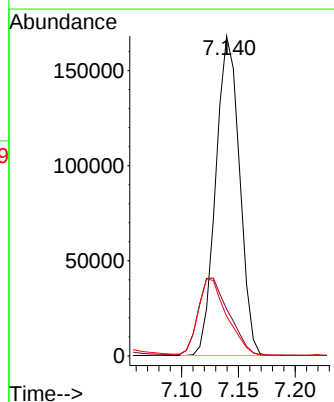
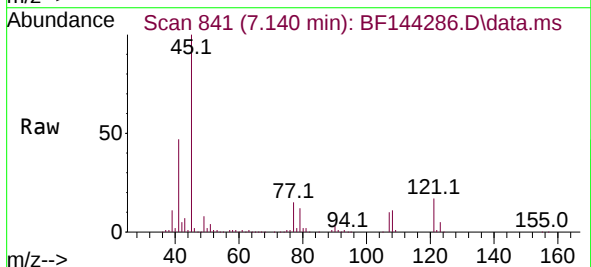
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

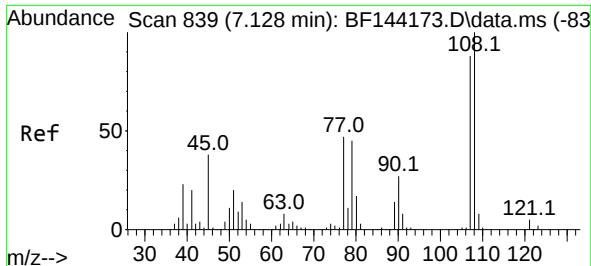
Tgt Ion: 79 Resp: 121881
Ion Ratio Lower Upper
79 100
108 72.0 58.2 87.4
77 61.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.909 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion: 45 Resp: 244401
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.8
79 12.4 0.0 29.1

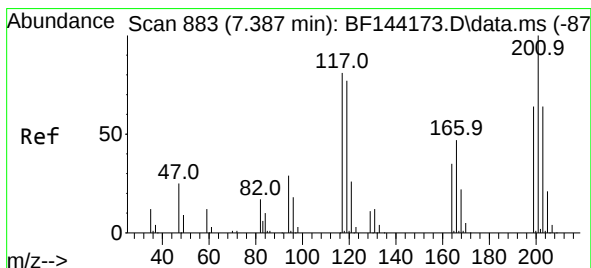
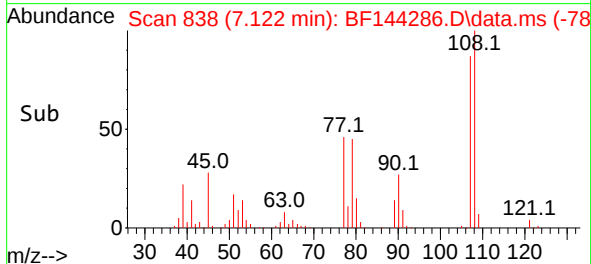
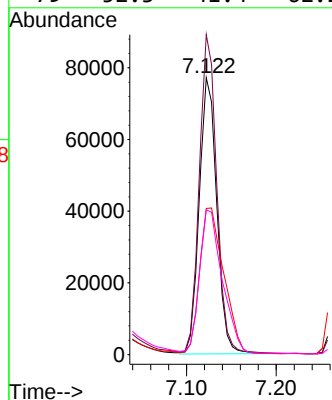
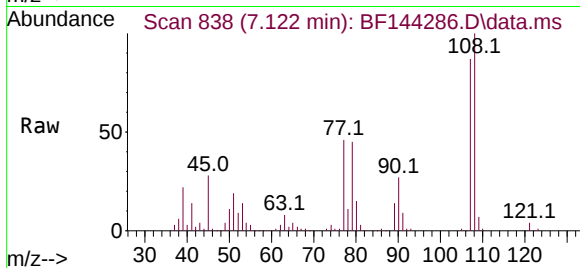




#17
2-Methylphenol
Concen: 43.805 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

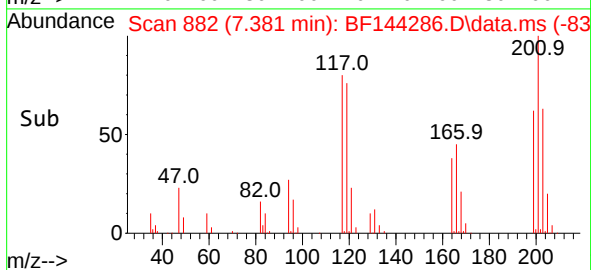
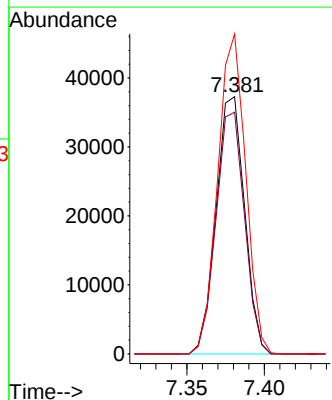
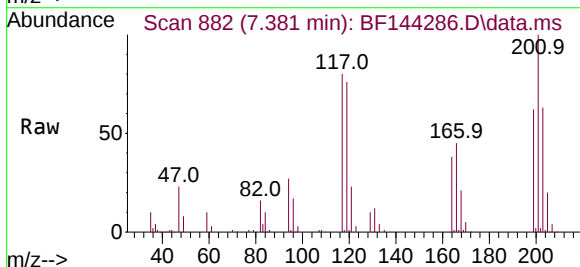
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

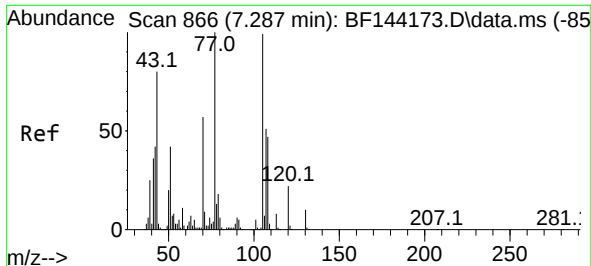
Tgt Ion:	107	Resp:	104788
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	52.8	42.7	64.1
79	52.3	41.4	62.2



#18
Hexachloroethane
Concen: 38.801 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:	117	Resp:	47920
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	124.4	98.9	148.3

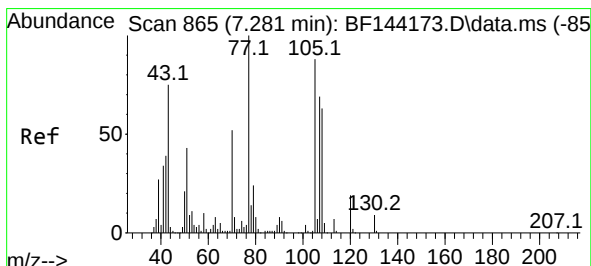
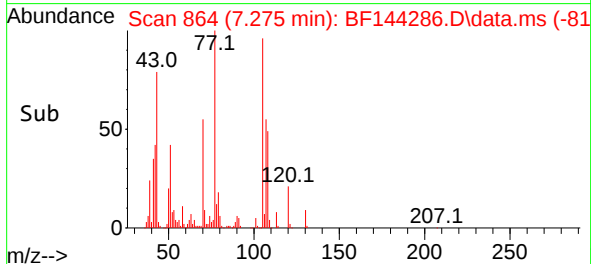
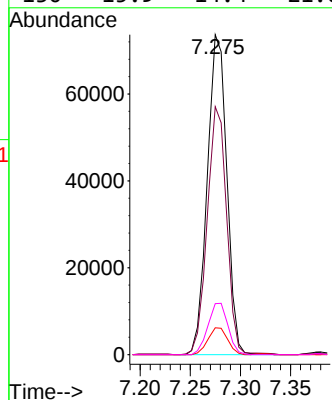
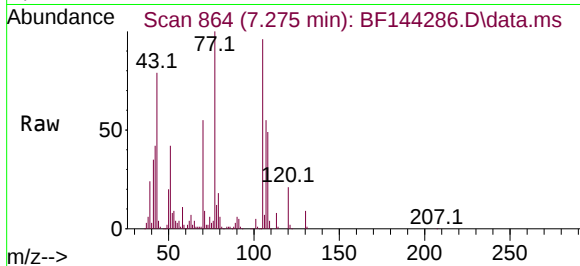




#19
n-Nitroso-di-n-propylamine
Concen: 43.515 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

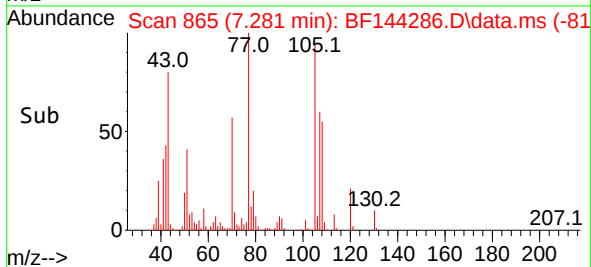
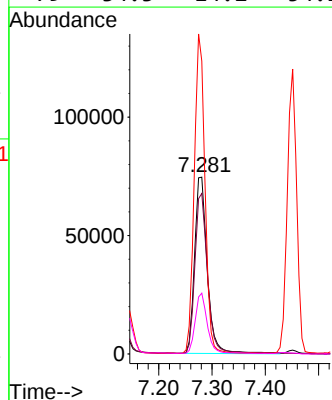
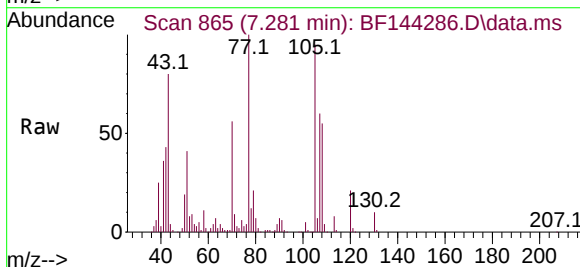
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

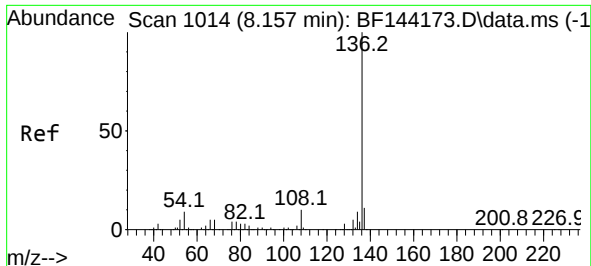
Tgt Ion:	70	Resp:	99524
Ion	Ratio	Lower	Upper
70	100		
42	77.5	58.3	87.5
101	8.4	7.0	10.6
130	15.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.839 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:	107	Resp:	123622
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.2	110.2
77	165.7	123.9	163.9#
79	34.3	14.2	54.2

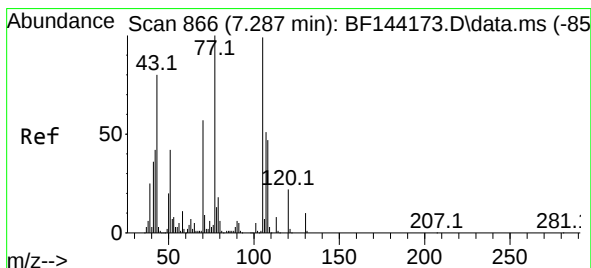
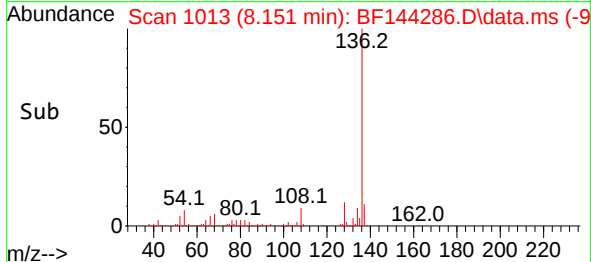
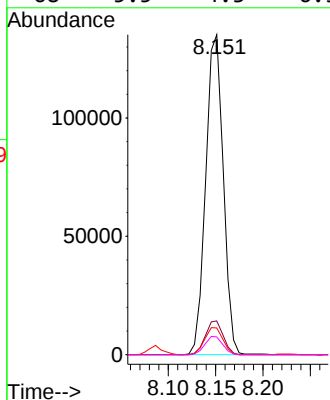
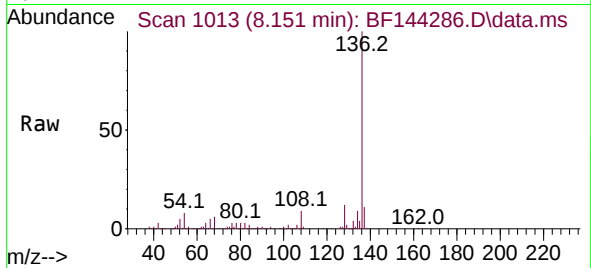




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

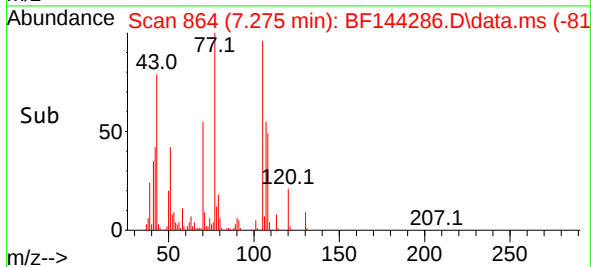
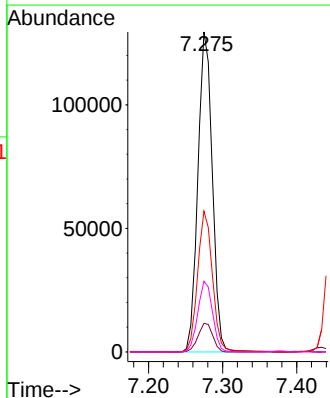
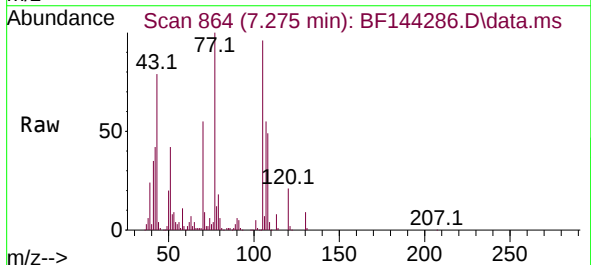
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

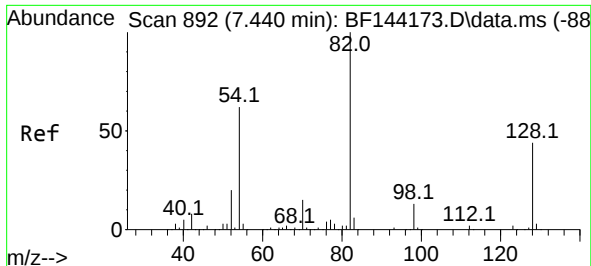
Tgt Ion:	136	Resp:	174536
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.3	7.0	10.6
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 46.776 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:	105	Resp:	175139
Ion Ratio	Lower	Upper	
105	100		
71	9.0	7.2	10.8
51	44.0	34.0	51.0
120	22.1	17.8	26.6





#23

Nitrobenzene-d5

Concen: 91.188 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

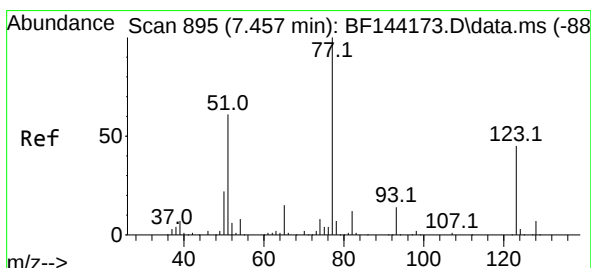
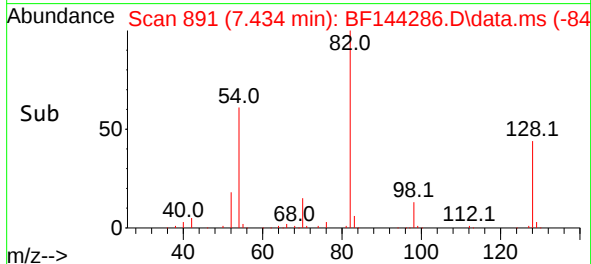
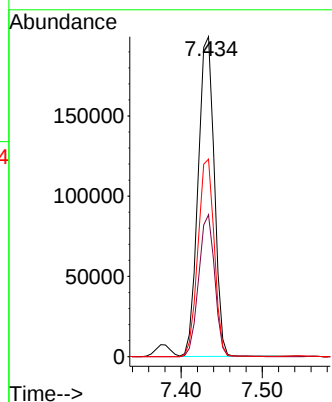
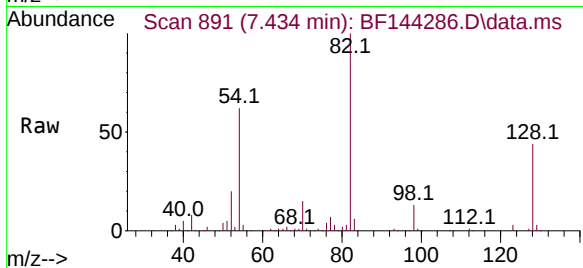
Tgt Ion: 82 Resp: 275571

Ion Ratio Lower Upper

82 100

128 44.3 34.7 52.1

54 61.7 49.5 74.3



#24

Nitrobenzene

Concen: 44.562 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

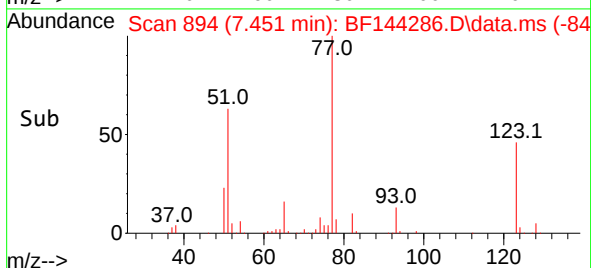
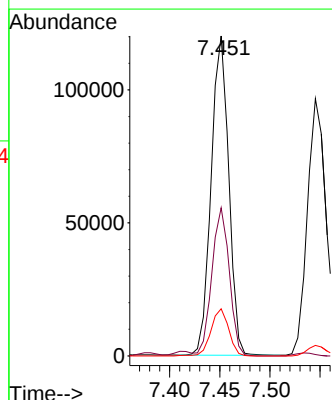
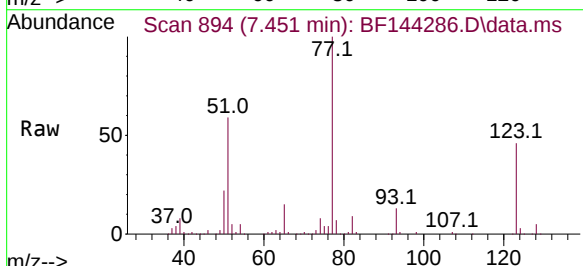
Tgt Ion: 77 Resp: 146217

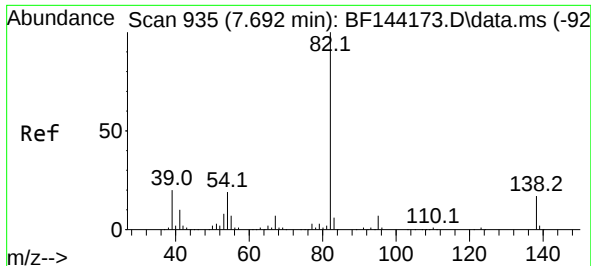
Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.8

65 14.7 12.2 18.2

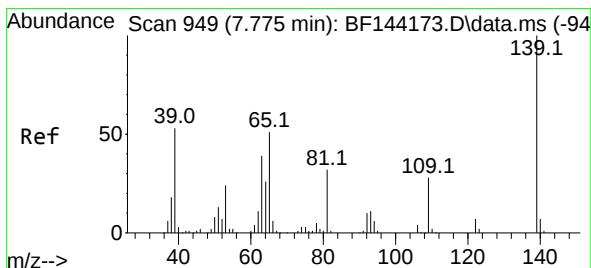
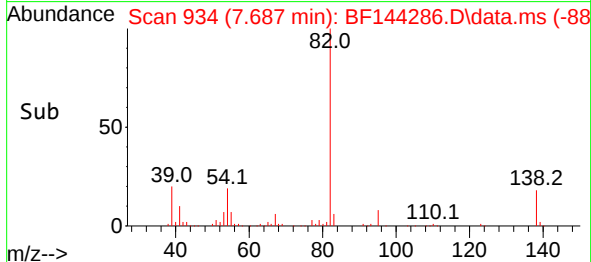
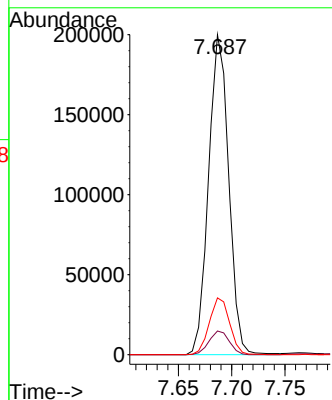
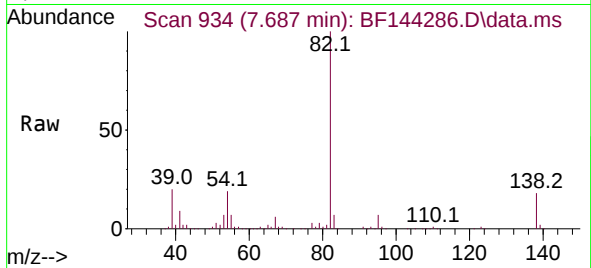




#25
Isophorone
Concen: 46.005 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

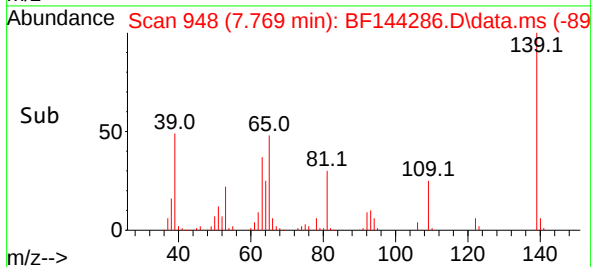
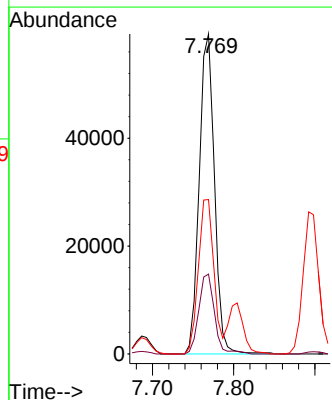
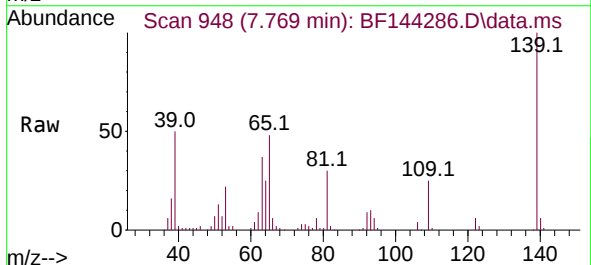
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

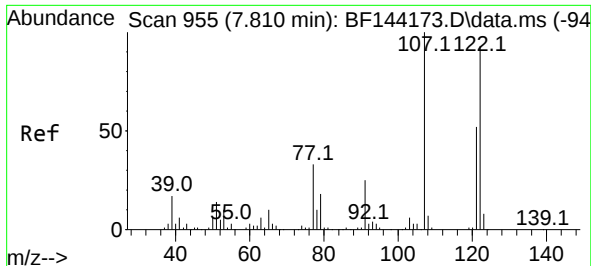
Tgt Ion: 82 Resp: 262973
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 47.454 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:139 Resp: 77077
Ion Ratio Lower Upper
139 100
109 24.9 22.2 33.2
65 48.2 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 50.838 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

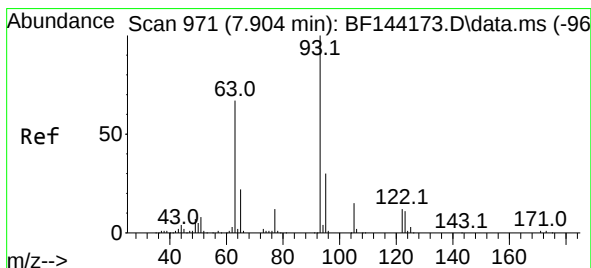
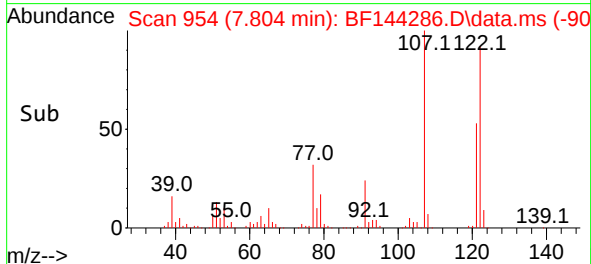
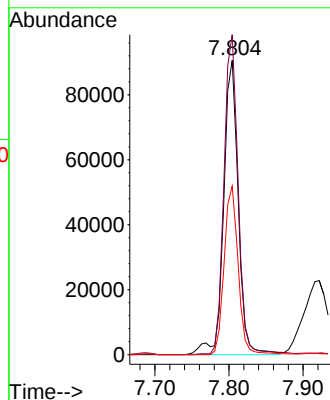
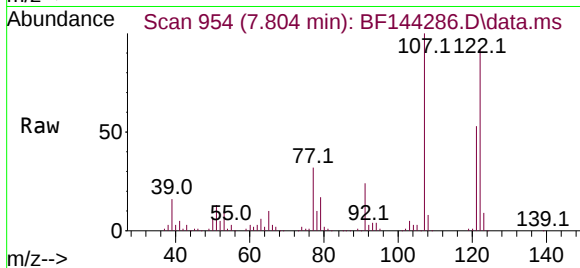
Tgt Ion:122 Resp: 123763

Ion Ratio Lower Upper

122 100

107 108.7 86.2 129.4

121 57.2 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.361 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

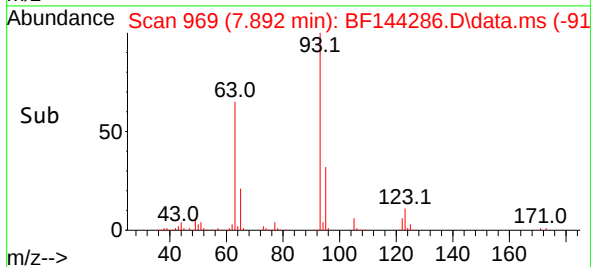
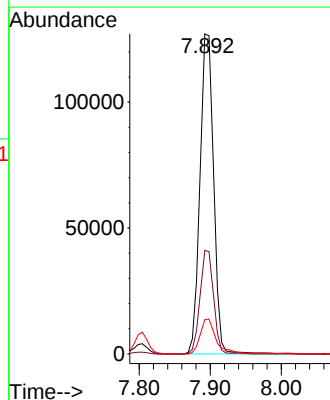
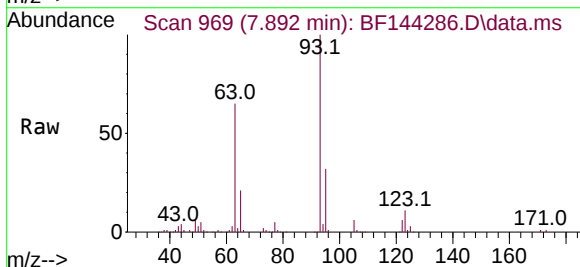
Tgt Ion: 93 Resp: 169056

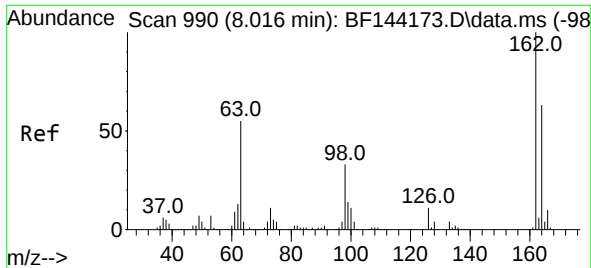
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.545 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

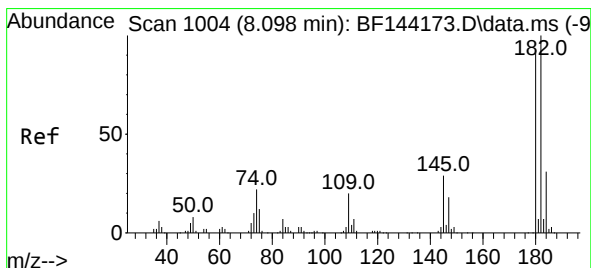
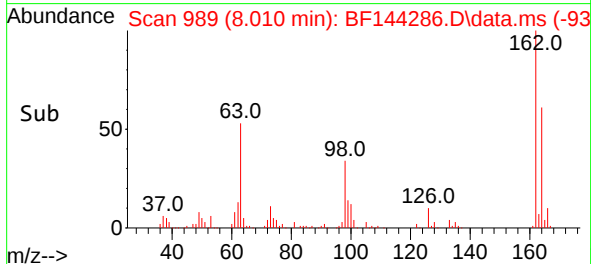
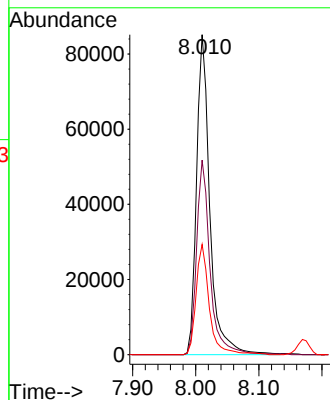
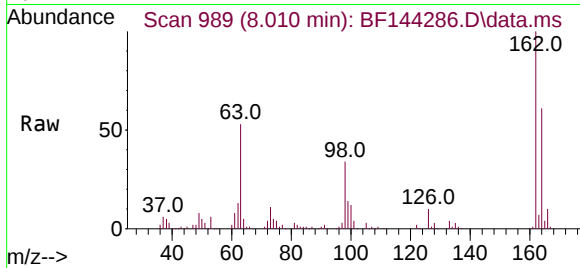
Tgt Ion:162 Resp: 124988

Ion Ratio Lower Upper

162 100

164 60.8 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 43.041 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

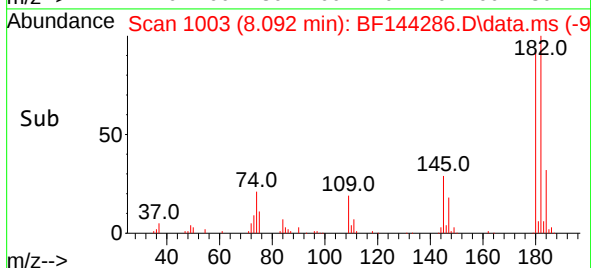
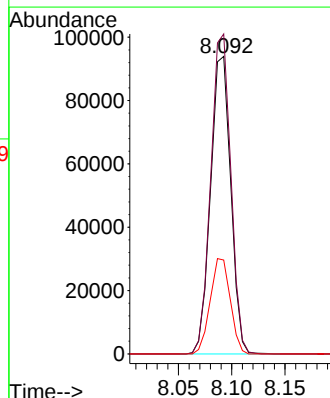
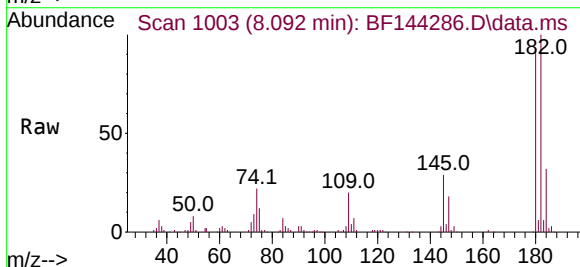
Tgt Ion:180 Resp: 124013

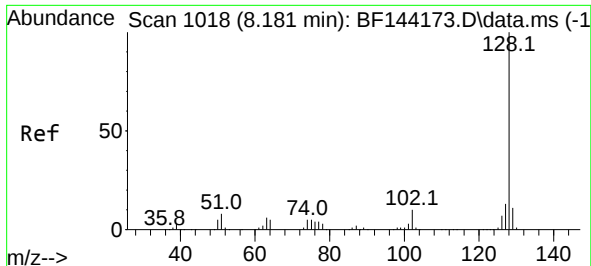
Ion Ratio Lower Upper

180 100

182 107.6 87.7 131.5

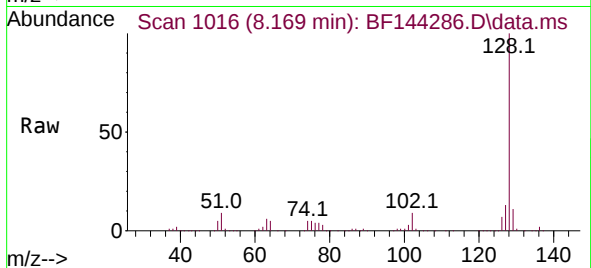
145 31.6 25.4 38.0



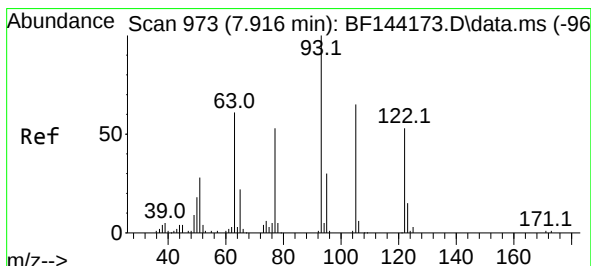
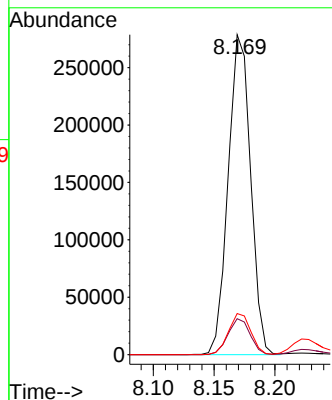
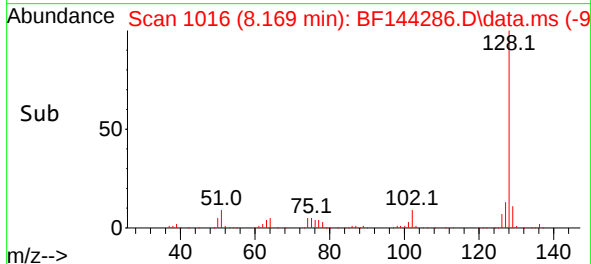


#31
Naphthalene
Concen: 43.065 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

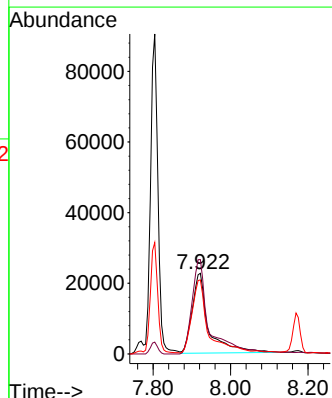
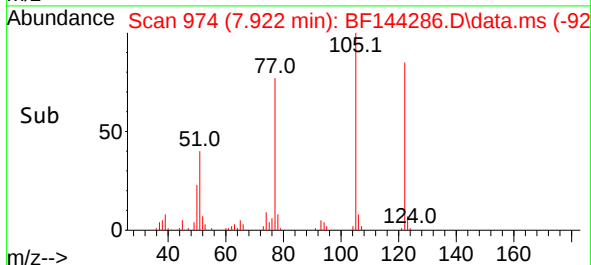
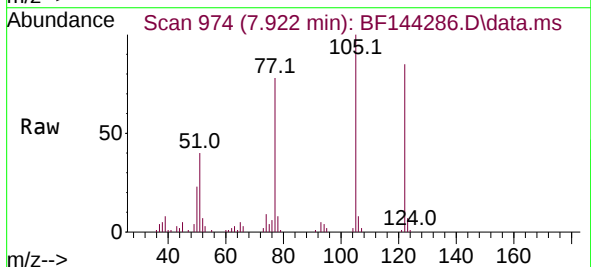


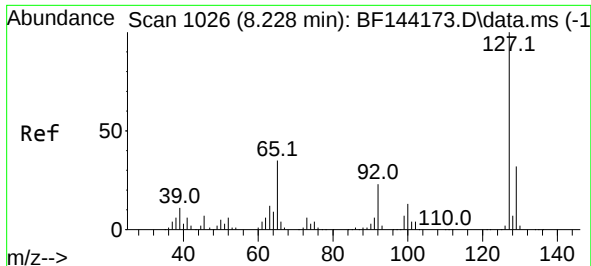
Tgt Ion:128 Resp: 357551
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 37.690 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:122 Resp: 67258
Ion Ratio Lower Upper
122 100
105 117.2 99.9 139.9
77 91.9 77.5 117.5

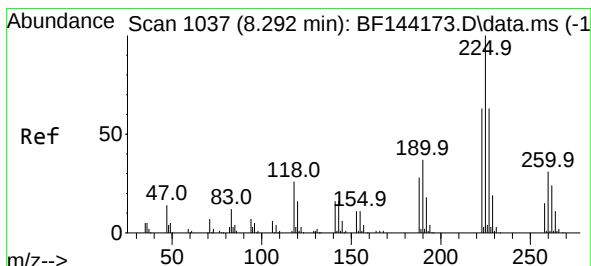
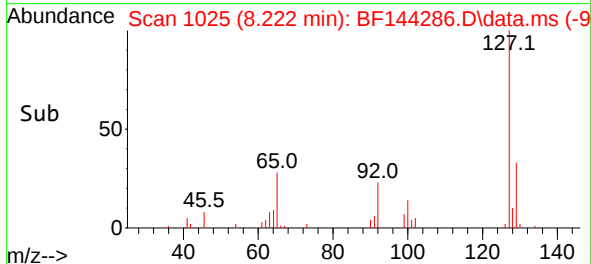
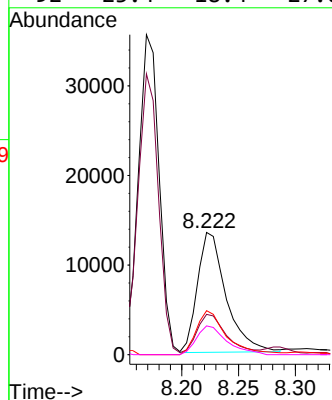
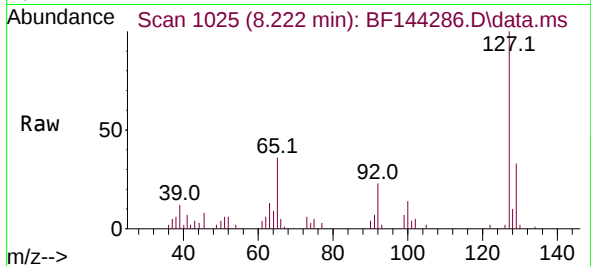




#33
4-Chloroaniline
Concen: 7.779 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

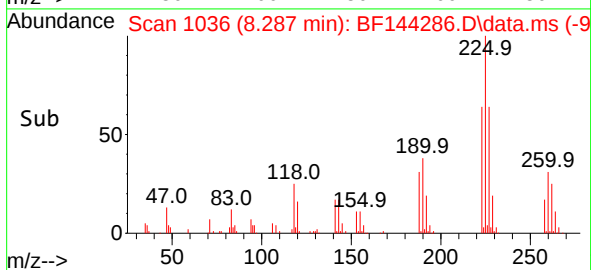
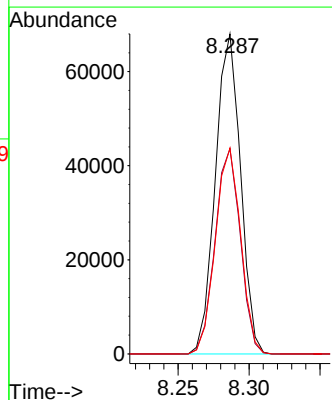
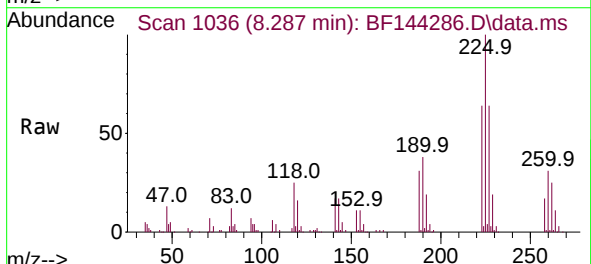
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

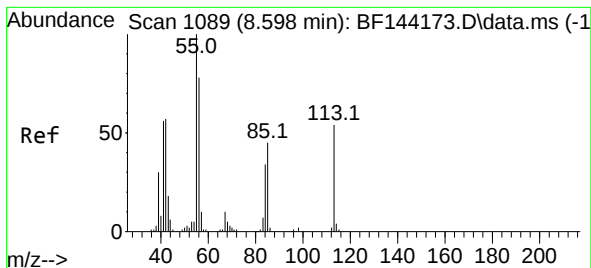
Tgt Ion:127	Resp:	23556
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.3 37.9
65	35.9	27.6 41.4
92	23.4	18.4 27.6



#34
Hexachlorobutadiene
Concen: 38.670 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:225	Resp:	83969
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.2 75.4
227	64.3	50.1 75.1





#35

Caprolactam

Concen: 40.333 ng

RT: 8.587 min Scan# 1107

Delta R.T. -0.035 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

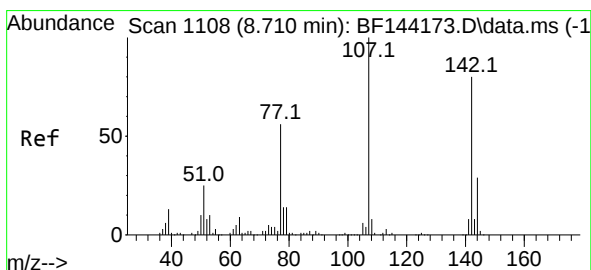
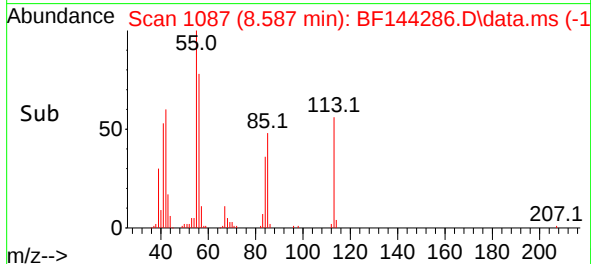
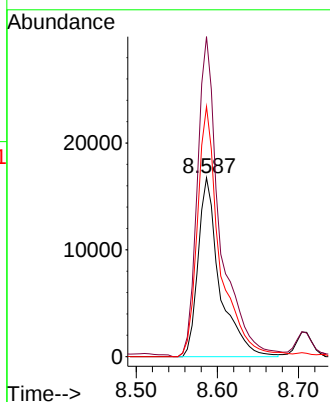
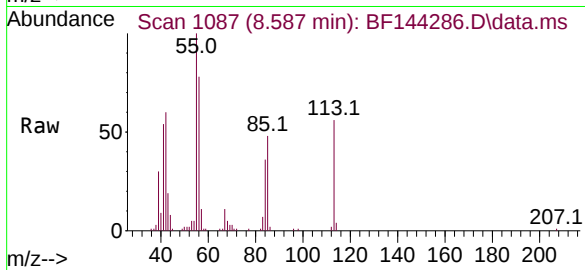
Tgt Ion:113 Resp: 31005

Ion Ratio Lower Upper

113 100

55 179.0 166.8 206.8

56 139.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 43.460 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

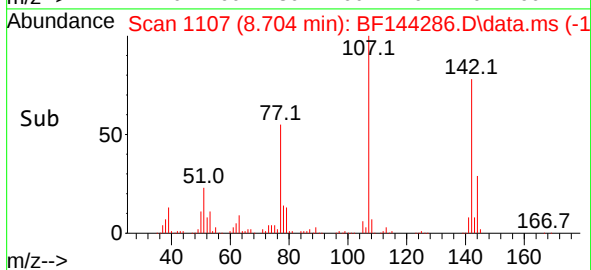
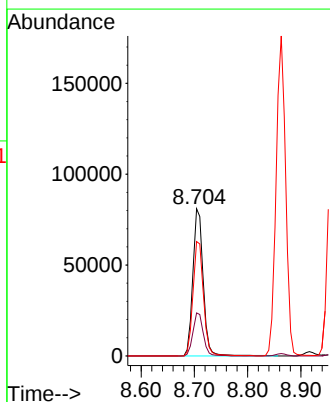
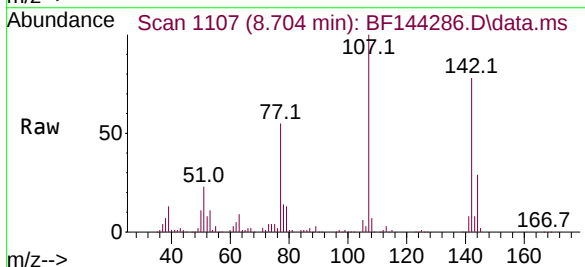
Tgt Ion:107 Resp: 109287

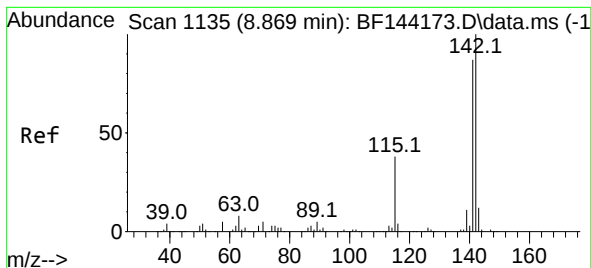
Ion Ratio Lower Upper

107 100

144 29.2 23.3 34.9

142 77.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.457 ng

RT: 8.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

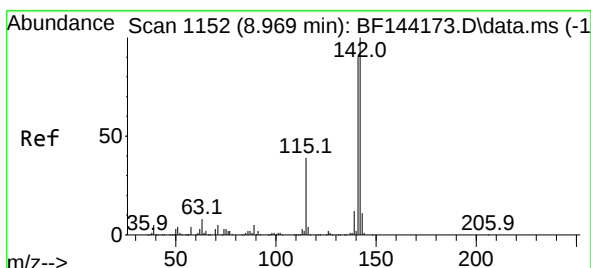
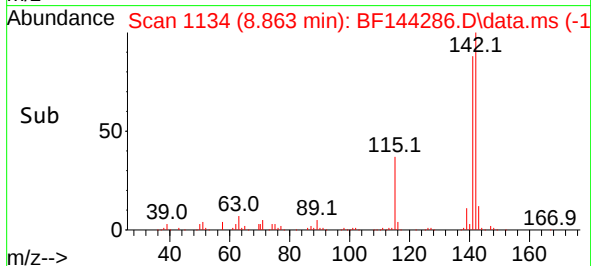
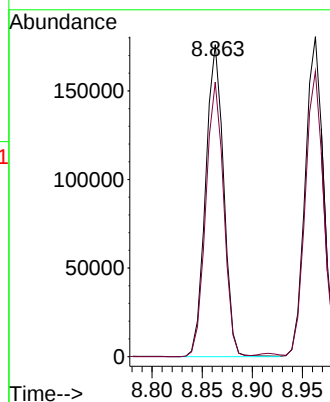
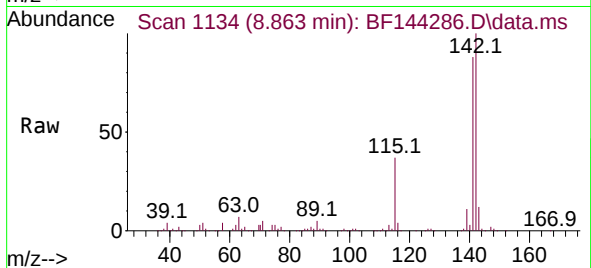
TP-1MSD

Tgt Ion:142 Resp: 219027

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 42.092 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144286.D

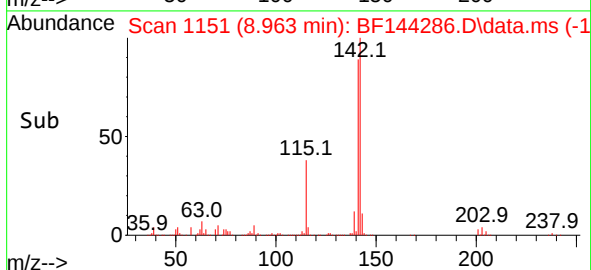
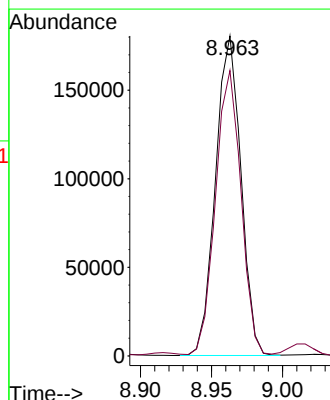
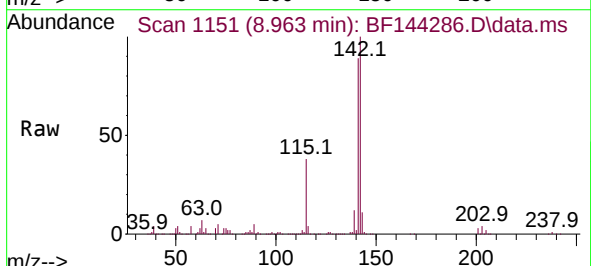
Acq: 19 Nov 2025 19:18

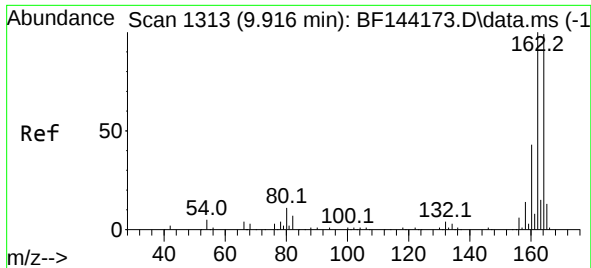
Tgt Ion:142 Resp: 225448

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1

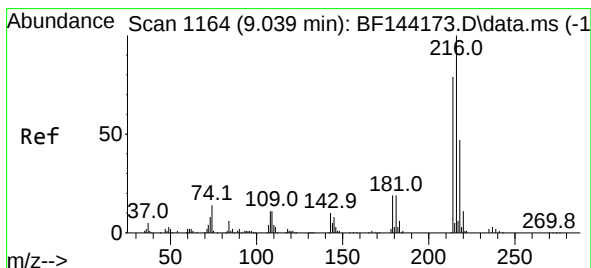
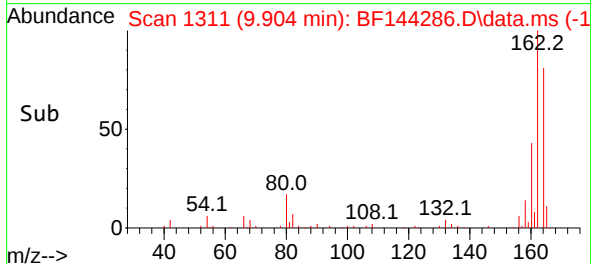
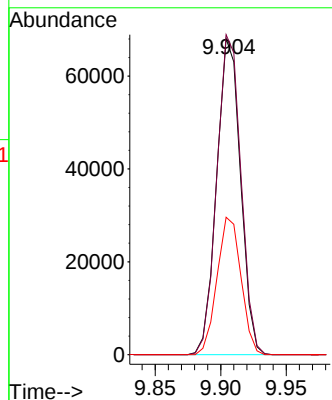
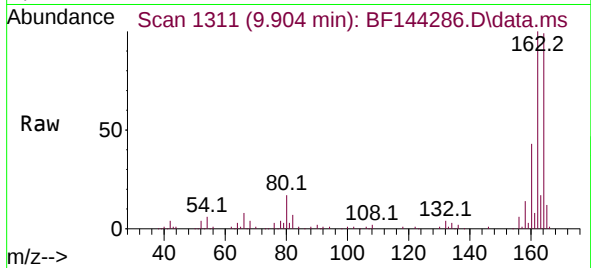




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

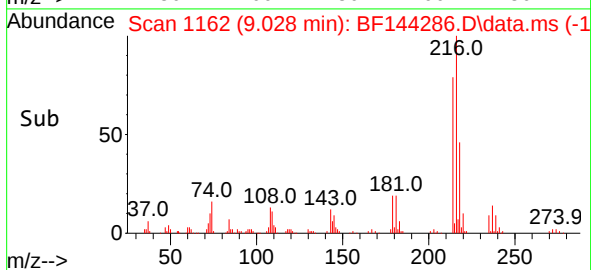
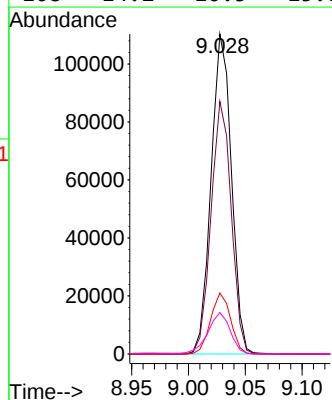
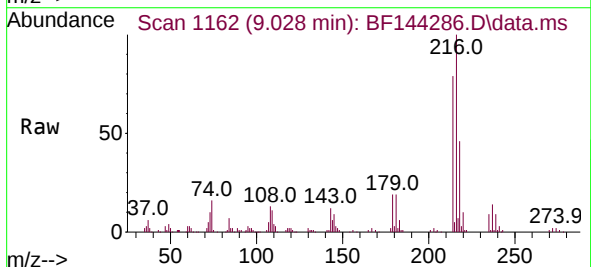
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

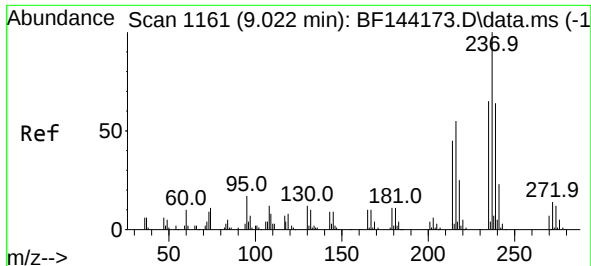
Tgt Ion:164 Resp: 86325
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 43.5 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.549 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

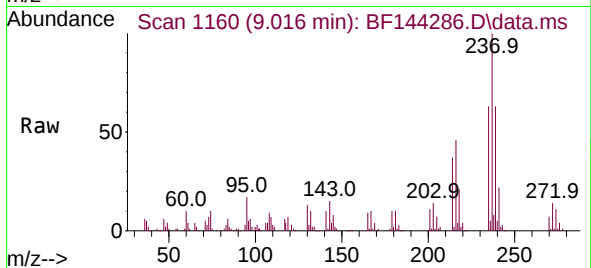
Tgt Ion:216 Resp: 137351
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 18.7 15.0 22.4
108 14.2 10.5 15.7



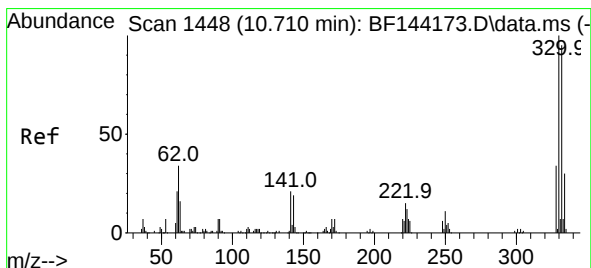
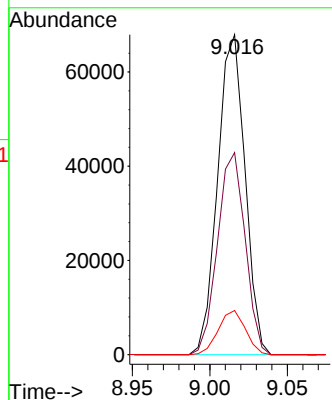
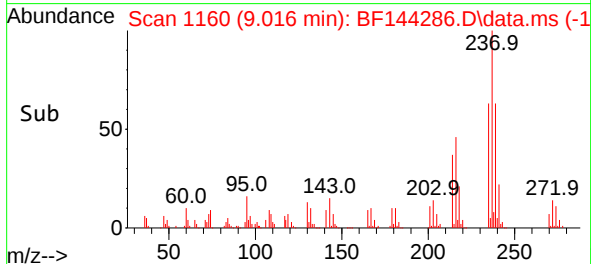


#41
Hexachlorocyclopentadiene
Concen: 76.740 ng
RT: 9.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

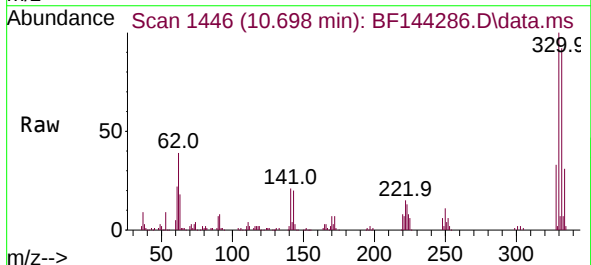
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



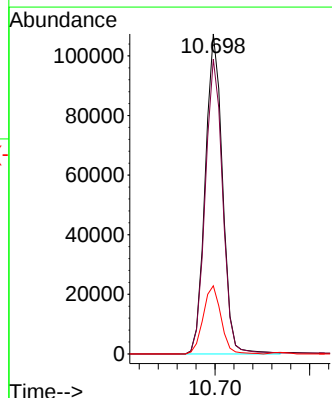
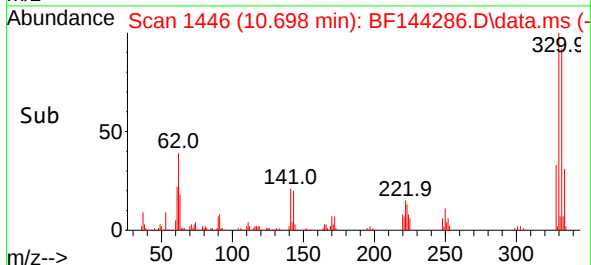
Tgt Ion:237 Resp: 83415
Ion Ratio Lower Upper
237 100
235 63.1 45.5 85.5
272 13.8 0.0 33.5

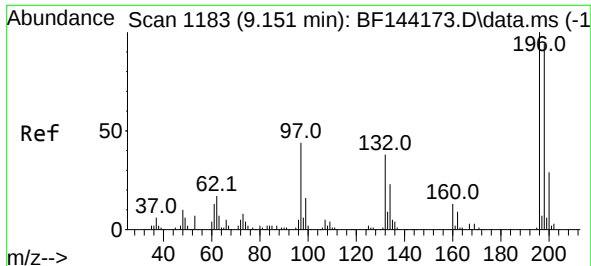


#42
2,4,6-Tribromophenol
Concen: 125.703 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18



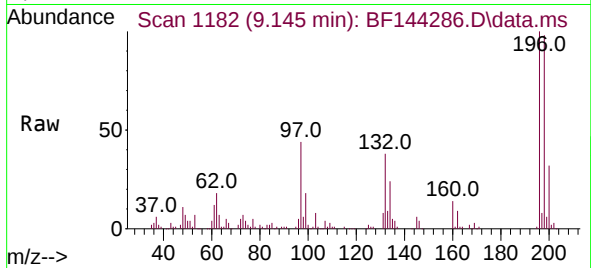
Tgt Ion:330 Resp: 136171
Ion Ratio Lower Upper
330 100
332 93.1 76.7 115.1
141 21.9 17.8 26.8



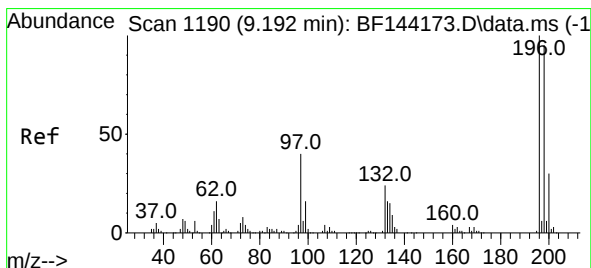
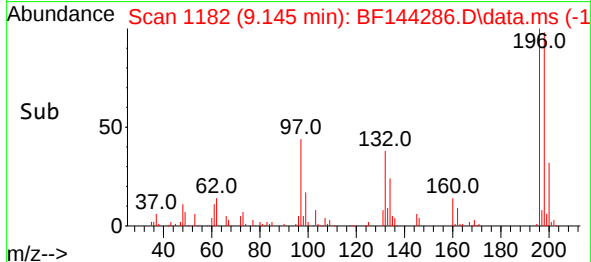
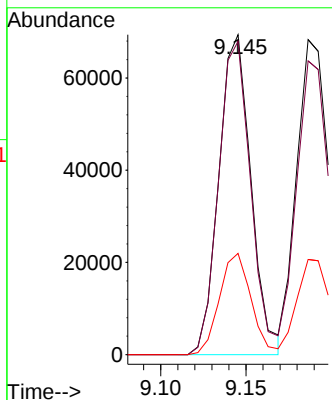


#43
2,4,6-Trichlorophenol
Concen: 47.175 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

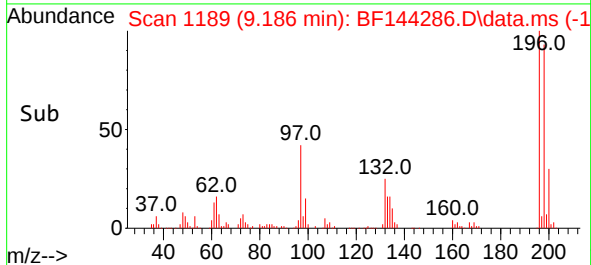
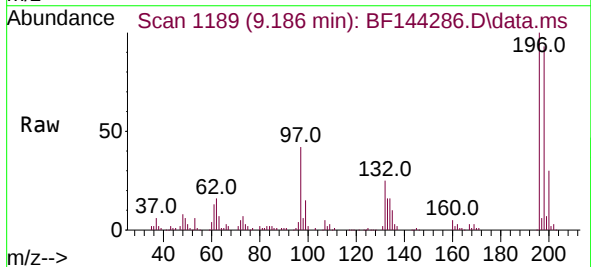
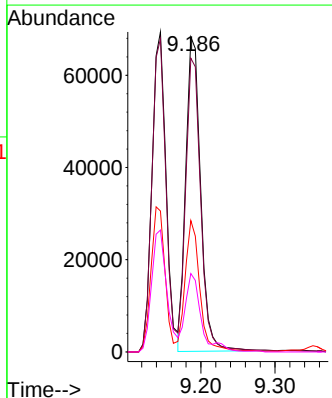


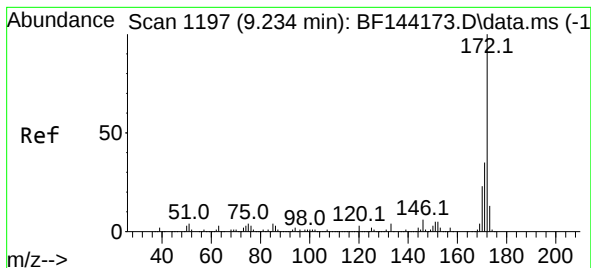
Tgt Ion:196 Resp: 90839
Ion Ratio Lower Upper
196 100
198 97.9 75.3 112.9
200 31.6 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 45.864 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:196 Resp: 95182
Ion Ratio Lower Upper
196 100
198 93.2 76.1 114.1
97 41.7 31.9 47.9
132 24.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 95.327 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

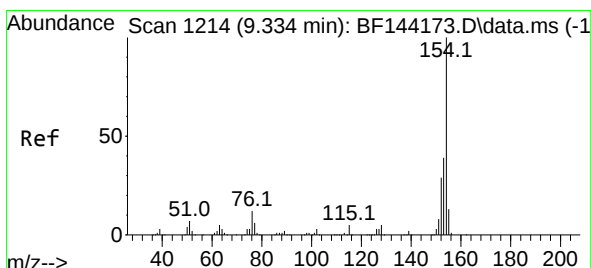
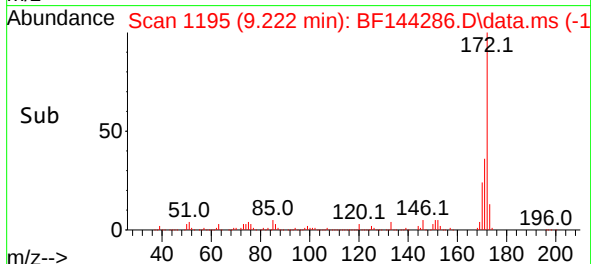
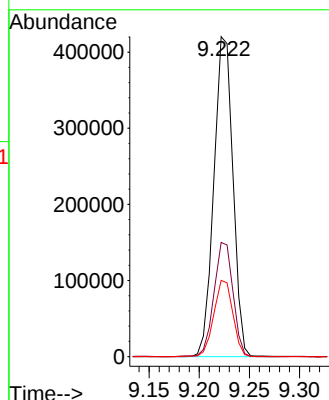
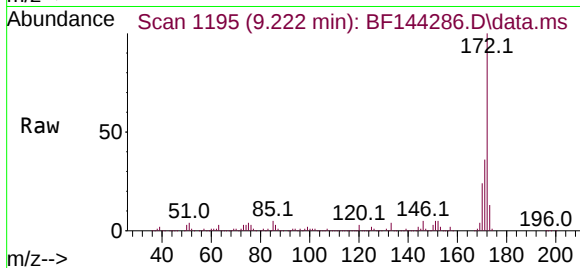
Tgt Ion:172 Resp: 557172

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 50.628 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

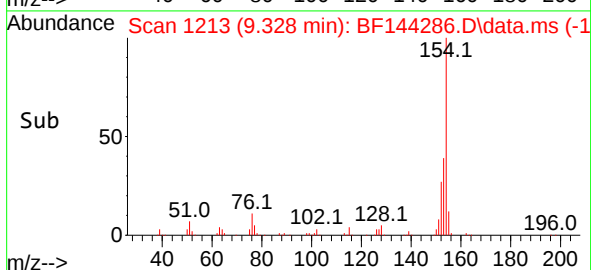
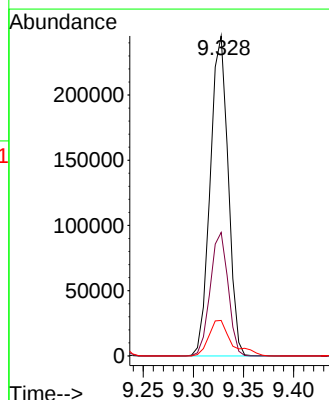
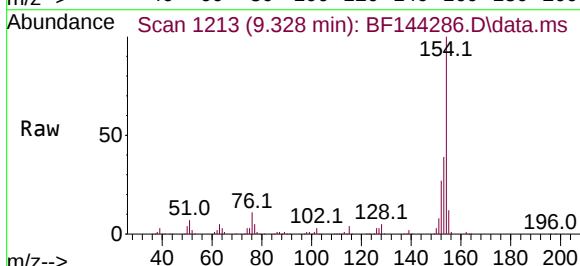
Tgt Ion:154 Resp: 305070

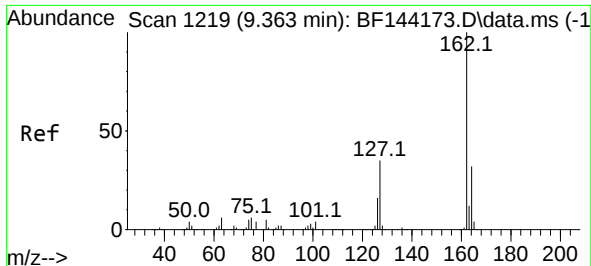
Ion Ratio Lower Upper

154 100

153 38.6 19.2 59.2

76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.043 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

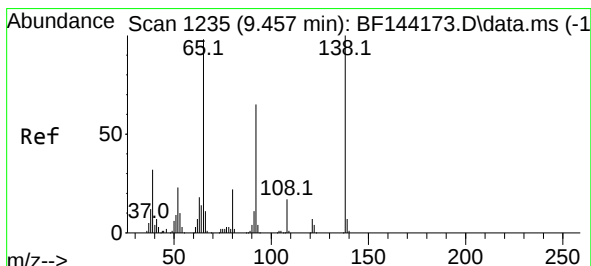
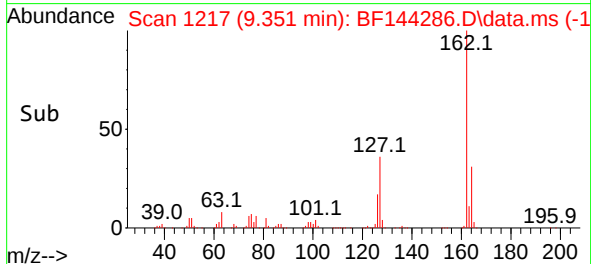
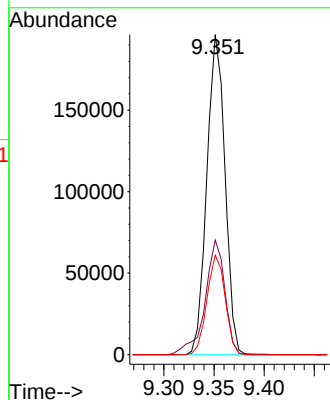
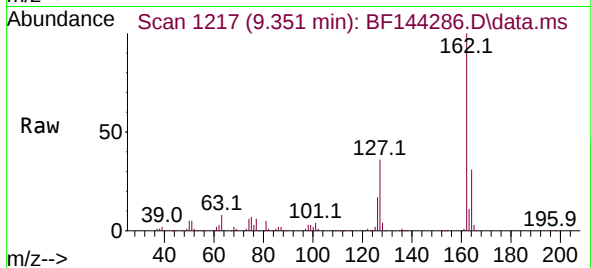
Tgt Ion:162 Resp: 246944

Ion Ratio Lower Upper

162 100

127 35.8 28.8 43.2

164 31.1 25.8 38.8



#48

2-Nitroaniline

Concen: 49.333 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

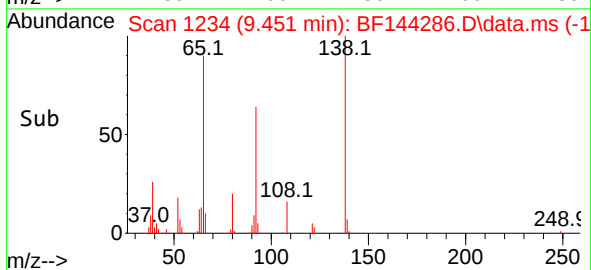
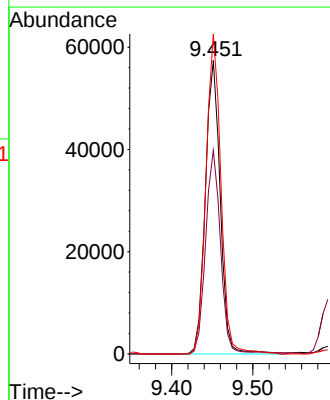
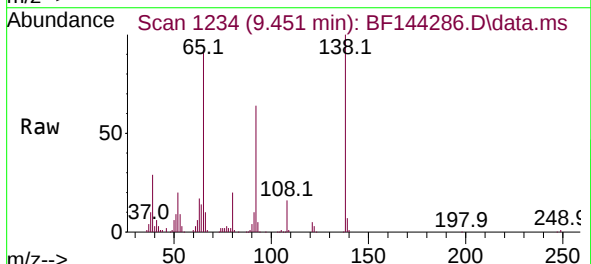
Tgt Ion: 65 Resp: 73165

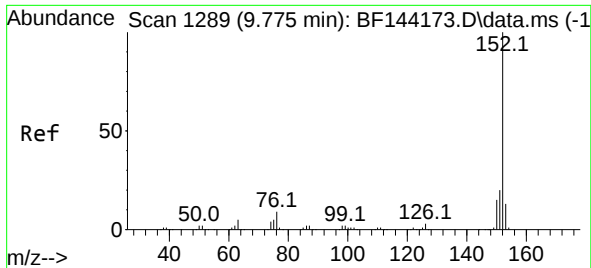
Ion Ratio Lower Upper

65 100

92 69.4 53.0 79.6

138 109.1 81.6 122.4

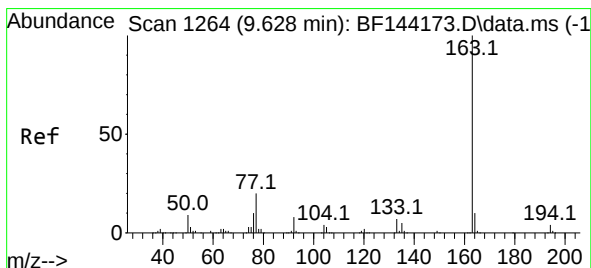
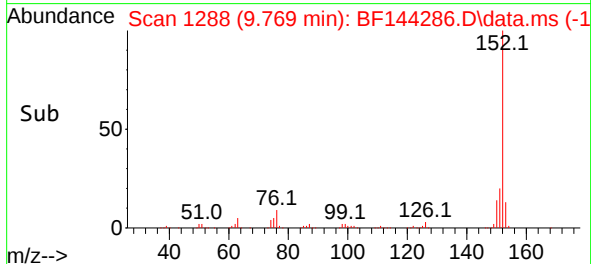
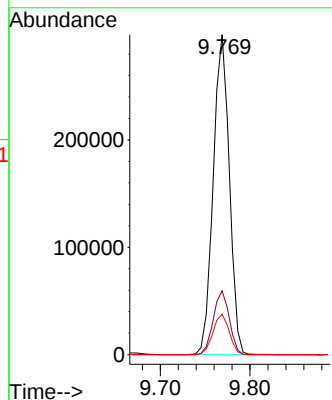
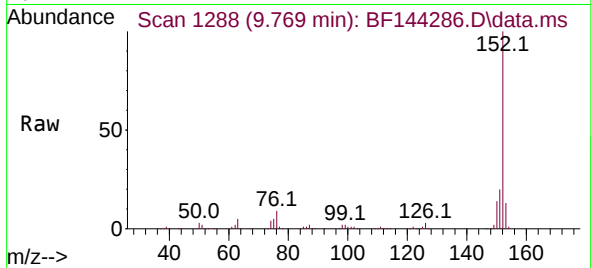




#49
Acenaphthylene
Concen: 53.376 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

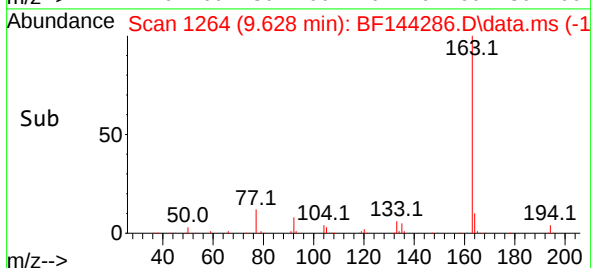
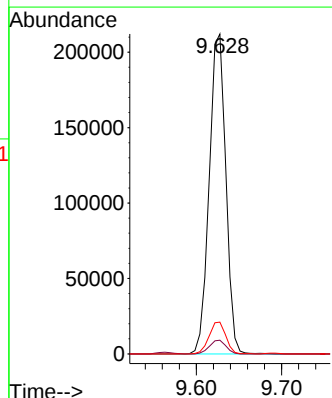
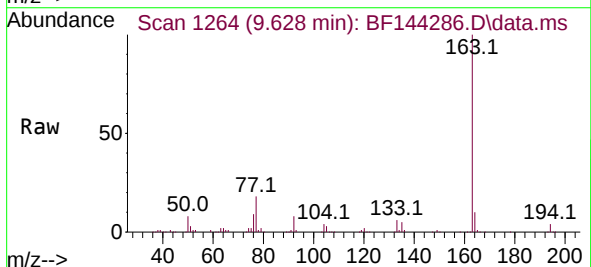
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

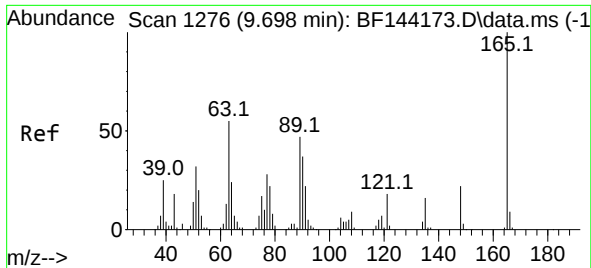
Tgt Ion:152 Resp: 373873
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.6 10.5 15.7



#50
Dimethylphthalate
Concen: 50.142 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:163 Resp: 286753
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 8.1 12.1

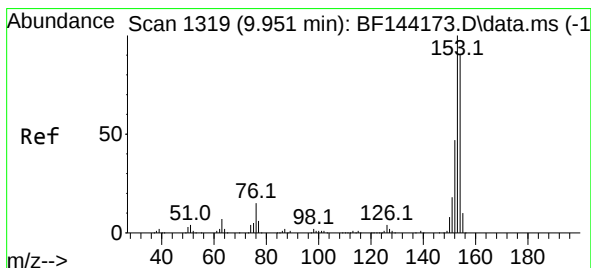
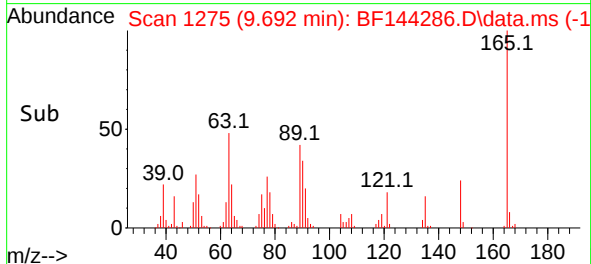
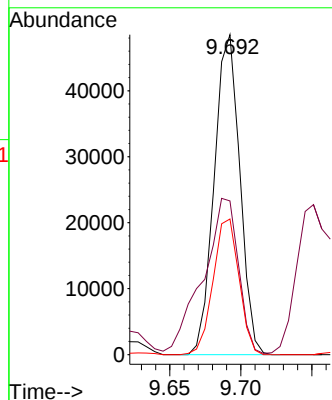
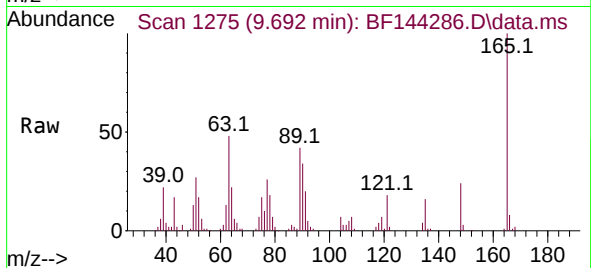




#51
2,6-Dinitrotoluene
Concen: 52.673 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

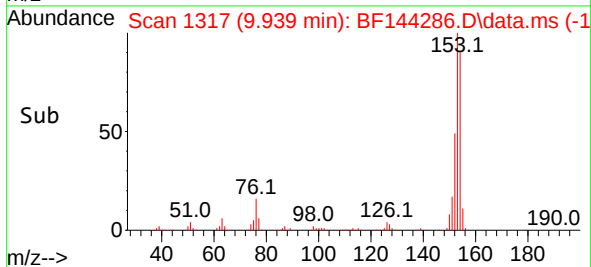
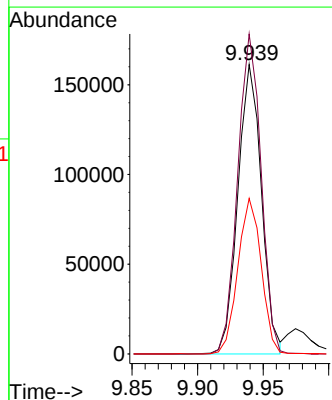
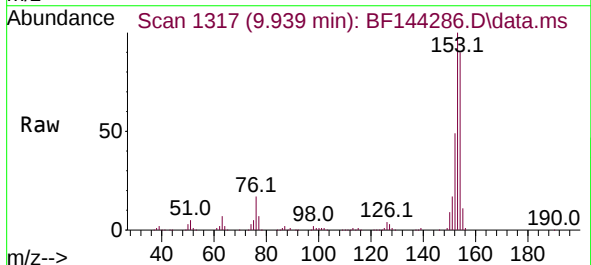
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

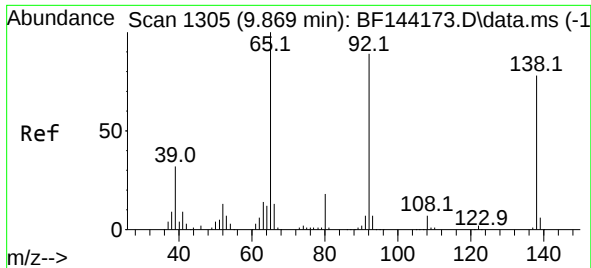
Tgt Ion:165 Resp: 60979
Ion Ratio Lower Upper
165 100
63 48.0 43.8 65.8
89 42.4 37.5 56.3



#52
Acenaphthene
Concen: 43.107 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:154 Resp: 201915
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.4
152 53.7 42.2 63.4

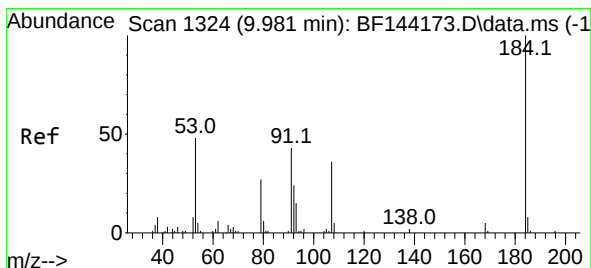
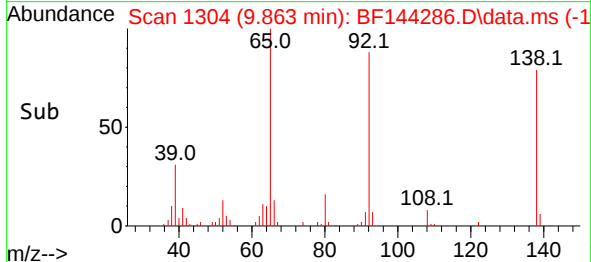
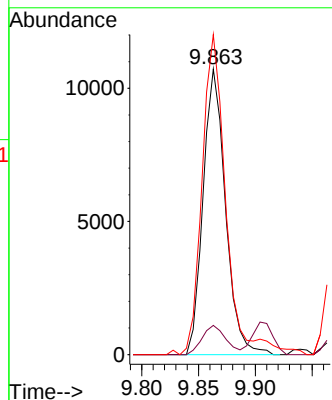
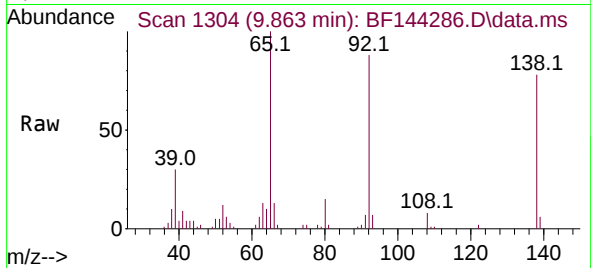




#53
3-Nitroaniline
Concen: 11.612 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

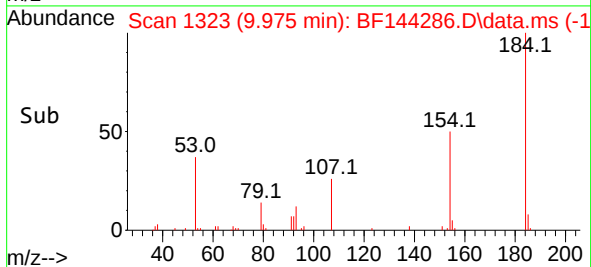
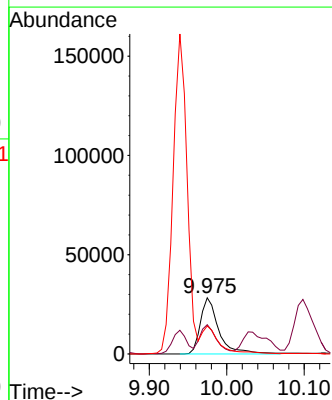
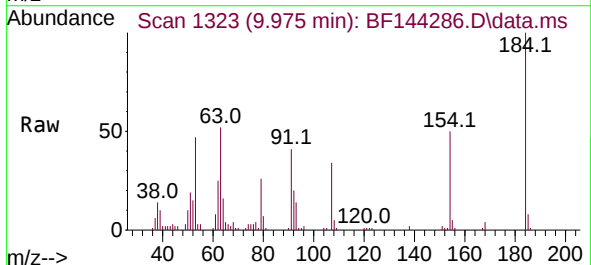
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

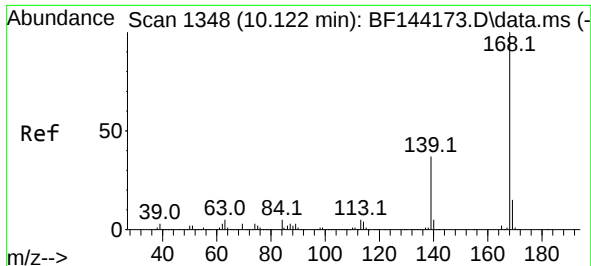
Tgt Ion:138 Resp: 14695
Ion Ratio Lower Upper
138 100
108 10.2 7.5 11.3
92 112.1 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 66.202 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:184 Resp: 46280
Ion Ratio Lower Upper
184 100
63 52.2 44.0 66.0
154 49.8 42.4 63.6





#55

Dibenzofuran

Concen: 47.036 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

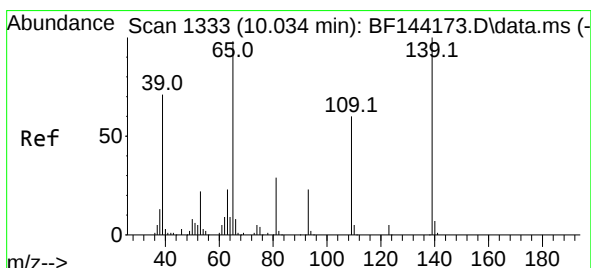
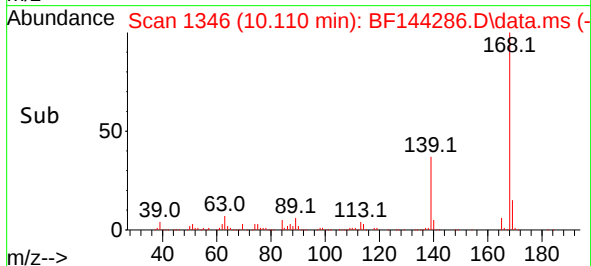
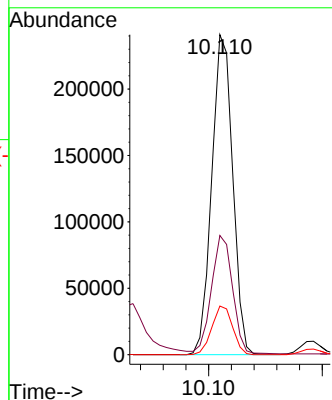
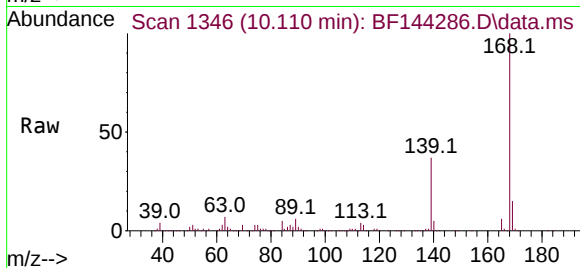
Tgt Ion:168 Resp: 308562

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 71.882 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

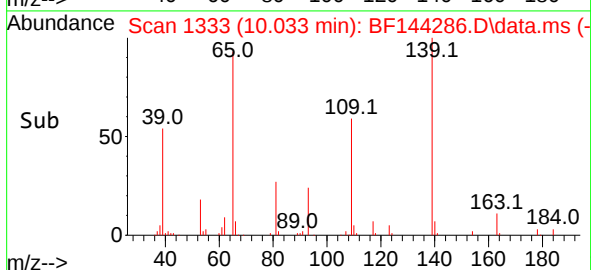
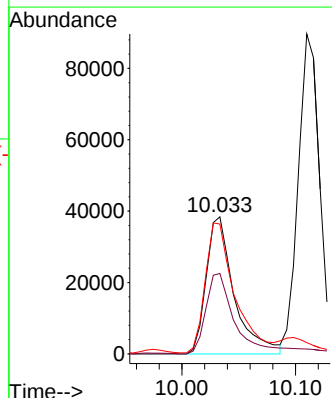
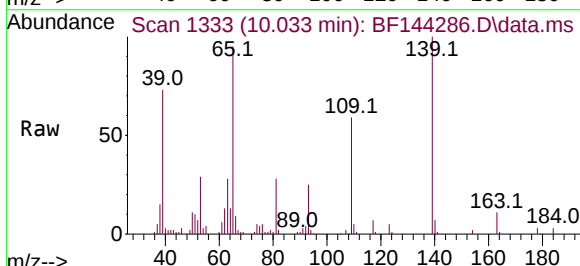
Tgt Ion:139 Resp: 65803

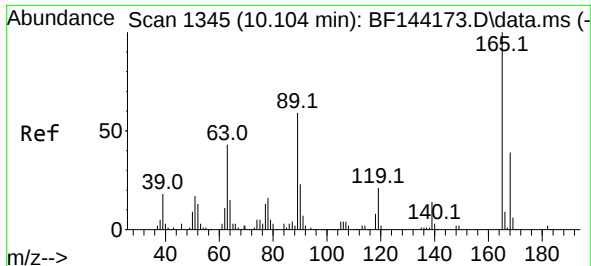
Ion Ratio Lower Upper

139 100

109 58.7 39.9 79.9

65 94.8 79.5 119.5

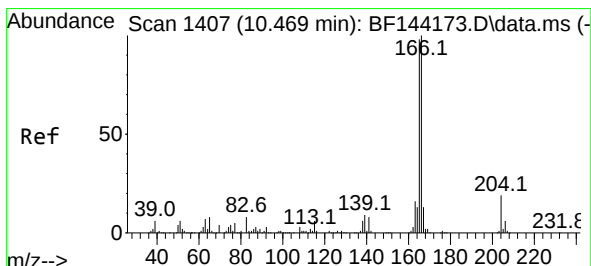
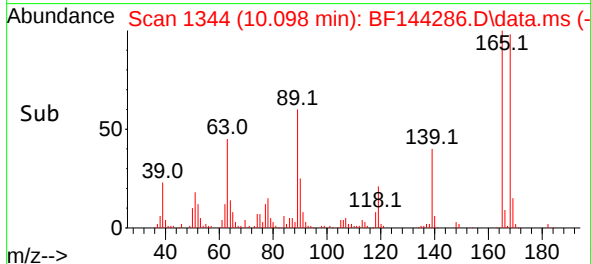
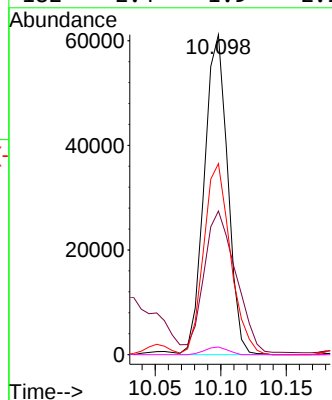
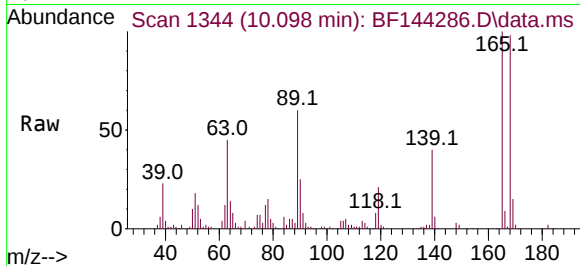




#57
2,4-Dinitrotoluene
Concen: 48.956 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

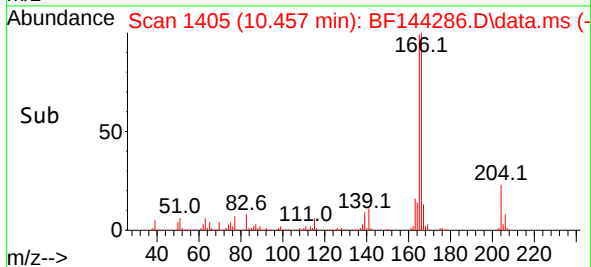
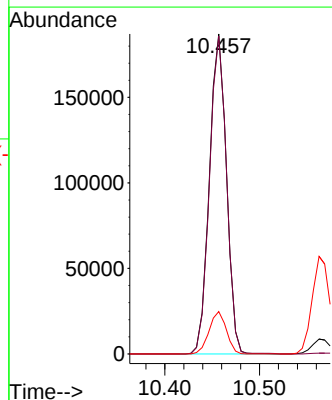
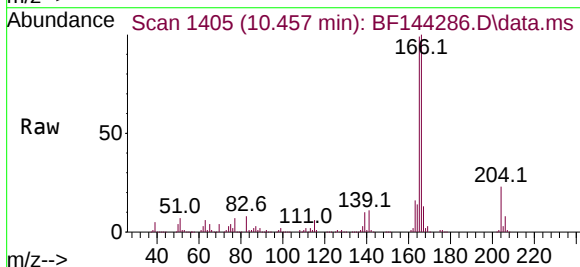
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

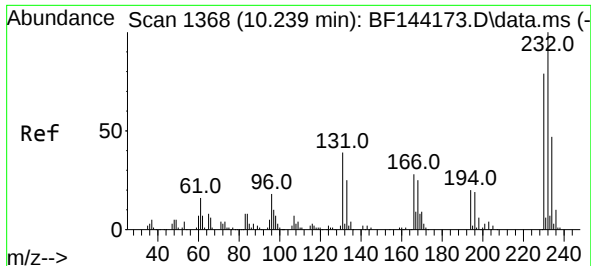
Tgt Ion:165 Resp: 75871
Ion Ratio Lower Upper
165 100
63 44.9 35.5 53.3
89 59.7 47.4 71.2
182 2.4 1.9 2.9



#58
Fluorene
Concen: 46.971 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:166 Resp: 234276
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 13.2 10.4 15.6

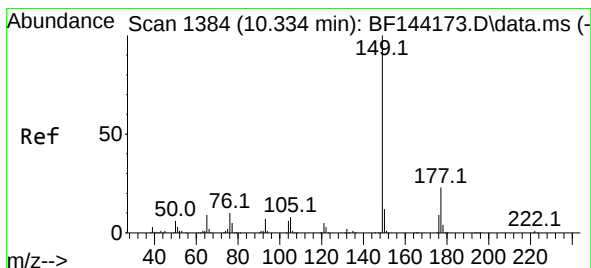
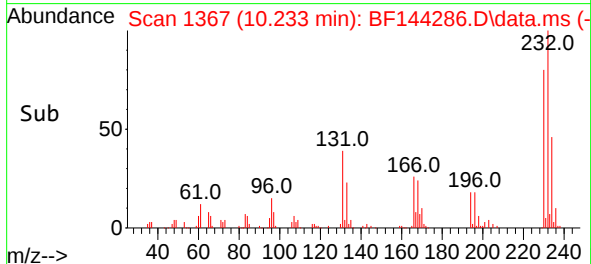
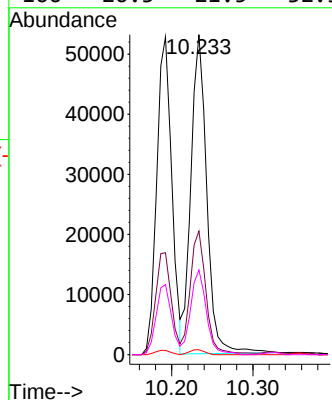
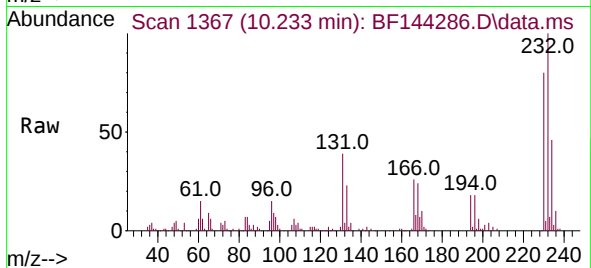




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.049 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

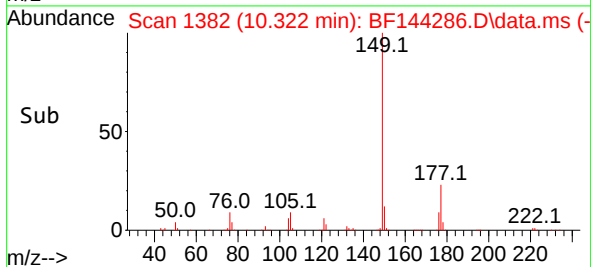
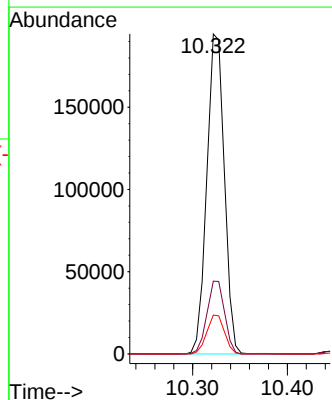
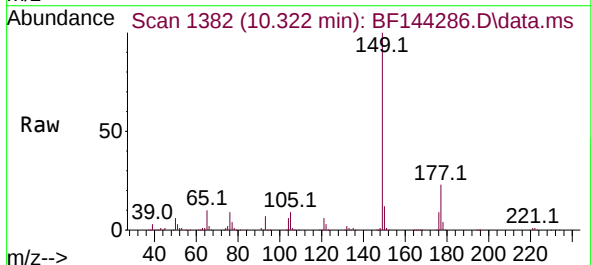
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

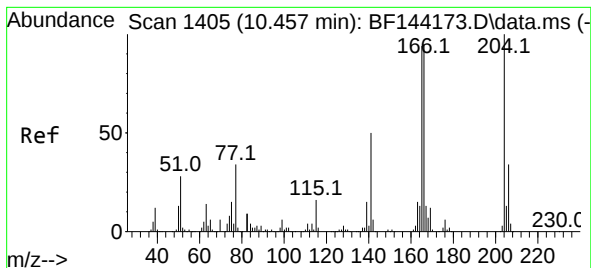
Tgt Ion:232 Resp: 72019
Ion Ratio Lower Upper
232 100
131 37.5 30.3 45.5
130 1.5 1.2 1.8
166 26.3 21.5 32.3



#60
Diethylphthalate
Concen: 47.642 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:149 Resp: 251166
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.1 9.8 14.6

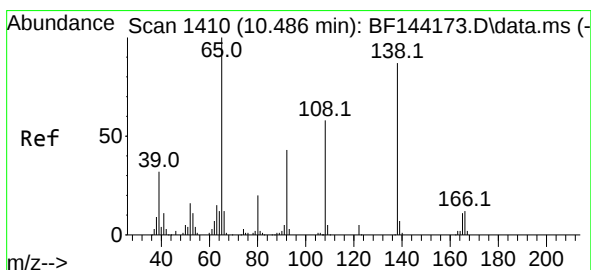
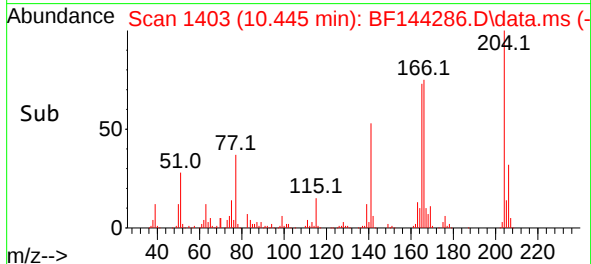
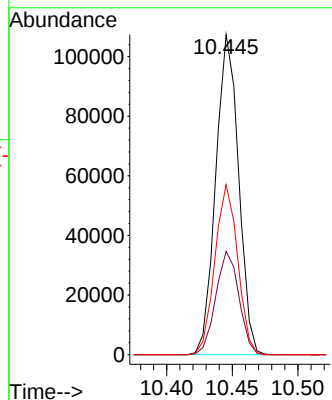
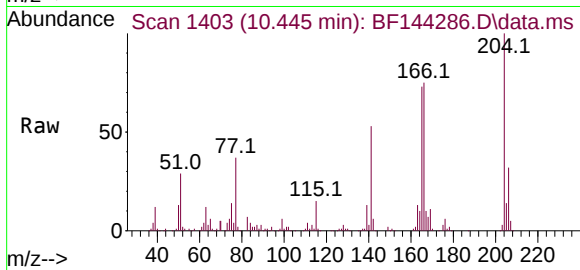




#61
4-Chlorophenyl-phenylether
Concen: 45.812 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

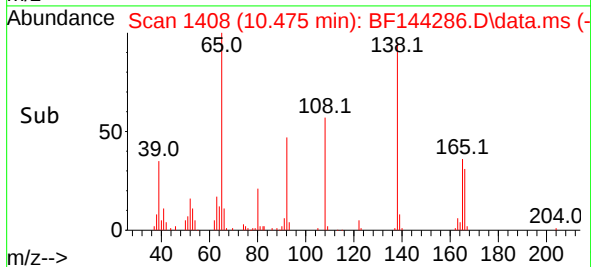
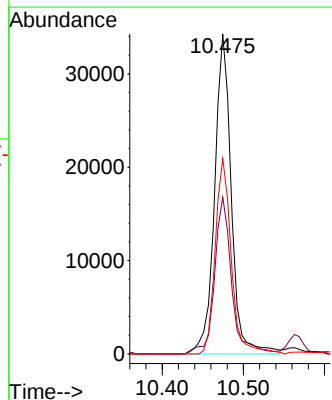
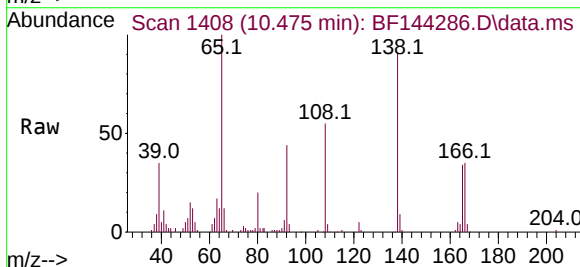
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

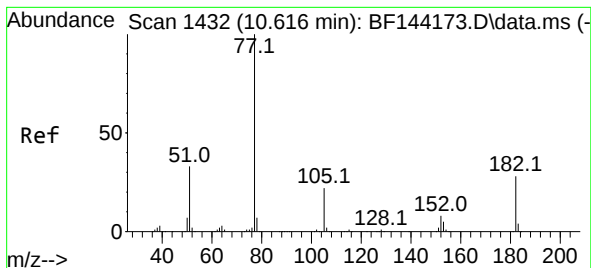
Tgt Ion:204 Resp: 130158
Ion Ratio Lower Upper
204 100
206 32.3 27.4 41.2
141 53.1 40.0 60.0



#62
4-Nitroaniline
Concen: 40.751 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:138 Resp: 49112
Ion Ratio Lower Upper
138 100
92 49.0 29.4 69.4
108 61.0 46.4 86.4





#63

Azobenzene

Concen: 47.270 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 231929

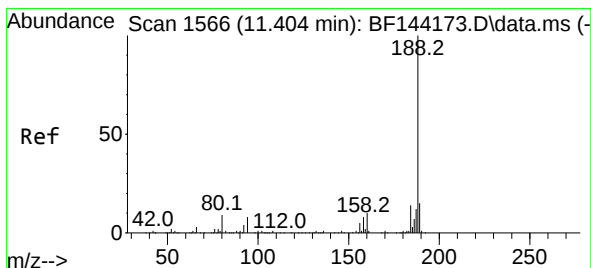
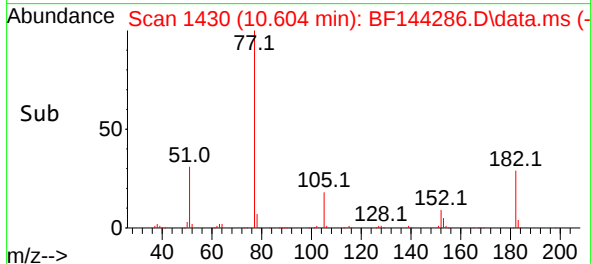
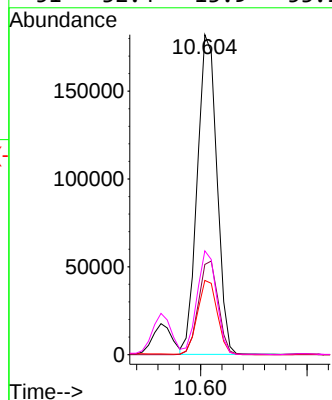
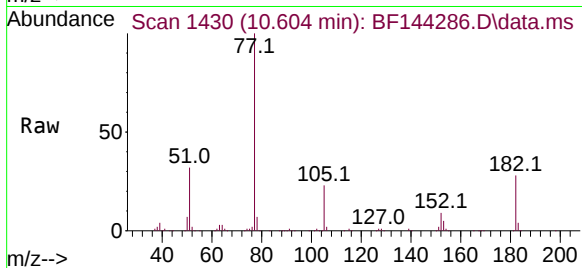
Ion Ratio Lower Upper

77 100

182 28.2 8.1 48.1

105 23.2 2.0 42.0

51 32.4 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: BF144286.D

Acq: 19 Nov 2025 19:18

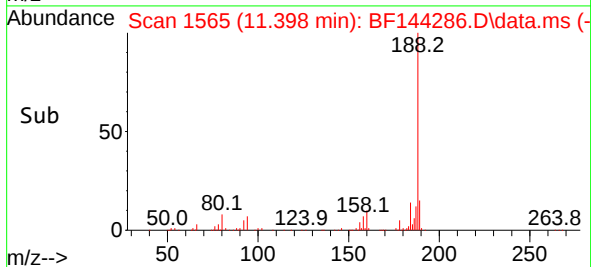
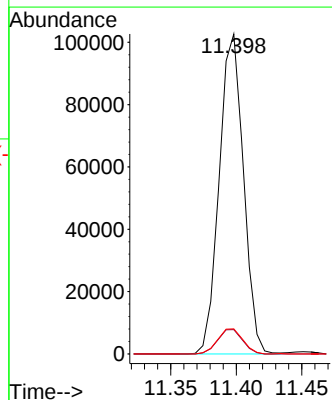
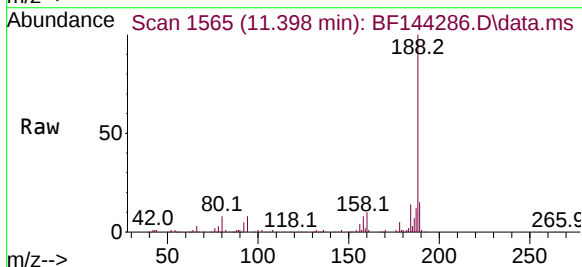
Tgt Ion: 188 Resp: 131941

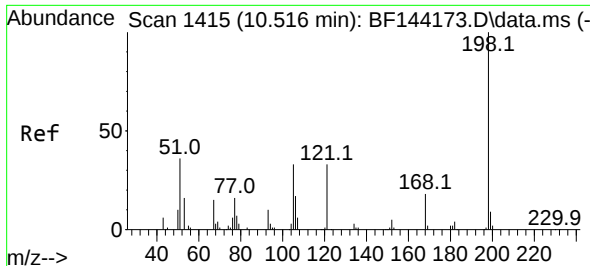
Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 7.9 6.9 10.3

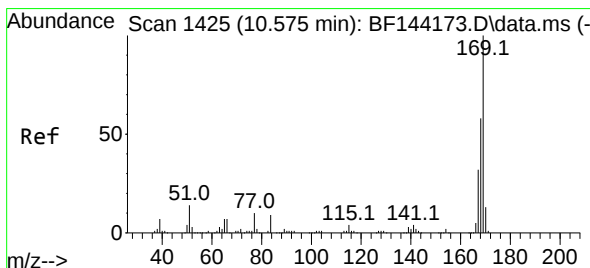
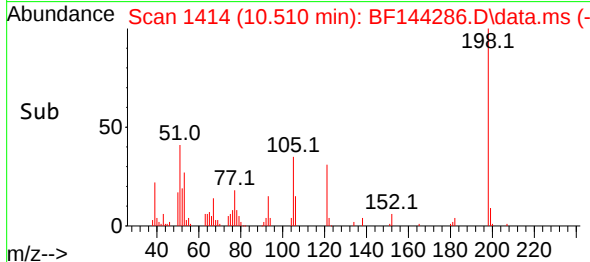
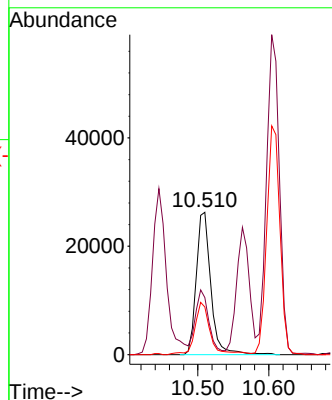
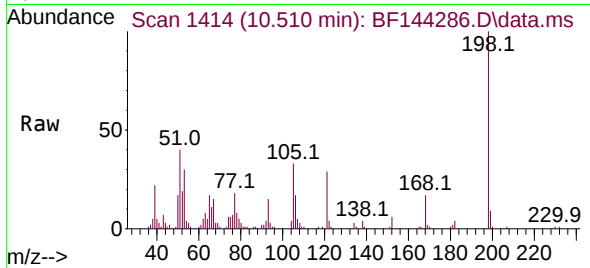




#65
4,6-Dinitro-2-methylphenol
Concen: 41.677 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

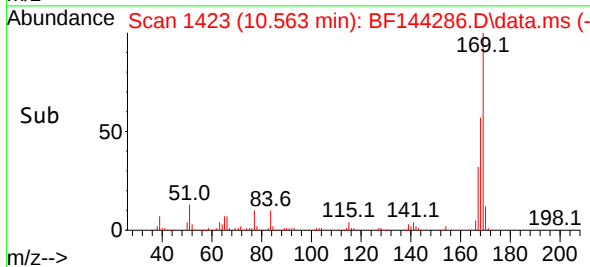
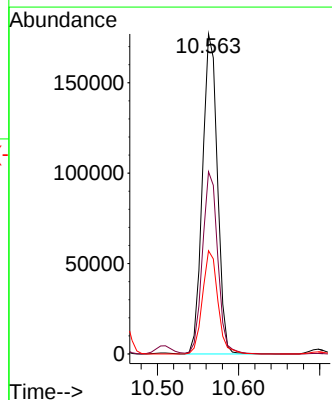
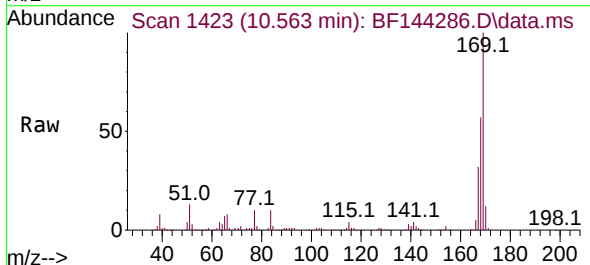
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

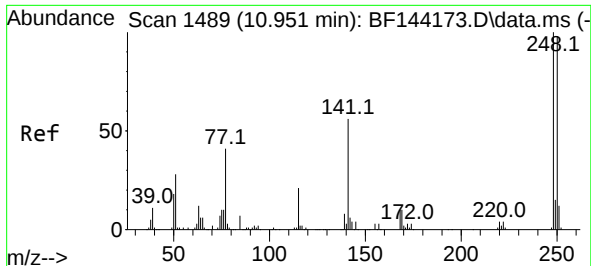
Tgt Ion:198 Resp: 37356
Ion Ratio Lower Upper
198 100
51 40.1 25.6 65.6
105 33.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 53.299 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:169 Resp: 226179
Ion Ratio Lower Upper
169 100
168 56.9 46.2 69.2
167 32.2 25.7 38.5

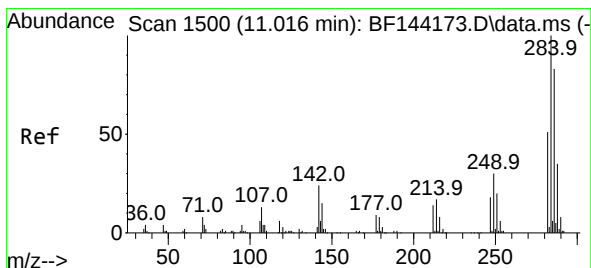
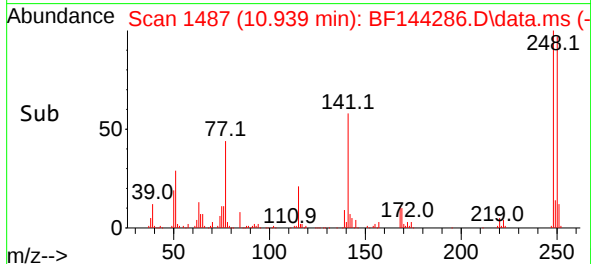
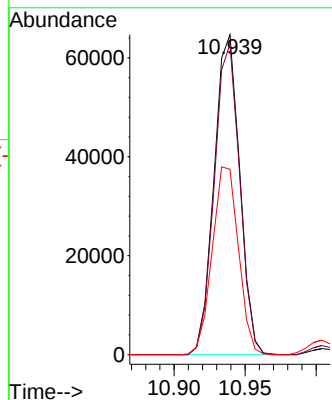
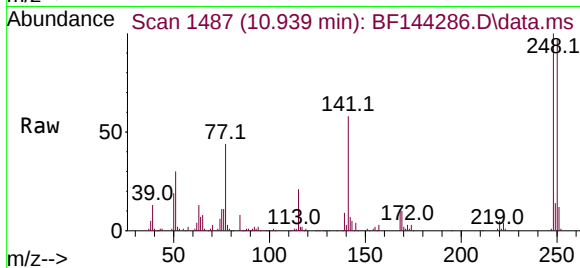




#67
4-Bromophenyl-phenylether
Concen: 48.166 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

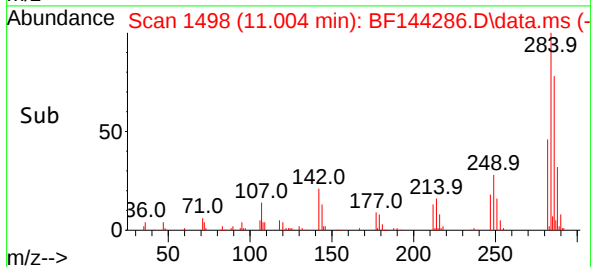
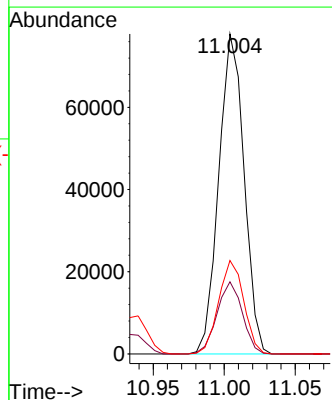
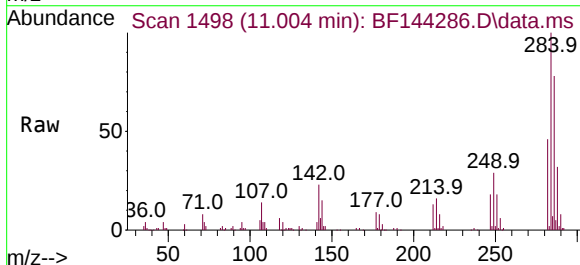
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

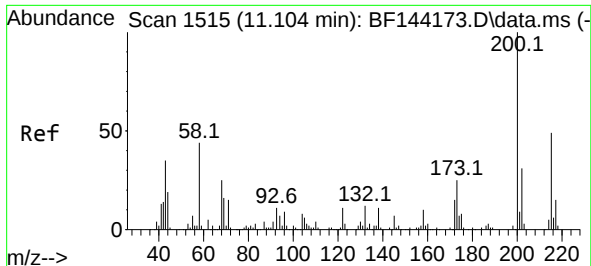
Tgt Ion:248 Resp: 81116
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 57.9 45.1 67.7



#68
Hexachlorobenzene
Concen: 48.640 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:284 Resp: 96484
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.2 23.8 35.8

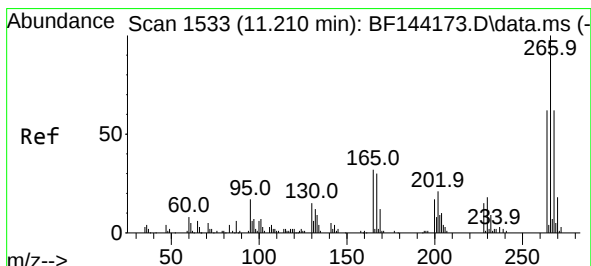
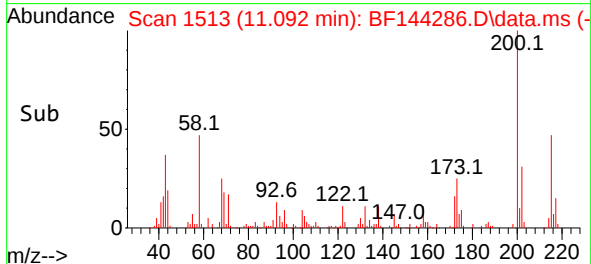
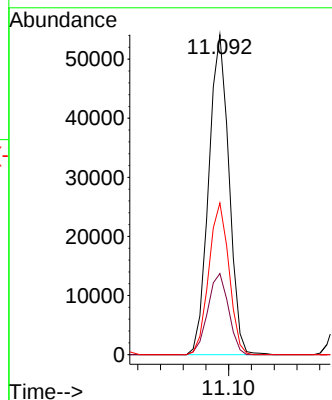
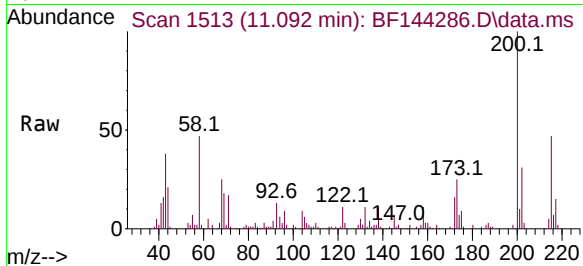




#69
 Atrazine
 Concen: 49.697 ng
 RT: 11.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

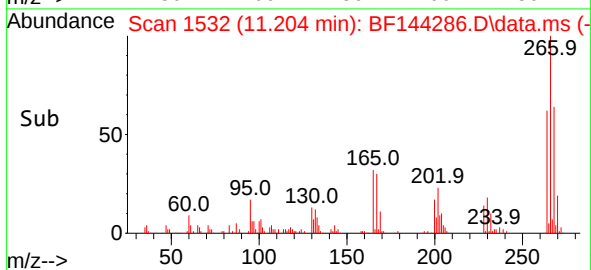
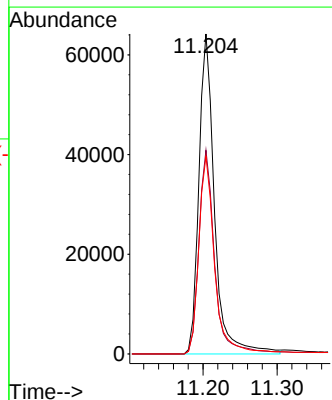
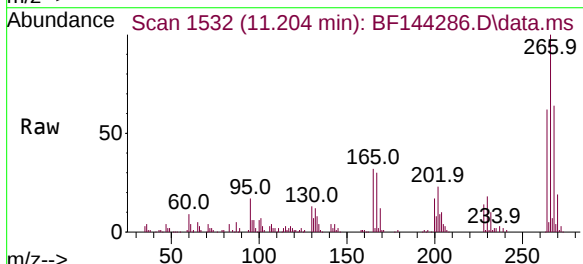
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

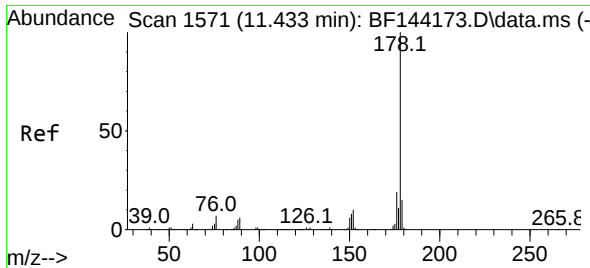
Tgt Ion:200 Resp: 67069
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.0 45.0
 215 47.4 28.7 68.7



#70
 Pentachlorophenol
 Concen: 95.377 ng
 RT: 11.204 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

Tgt Ion:266 Resp: 94212
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.5 74.3
 264 61.7 49.4 74.2

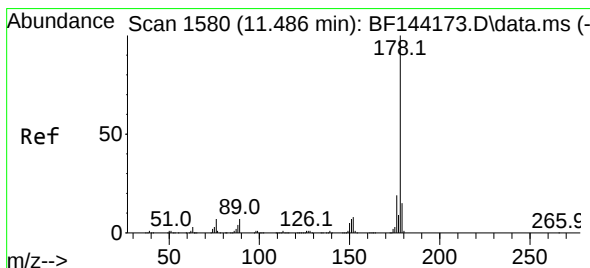
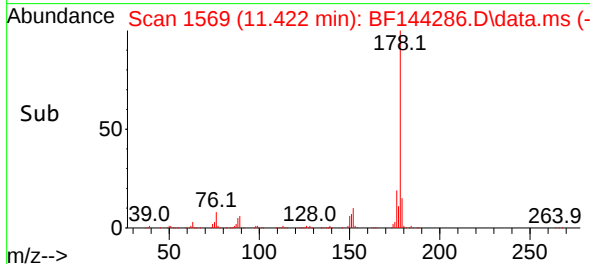
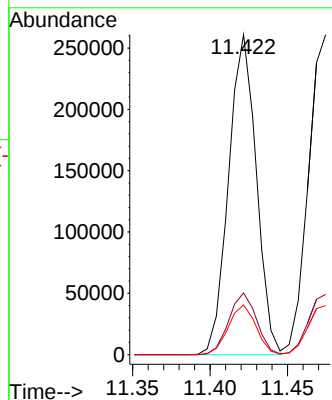
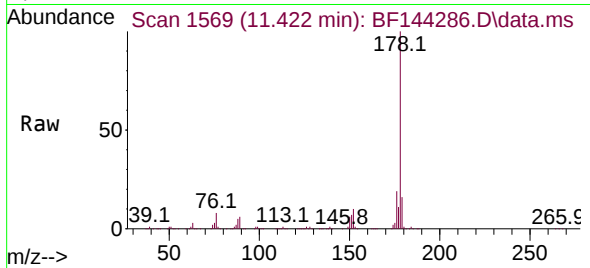




#71
Phenanthrene
Concen: 49.595 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

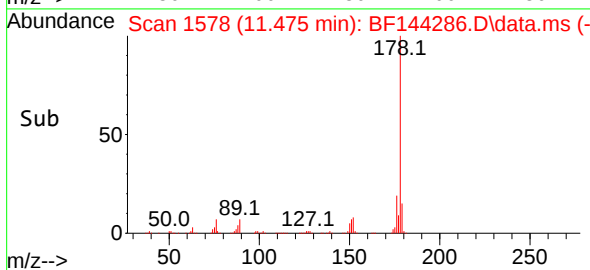
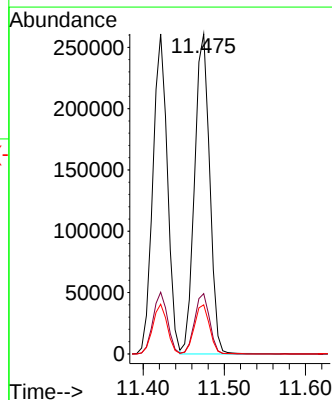
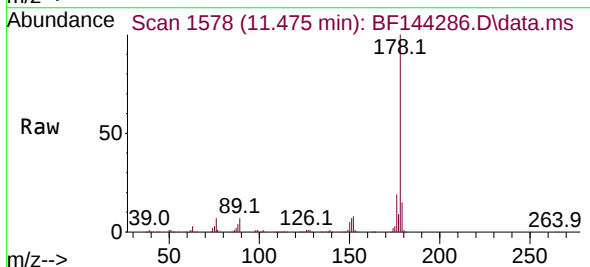
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

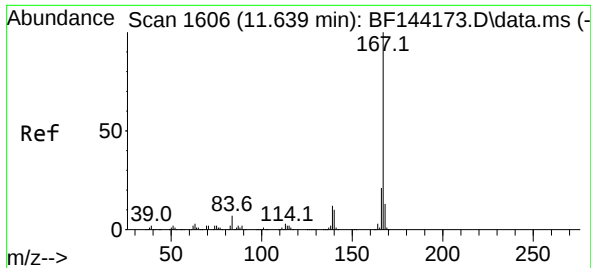
Tgt Ion:178 Resp: 325798
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 50.199 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:178 Resp: 335318
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.0 18.0

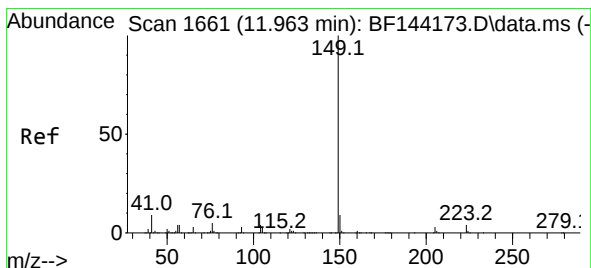
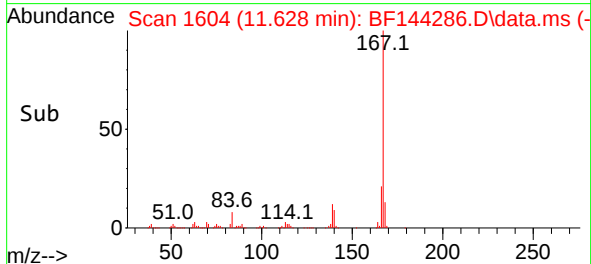
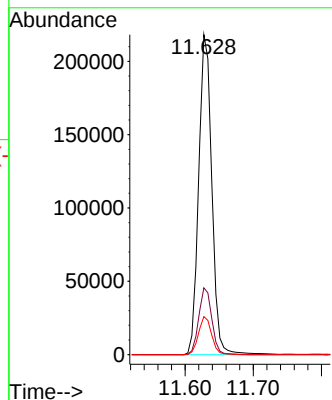
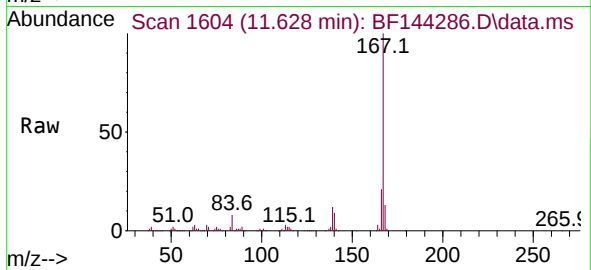




#73
Carbazole
Concen: 51.491 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

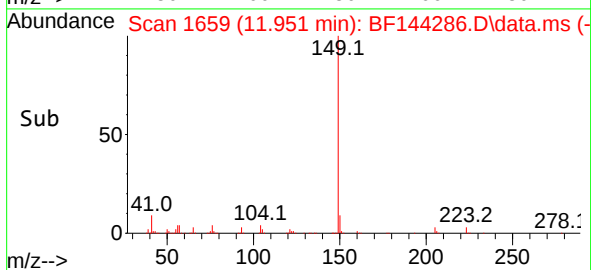
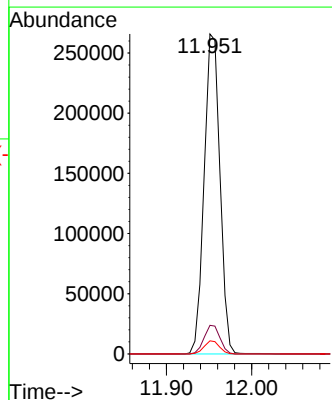
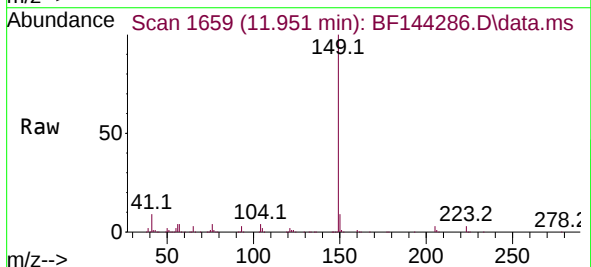
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

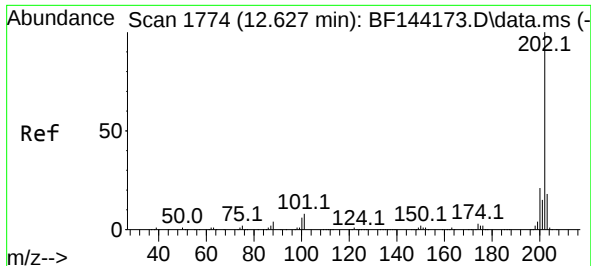
Tgt Ion:167 Resp: 292469
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 11.9 9.9 14.9



#74
Di-n-butylphthalate
Concen: 49.862 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:149 Resp: 342377
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.1 3.4 5.2

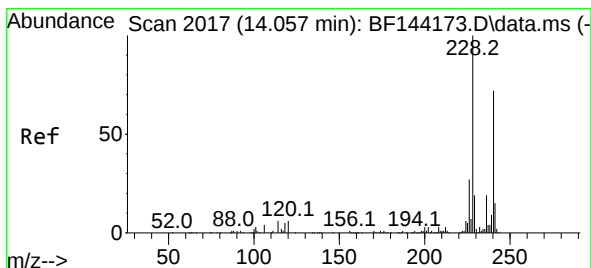
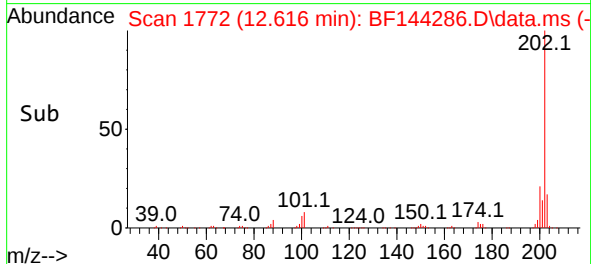
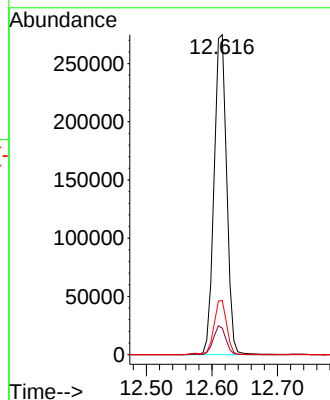
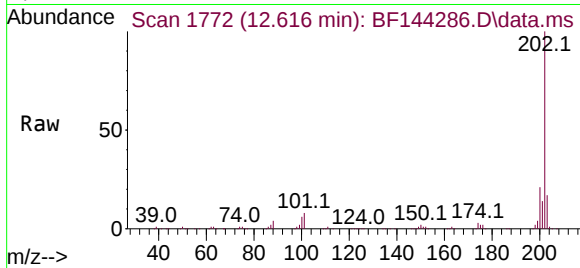




#75
Fluoranthene
Concen: 54.167 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

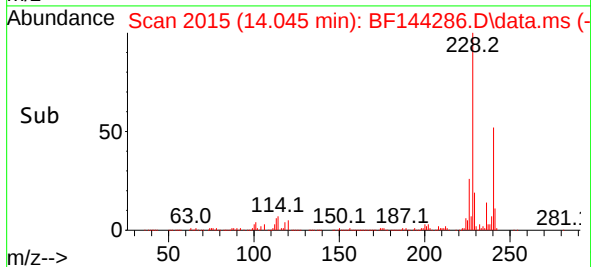
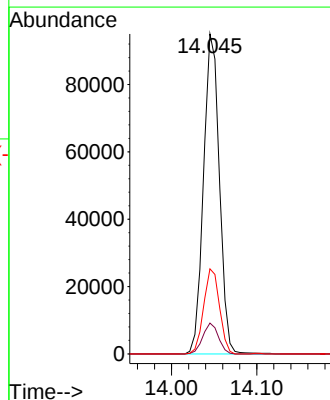
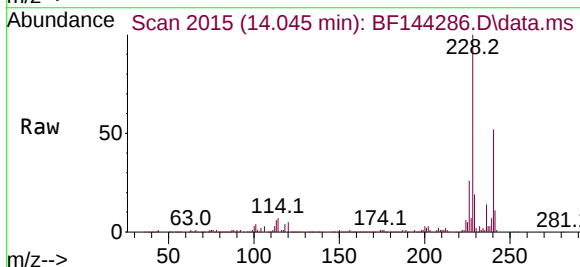
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

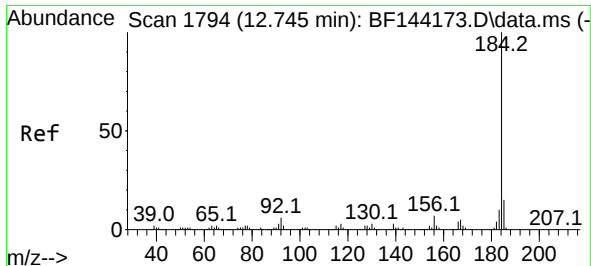
Tgt Ion:202 Resp: 367573
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.9
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:240 Resp: 122828
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 26.6 21.4 32.2

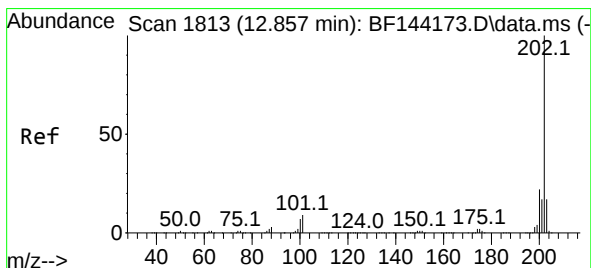
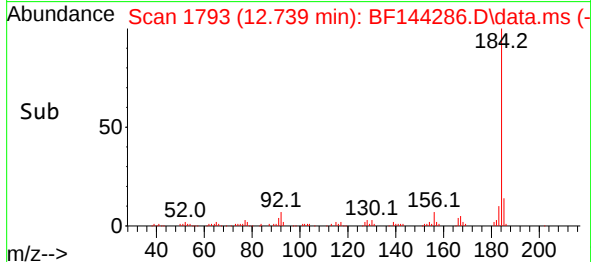
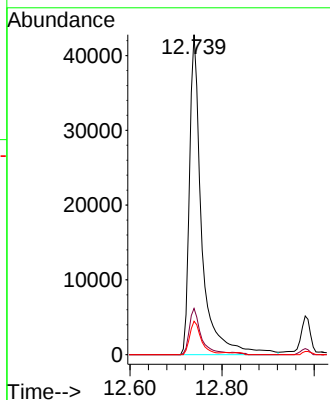
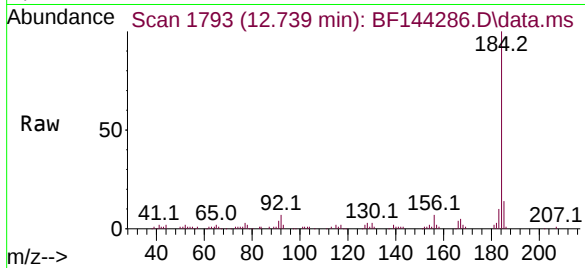




#77
Benzidine
Concen: 21.850 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

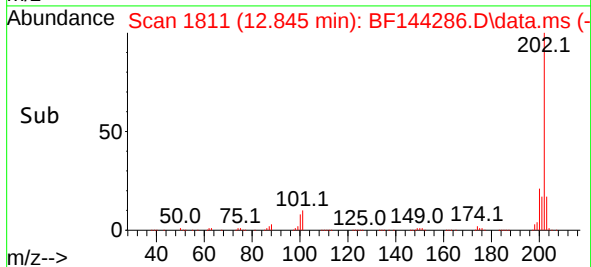
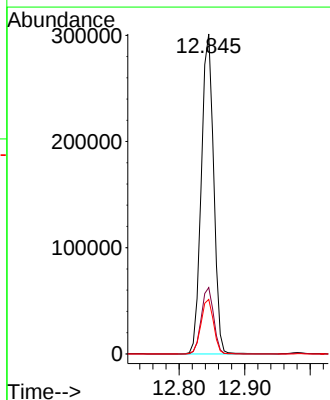
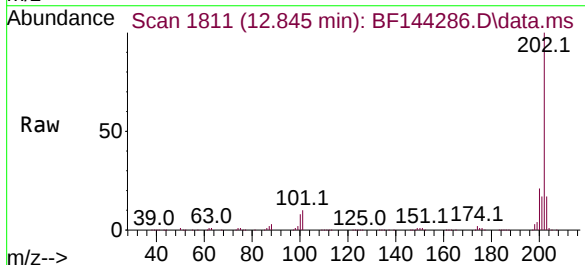
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

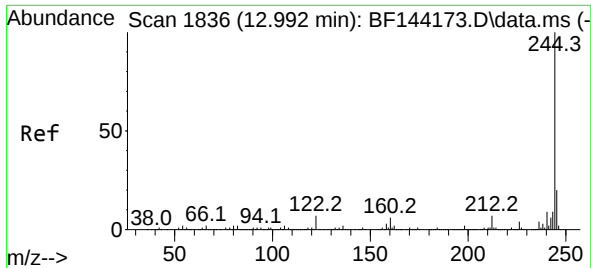
Tgt Ion:184 Resp: 79385
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.4 8.3 12.5



#78
Pyrene
Concen: 39.454 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:202 Resp: 390733
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.0 13.7 20.5

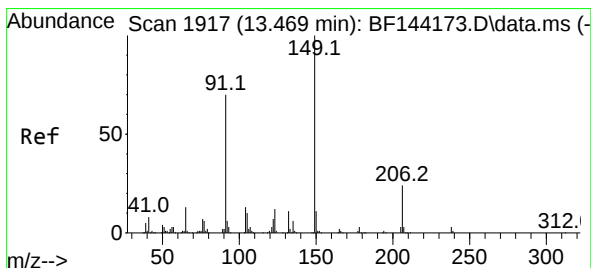
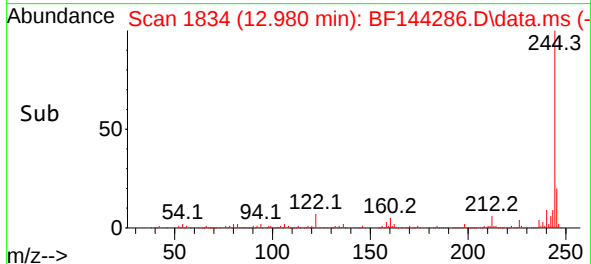
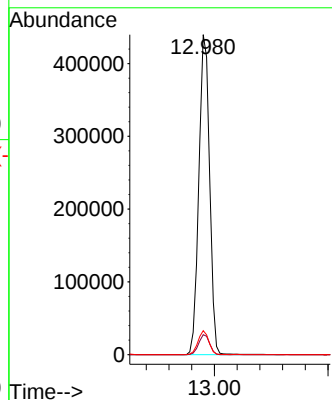
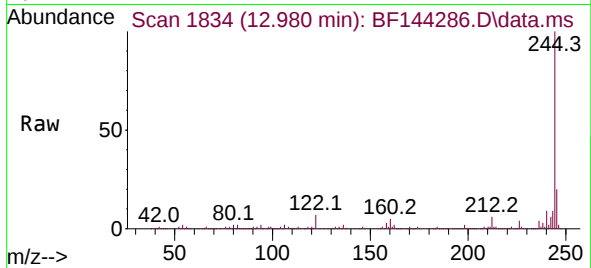




#79
 Terphenyl-d14
 Concen: 74.217 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

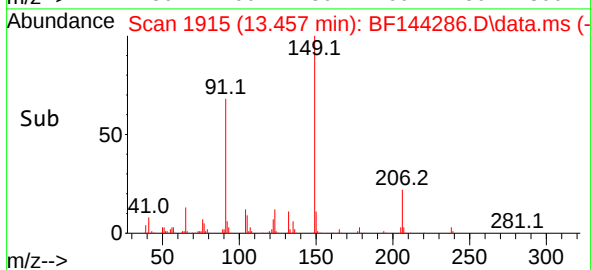
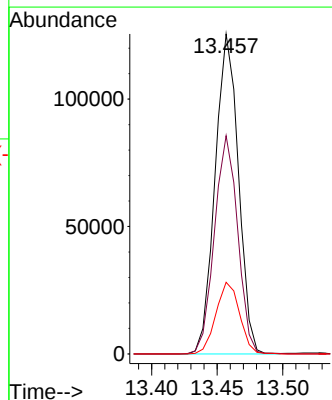
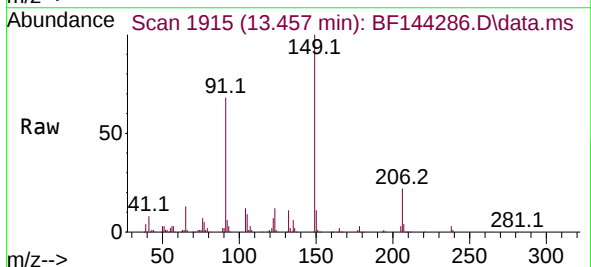
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

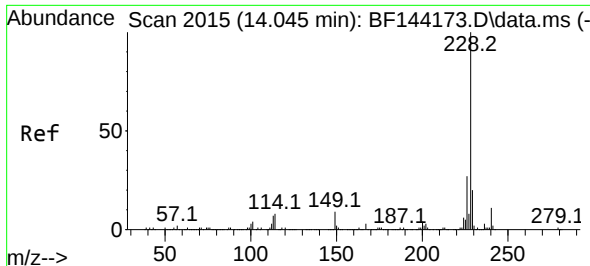
Tgt Ion:244 Resp: 573904
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 45.291 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

Tgt Ion:149 Resp: 155460
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.1 84.1
 206 22.4 18.8 28.2

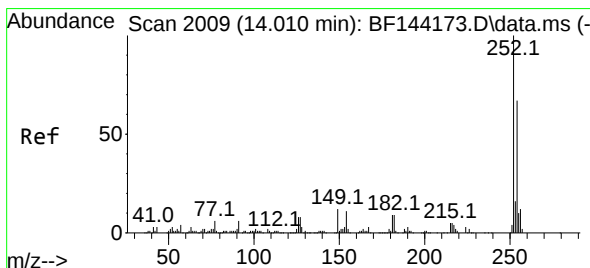
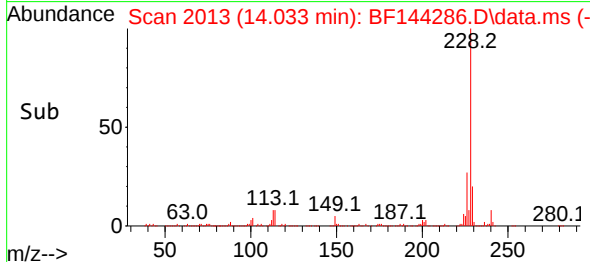
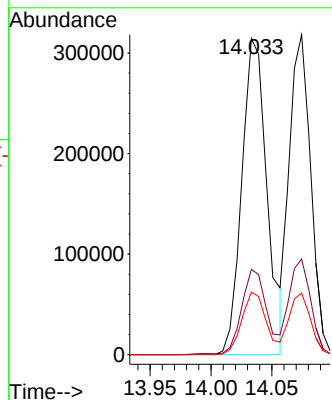
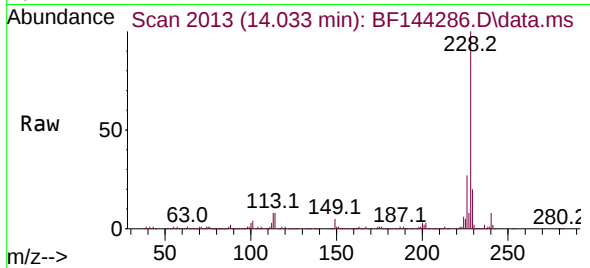




#81
Benzo(a)anthracene
Concen: 53.075 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

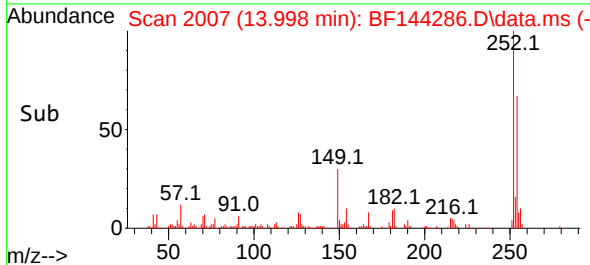
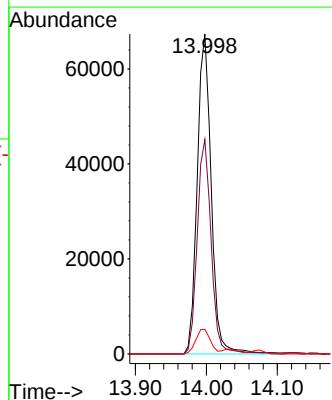
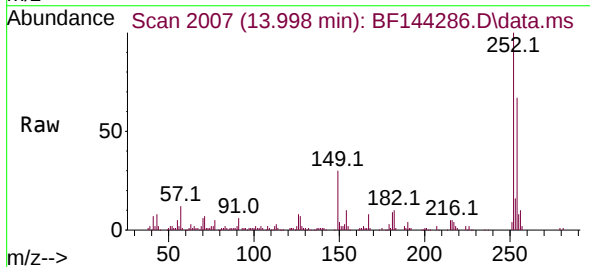
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

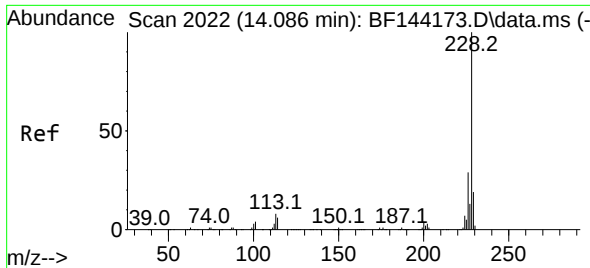
Tgt Ion:228 Resp: 451822
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.483 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:252 Resp: 91869
Ion Ratio Lower Upper
252 100
254 67.0 53.5 80.3
126 7.7 6.4 9.6

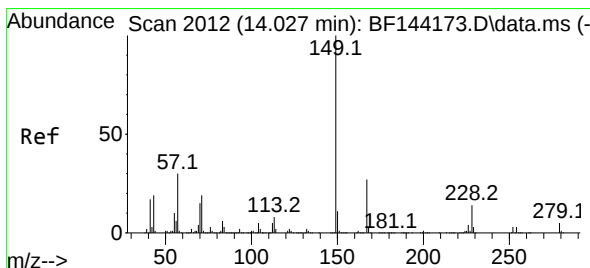
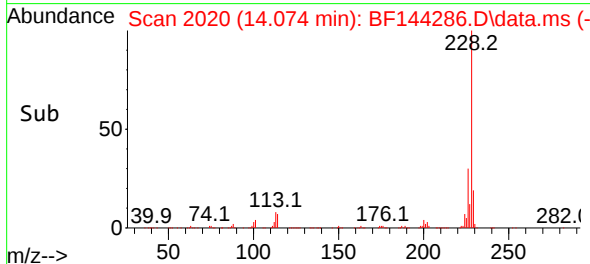
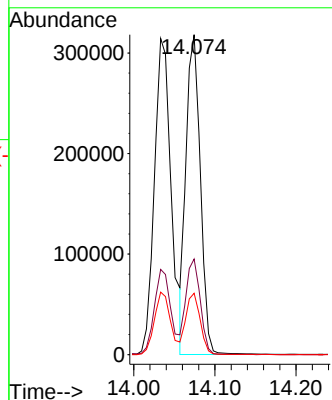
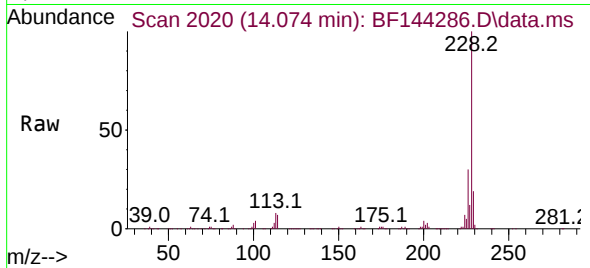




#83
Chrysene
Concen: 49.690 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

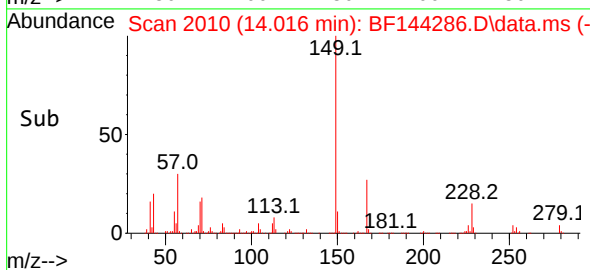
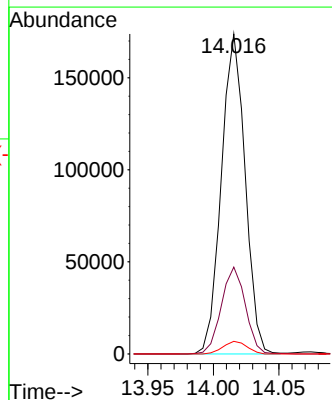
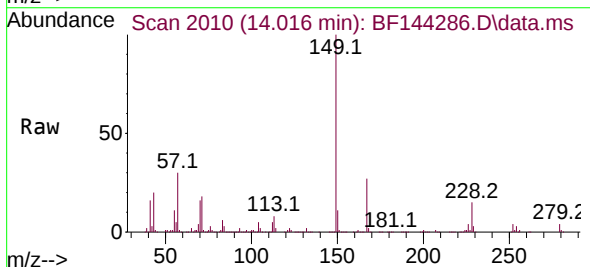
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

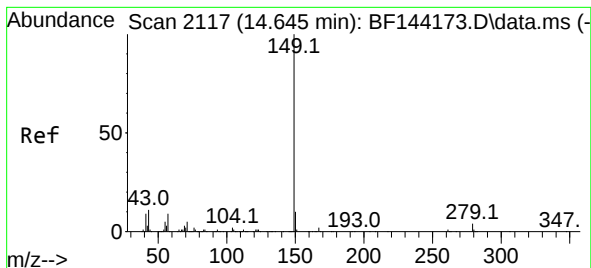
Tgt Ion:228	Resp: 390492
Ion Ratio	Lower Upper
228	100
226	29.9 22.9 34.3
229	19.2 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.711 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:149	Resp: 219488
Ion Ratio	Lower Upper
149	100
167	27.1 21.8 32.8
279	3.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.944 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

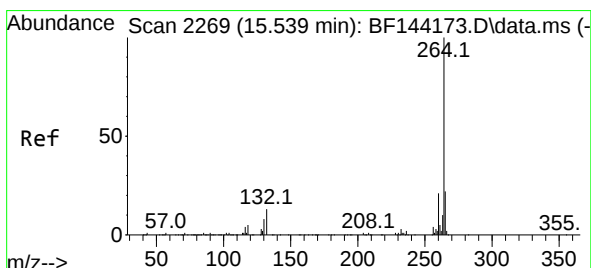
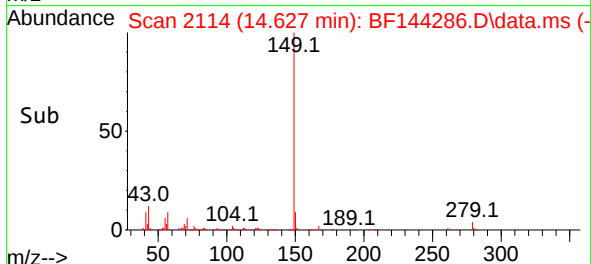
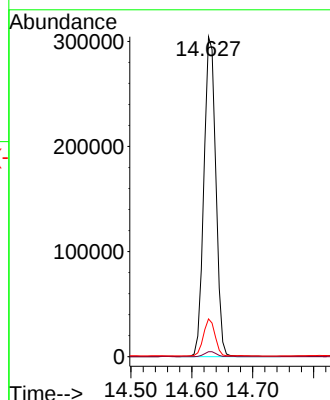
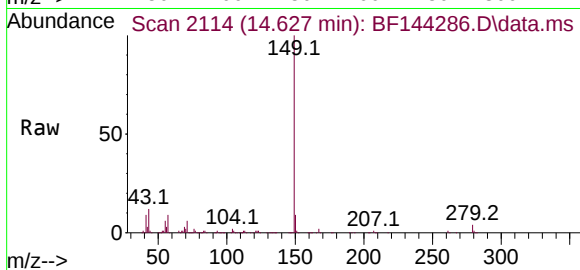
Tgt Ion:149 Resp: 413002

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 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: BF144286.D

Acq: 19 Nov 2025 19:18

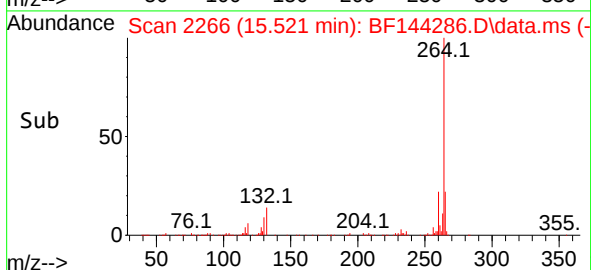
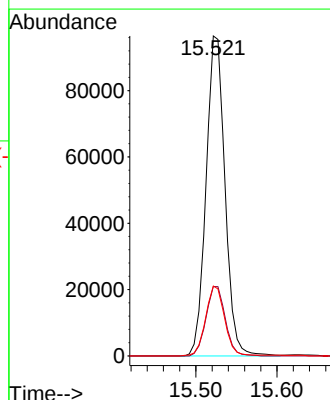
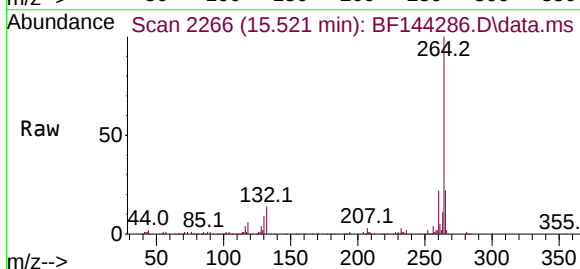
Tgt Ion:264 Resp: 156426

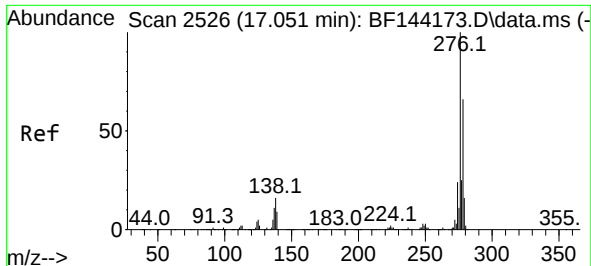
Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 21.8 17.4 26.0

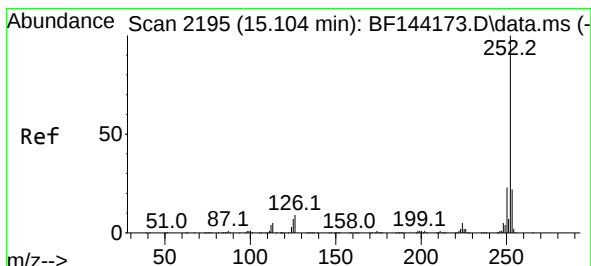
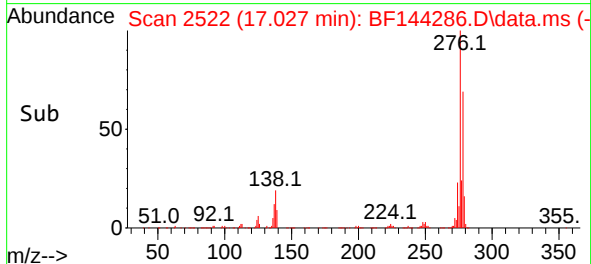
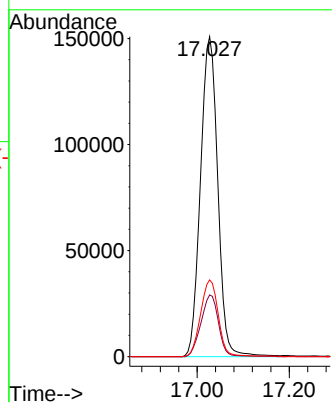
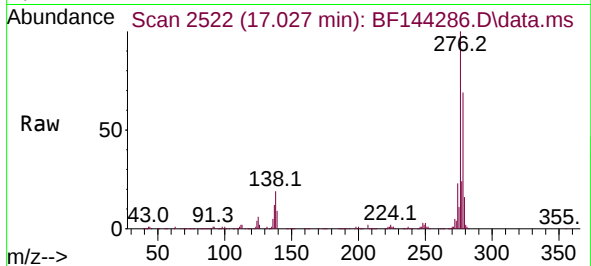




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.854 ng
 RT: 17.027 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

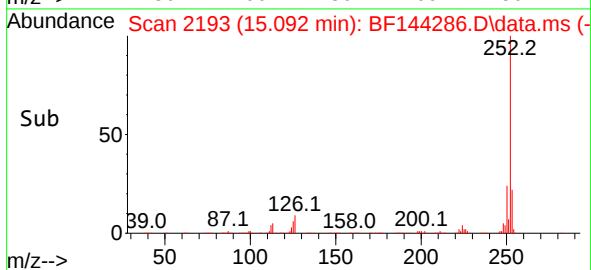
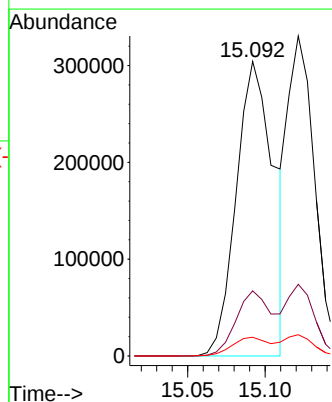
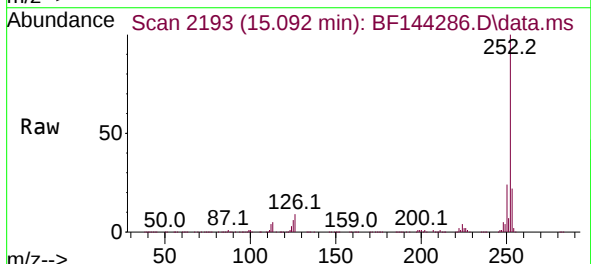
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

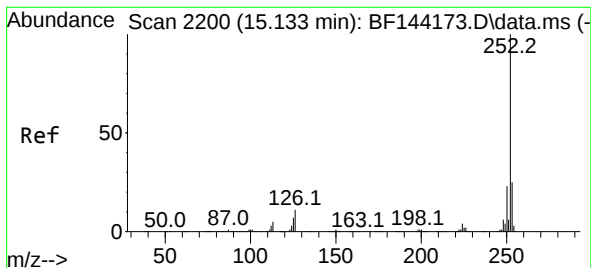
Tgt Ion:276 Resp: 391377
 Ion Ratio Lower Upper
 276 100
 138 19.6 13.9 20.9
 277 24.6 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 57.607 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144286.D
 Acq: 19 Nov 2025 19:18

Tgt Ion:252 Resp: 512310
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 48.150 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

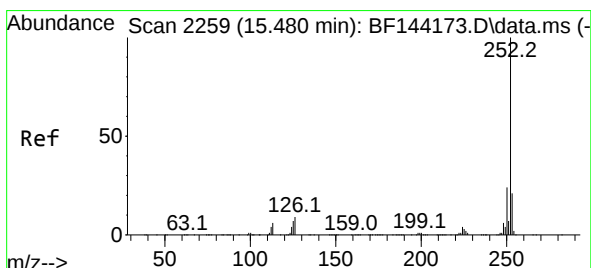
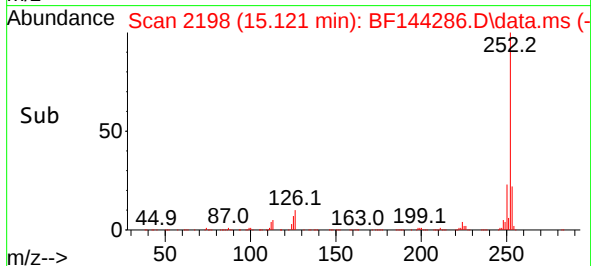
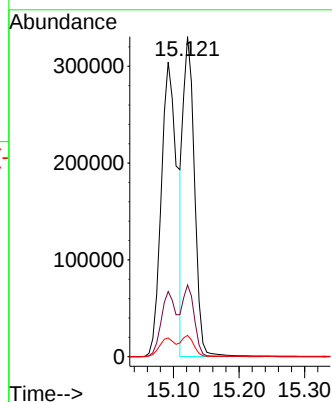
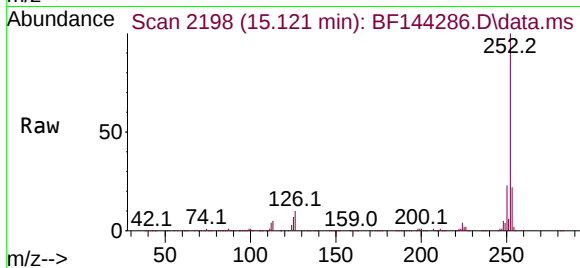
Tgt Ion:252 Resp: 400800

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 6.6 5.4 8.2



#90

Benzo(a)pyrene

Concen: 51.953 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144286.D

Acq: 19 Nov 2025 19:18

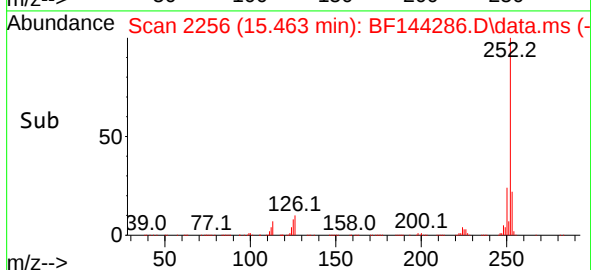
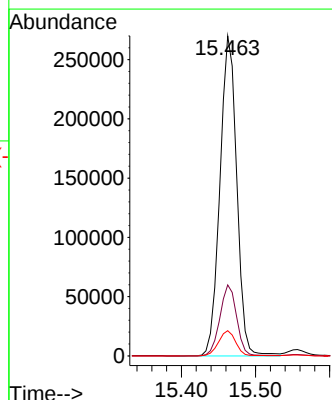
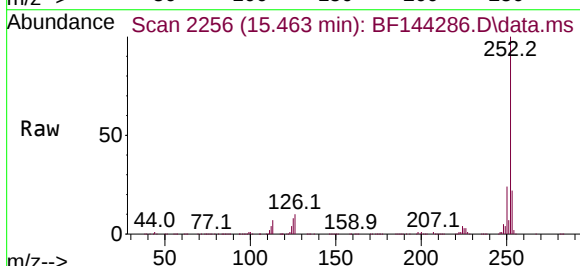
Tgt Ion:252 Resp: 426239

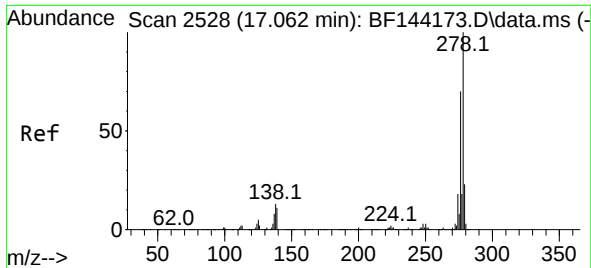
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.9 5.7 8.5

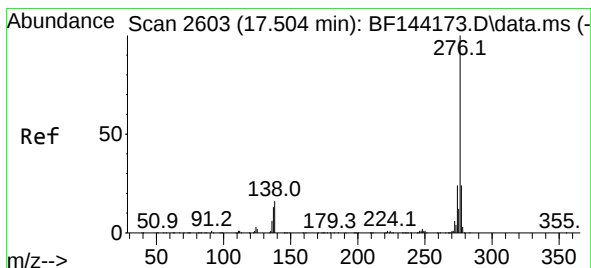
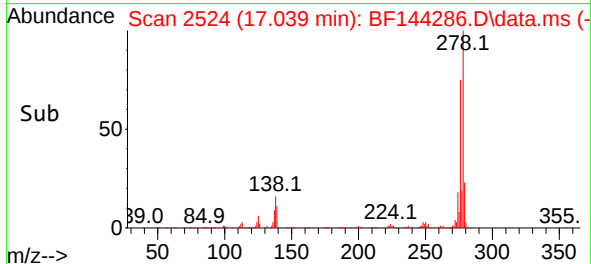
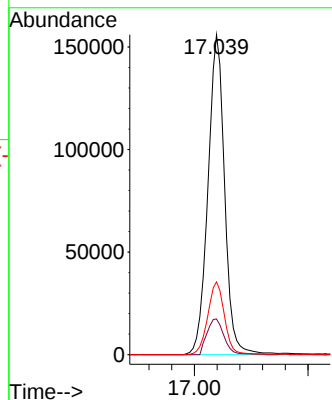
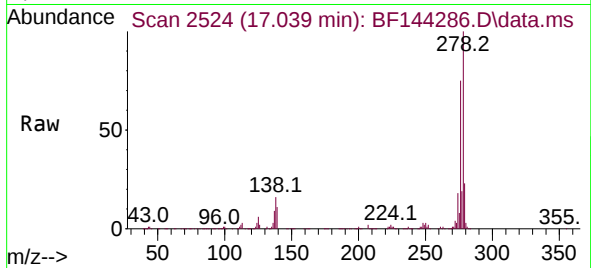




#91
Dibenzo(a,h)anthracene
Concen: 35.300 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 318332
Ion Ratio Lower Upper
278 100
139 11.1 9.1 13.7
279 22.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 32.688 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144286.D
Acq: 19 Nov 2025 19:18

Tgt Ion:276 Resp: 291103
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 16.7 12.9 19.3

