

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143286.D
 Acq On : 01 Aug 2025 17:01
 Operator : RC/JU
 Sample : Q2728-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MS

Quant Time: Aug 01 17:21:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122757	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	459786	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	233095	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	363153	20.000	ng	0.00
76) Chrysene-d12	14.127	240	231100	20.000	ng	0.00
86) Perylene-d12	15.627	264	264394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	850831	109.681	ng	0.02
7) Phenol-d6	6.592	99	1041057	106.622	ng	0.00
23) Nitrobenzene-d5	7.522	82	769411	83.415	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	315113	130.861	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1359109	79.742	ng	0.00
79) Terphenyl-d14	13.068	244	1202485	77.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.987	88	122410	33.349	ng	# 83
3) Pyridine	3.687	79	270644	28.408	ng	97
4) n-Nitrosodimethylamine	3.616	42	186723	37.960	ng	97
6) Aniline	6.622	93	202177	14.857	ng	# 87
8) 2-Chlorophenol	6.751	128	330983	40.705	ng	98
9) Benzaldehyde	6.510	77	95459	13.038	ng	97
10) Phenol	6.604	94	390436	36.706	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	330854	40.624	ng	100
12) 1,3-Dichlorobenzene	6.904	146	319153	36.131	ng	99
13) 1,4-Dichlorobenzene	6.981	146	323432	36.359	ng	99
14) 1,2-Dichlorobenzene	7.134	146	313730	37.081	ng	98
15) Benzyl Alcohol	7.098	79	309771	41.550	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	597170	39.527	ng	98
17) 2-Methylphenol	7.210	107	282442	41.311	ng	100
18) Hexachloroethane	7.481	117	113441	36.838	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	250307	39.958	ng	99
20) 3+4-Methylphenols	7.363	107	341298	41.145	ng	# 75
22) Acetophenone	7.363	105	454916	41.791	ng	95
24) Nitrobenzene	7.539	77	366685	42.640	ng	100
25) Isophorone	7.775	82	703729	43.218	ng	99
26) 2-Nitrophenol	7.857	139	178159	47.735	ng	99
27) 2,4-Dimethylphenol	7.892	122	327737	43.080	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	426722	43.708	ng	99
29) 2,4-Dichlorophenol	8.098	162	286143	44.600	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	278337	40.157	ng	99
31) Naphthalene	8.263	128	945229	41.743	ng	100
32) Benzoic acid	8.004	122	205158	47.887	ng	99
33) 4-Chloroaniline	8.304	127	88819	9.606	ng	100
34) Hexachlorobutadiene	8.386	225	167735	39.615	ng	99
35) Caprolactam	8.669	113	64895	33.473	ng	98
36) 4-Chloro-3-methylphenol	8.786	107	311264	44.636	ng	99
37) 2-Methylnaphthalene	8.957	142	600753	43.599	ng	100
38) 1-Methylnaphthalene	9.057	142	616450	43.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	293183	43.566	ng	99
41) Hexachlorocyclopentadiene	9.116	237	322005	73.537	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	201354	43.232	ng	99

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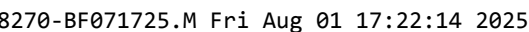
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	220243	47.273	ng	99
46) 1,1'-Biphenyl	9.416	154	814833	44.805	ng	99
47) 2-Chloronaphthalene	9.445	162	591003	43.920	ng	100
48) 2-Nitroaniline	9.533	65	206899	49.030	ng	100
49) Acenaphthylene	9.863	152	1018670	45.172	ng	100
50) Dimethylphthalate	9.716	163	707638	46.574	ng	99
51) 2,6-Dinitrotoluene	9.775	165	154207	49.891	ng	98
52) Acenaphthene	10.033	154	668785	50.177	ng	99
53) 3-Nitroaniline	9.939	138	87027	24.072	ng	99
54) 2,4-Dinitrophenol	10.051	184	166564	115.662	ng	# 1
55) Dibenzofuran	10.204	168	888427	44.896	ng	99
56) 4-Nitrophenol	10.104	139	215801	79.936	ng	96
57) 2,4-Dinitrotoluene	10.180	165	199835	51.533	ng	94
58) Fluorene	10.545	166	671890	45.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	182352	47.250	ng	99
60) Diethylphthalate	10.416	149	686467	45.711	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	335317	45.342	ng	98
62) 4-Nitroaniline	10.557	138	140953	45.491	ng	97
63) Azobenzene	10.698	77	715935	45.742	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	101977	52.939	ng	99
66) n-Nitrosodiphenylamine	10.651	169	593200	46.388	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	204729	47.305	ng	98
68) Hexachlorobenzene	11.098	284	212142	46.898	ng	99
69) Atrazine	11.174	200	168726	47.859	ng	100
70) Pentachlorophenol	11.292	266	243791	91.645	ng	100
71) Phenanthrene	11.510	178	885202	45.908	ng	100
72) Anthracene	11.563	178	898167	45.671	ng	100
73) Carbazole	11.710	167	800586	46.621	ng	100
74) Di-n-butylphthalate	12.039	149	974685	50.163	ng	100
75) Fluoranthene	12.698	202	861504	48.676	ng	99
77) Benzidine	12.810	184	76814	8.627	ng	98
78) Pyrene	12.927	202	850857	43.140	ng	99
80) Butylbenzylphthalate	13.539	149	337169	55.827	ng	99
81) Benzo(a)anthracene	14.115	228	721673	46.643	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	138572	26.872	ng	99
83) Chrysene	14.151	228	659402	47.402	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	464840	50.850	ng	99
85) Di-n-octyl phthalate	14.715	149	795394	48.002	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	867027	46.506	ng	99
88) Benzo(b)fluoranthene	15.186	252	710034	43.959	ng	100
89) Benzo(k)fluoranthene	15.215	252	717764	49.799	ng	100
90) Benzo(a)pyrene	15.568	252	705059	47.378	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	707492	46.624	ng	99
92) Benzo(g,h,i)perylene	17.639	276	697937	47.547	ng	99

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

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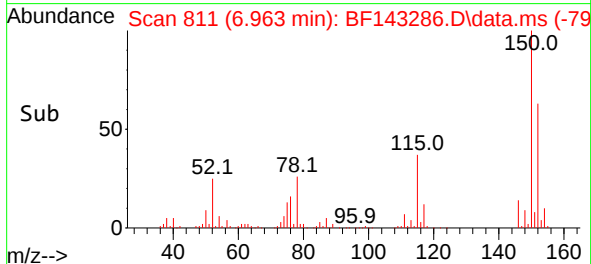
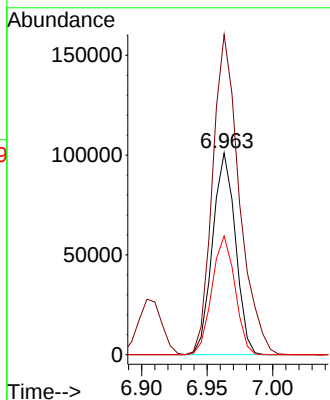
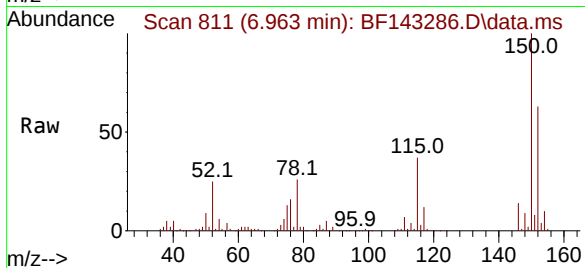




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

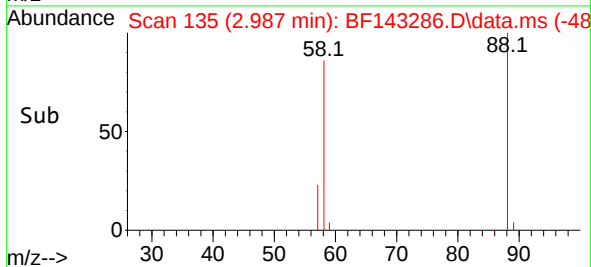
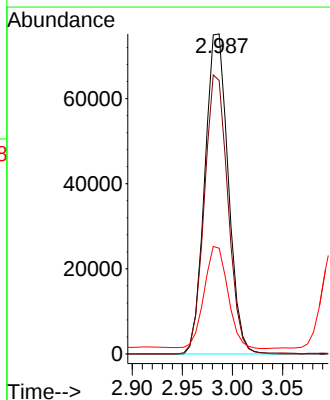
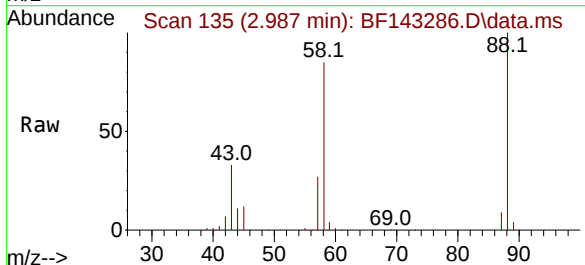
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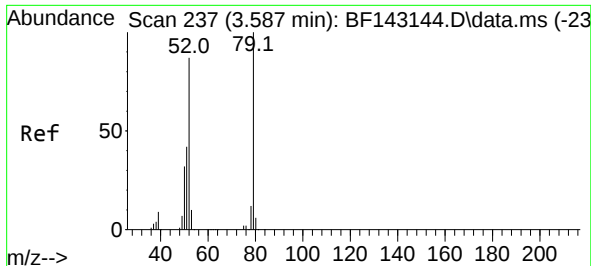
Tgt Ion:152 Resp: 122757
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.2 192.4
 115 58.8 47.9 71.9



#2
 1,4-Dioxane
 Concen: 33.349 ng
 RT: 2.987 min Scan# 135
 Delta R.T. 0.165 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

Tgt Ion: 88 Resp: 122410
 Ion Ratio Lower Upper
 88 100
 58 87.9 70.2 105.2
 43 0.0 27.1 40.7#

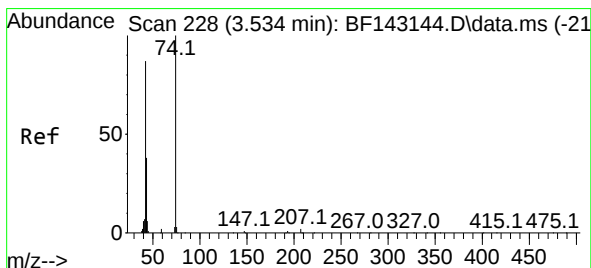
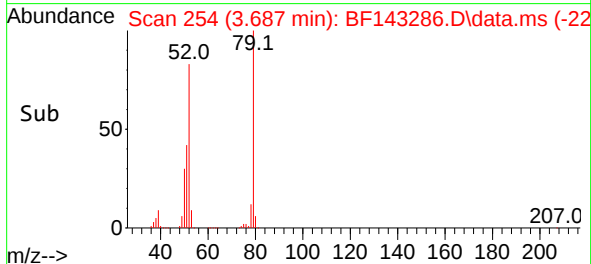
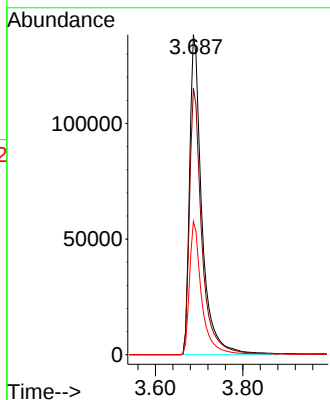
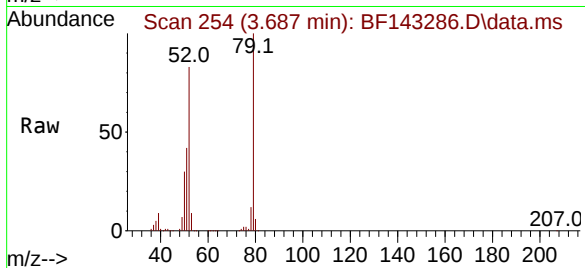




#3
Pyridine
Concen: 28.408 ng
RT: 3.687 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

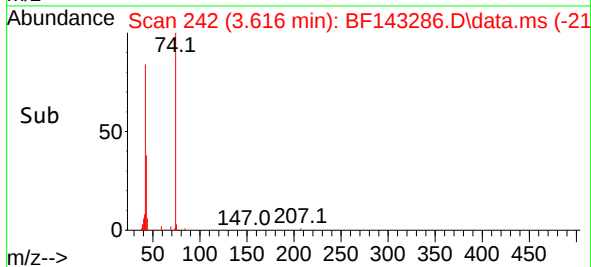
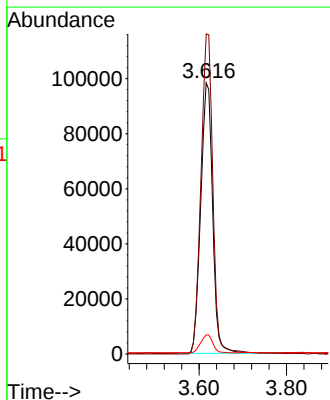
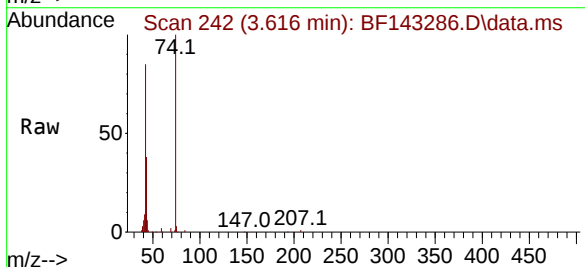
Instrument :
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ClientSampleId :
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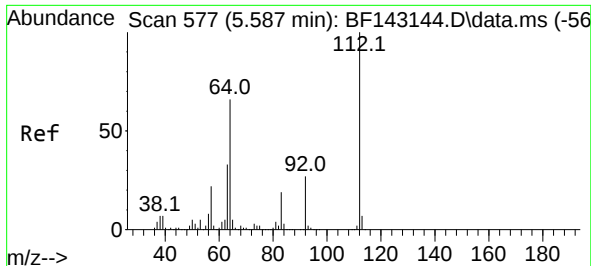
Tgt Ion: 79 Resp: 270644
Ion Ratio Lower Upper
79 100
52 83.4 69.4 104.2
51 41.7 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 37.960 ng
RT: 3.616 min Scan# 242
Delta R.T. 0.082 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 42 Resp: 186723
Ion Ratio Lower Upper
42 100
74 118.1 91.7 137.5
44 7.1 5.6 8.4

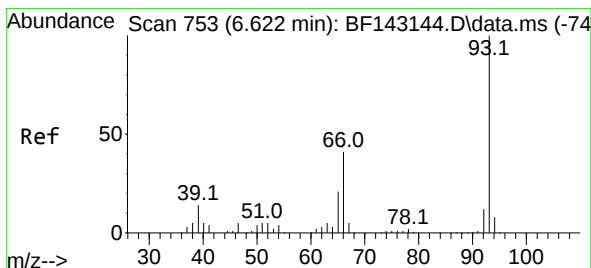
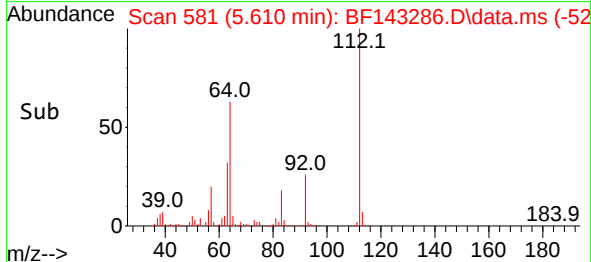
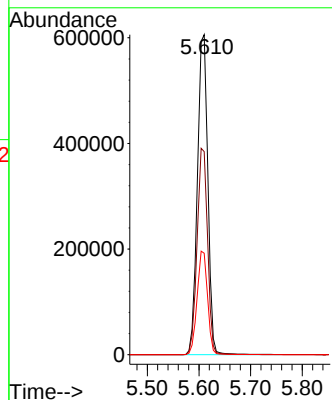
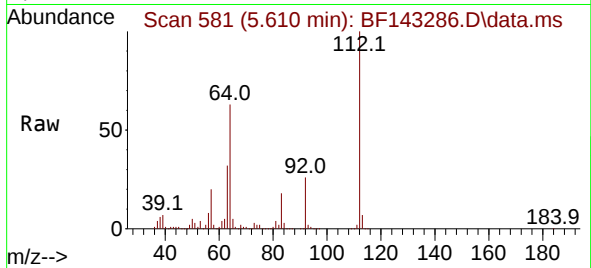




#5
2-Fluorophenol
Concen: 109.681 ng
RT: 5.610 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

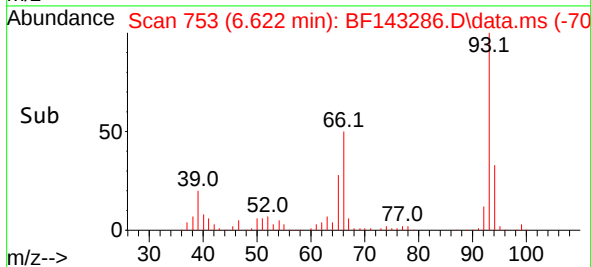
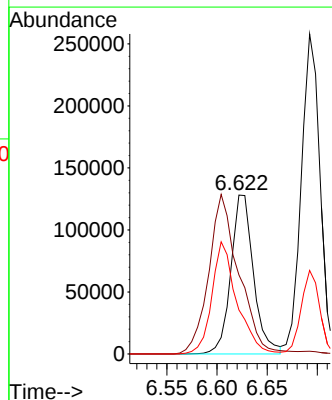
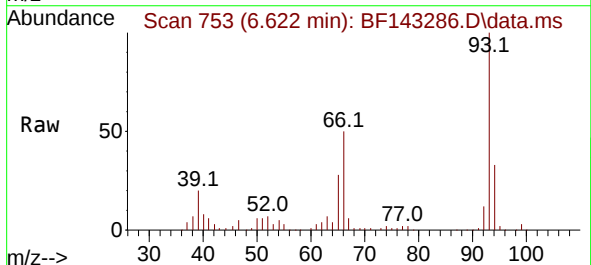
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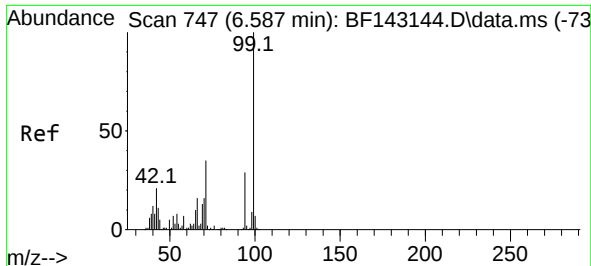
Tgt Ion:112 Resp: 850831
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 31.7 26.6 40.0



#6
Aniline
Concen: 14.857 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 93 Resp: 202177
Ion Ratio Lower Upper
93 100
66 49.8 33.2 49.8#
65 27.7 16.9 25.3#

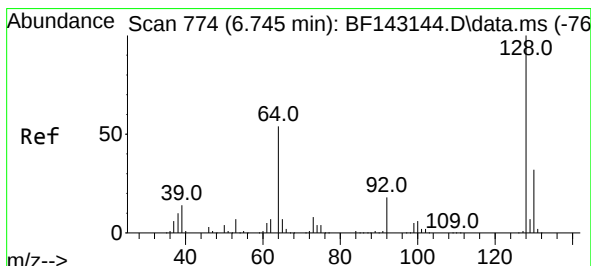
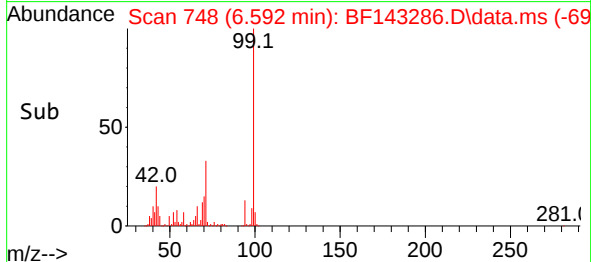
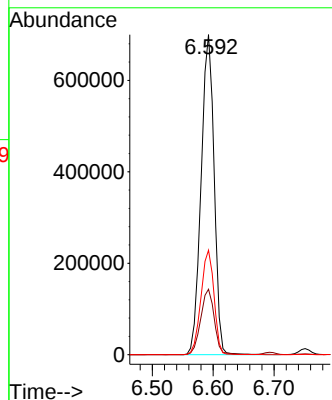
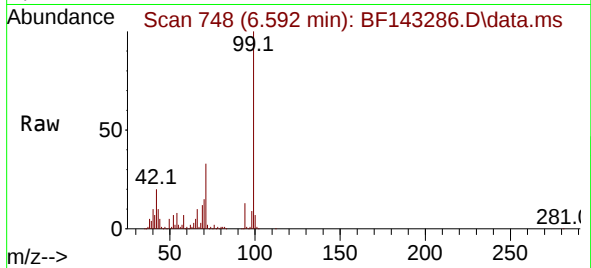




#7
Phenol-d6
Concen: 106.622 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

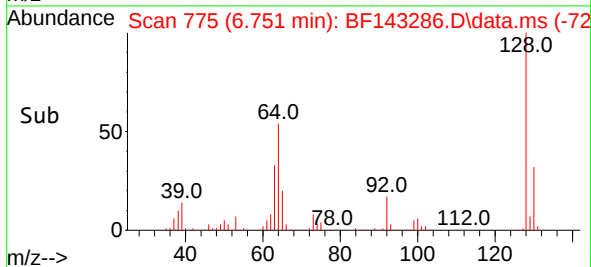
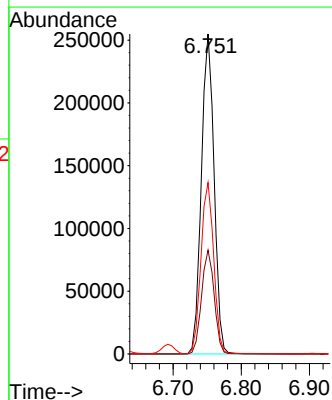
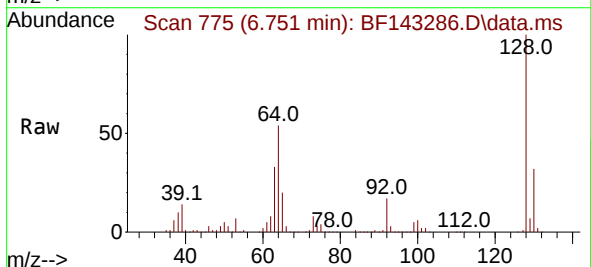
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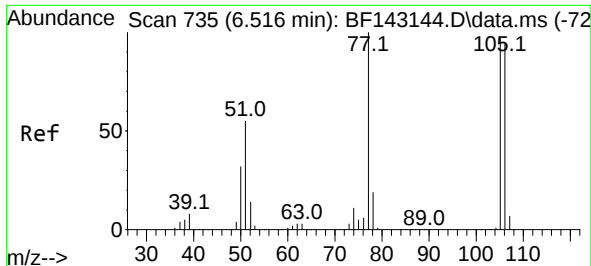
Tgt Ion: 99 Resp: 1041057
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 32.6 27.7 41.5



#8
2-Chlorophenol
Concen: 40.705 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 128 Resp: 330983
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 53.6 35.9 75.9

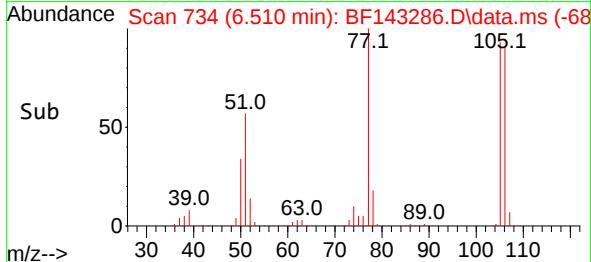
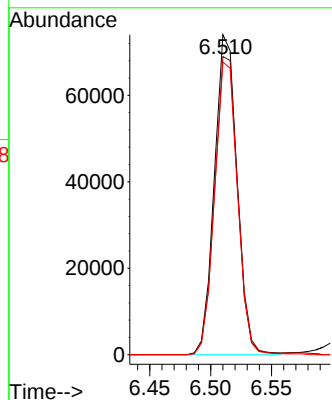
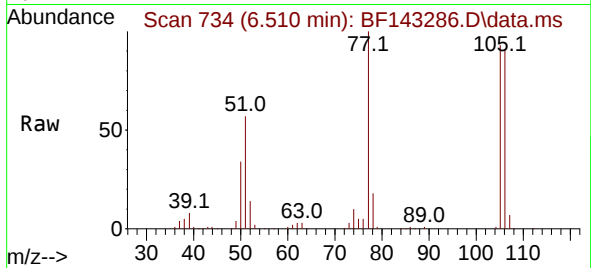




#9
Benzaldehyde
Concen: 13.038 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

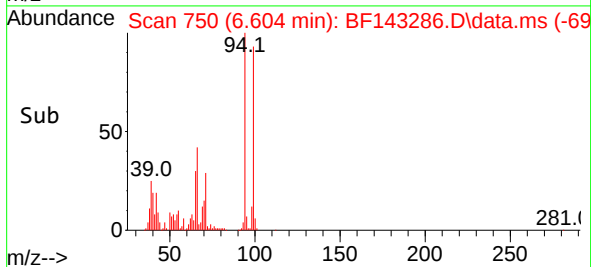
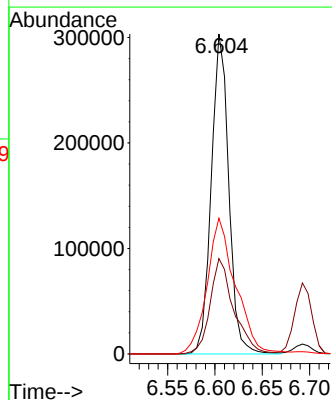
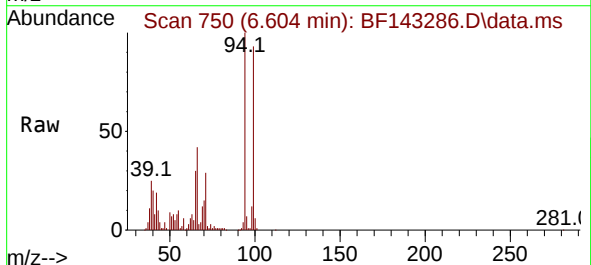
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 95459
Ion Ratio Lower Upper
77 100
105 93.1 76.8 116.8
106 91.4 74.4 114.4



#10
Phenol
Concen: 36.706 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 94 Resp: 390436
Ion Ratio Lower Upper
94 100
65 29.8 10.0 50.0
66 42.4 20.8 60.8

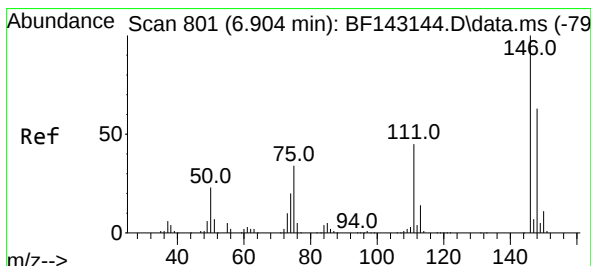
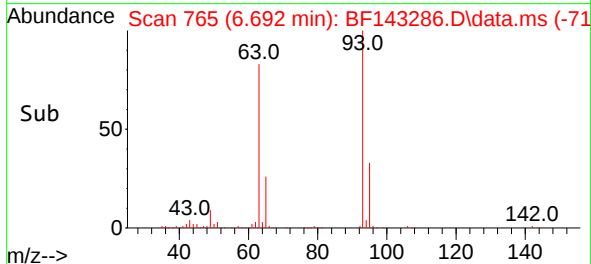
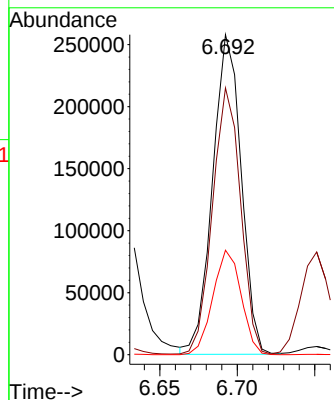
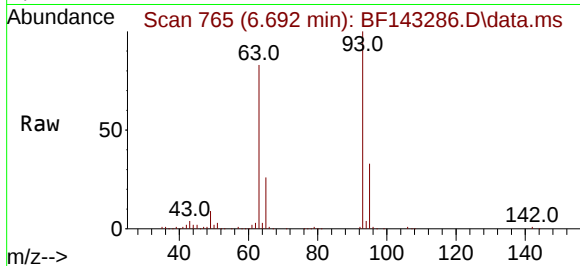




#11
bis(2-Chloroethyl)ether
Concen: 40.624 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

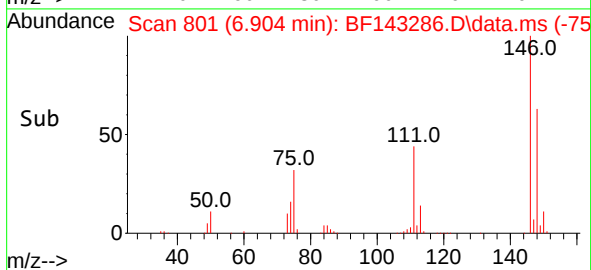
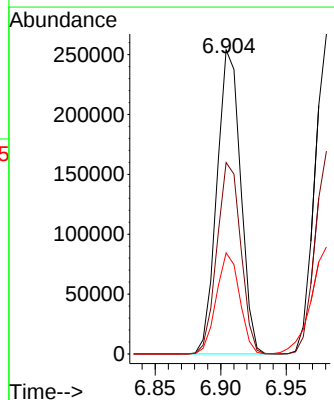
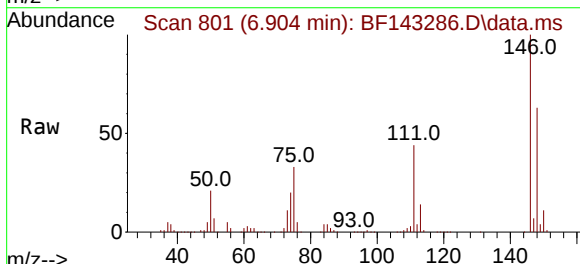
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

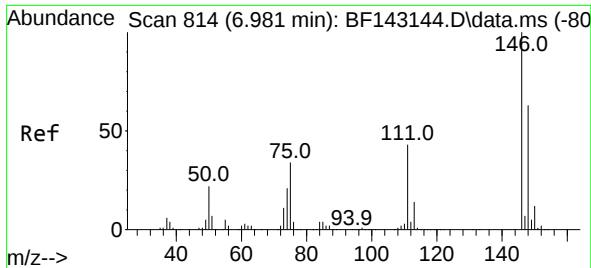
Tgt Ion: 93 Resp: 330854
Ion Ratio Lower Upper
93 100
63 83.3 63.4 103.4
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.131 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 146 Resp: 319153
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 33.2 27.4 41.2

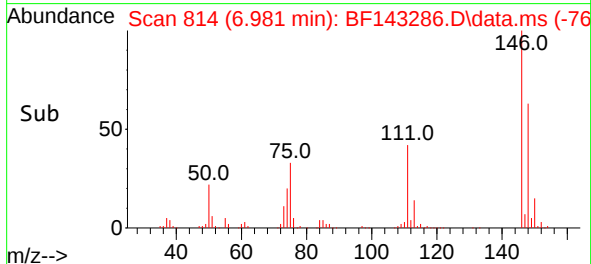
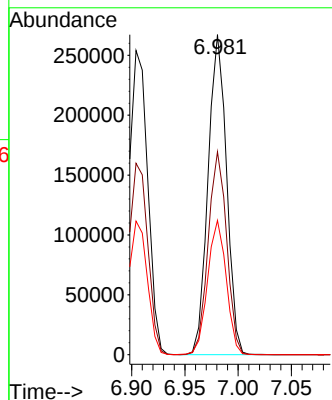
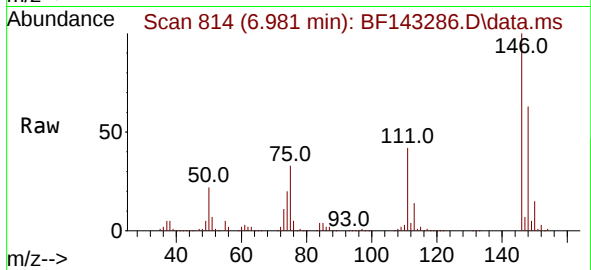




#13
1,4-Dichlorobenzene
Concen: 36.359 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

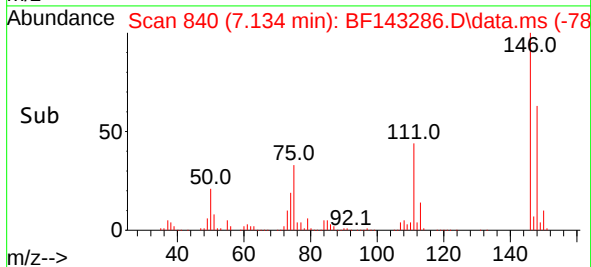
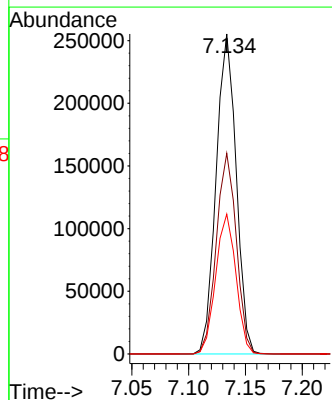
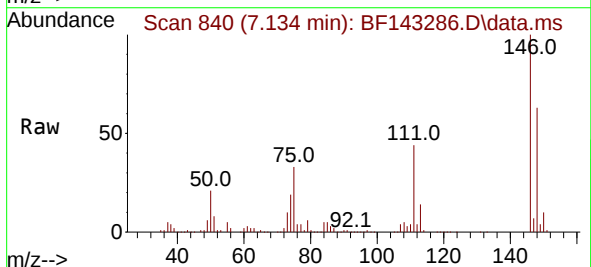
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:146 Resp: 323432
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 42.0 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 37.081 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:146 Resp: 313730
Ion Ratio Lower Upper
146 100
148 62.7 50.7 76.1
111 43.7 36.6 54.8

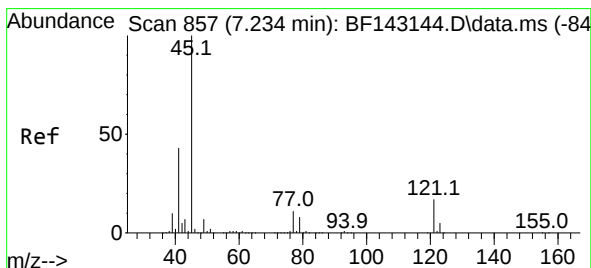
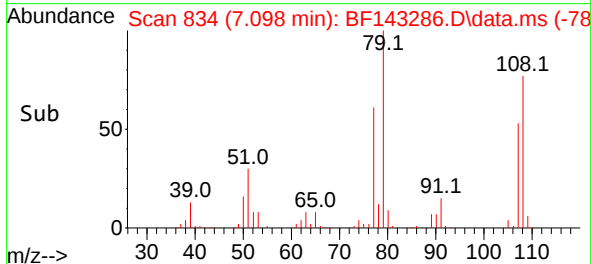
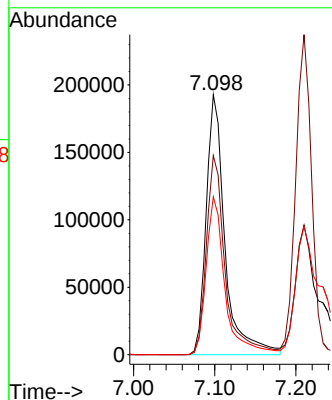
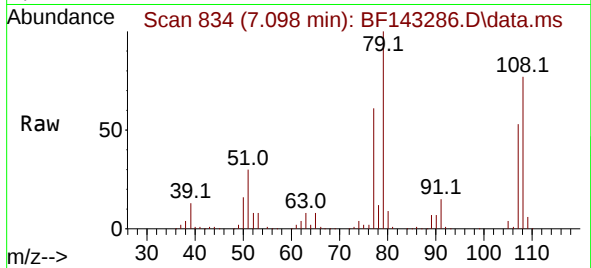




#15
Benzyl Alcohol
Concen: 41.550 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

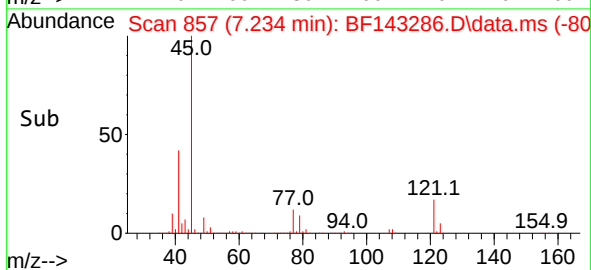
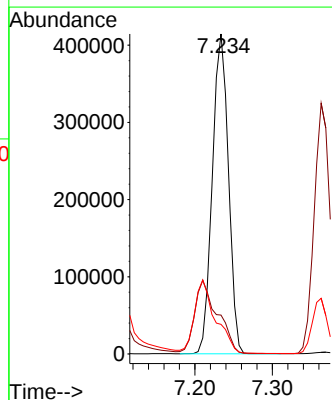
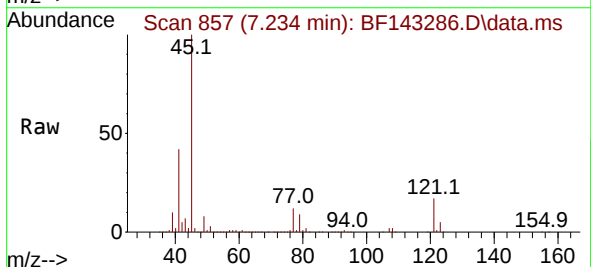
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

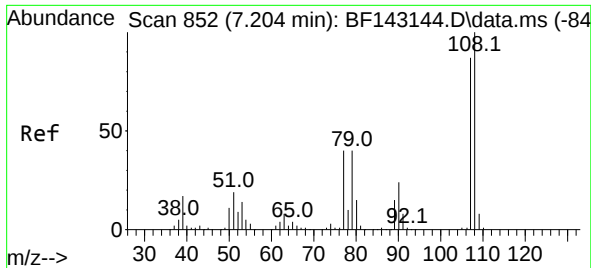
Tgt Ion: 79 Resp: 309771
Ion Ratio Lower Upper
79 100
108 76.6 61.1 91.7
77 60.7 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.527 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

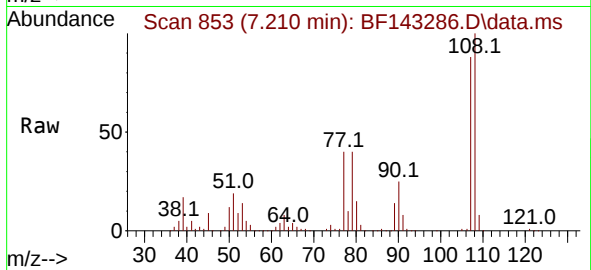
Tgt Ion: 45 Resp: 597170
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.2
79 9.3 0.0 28.5



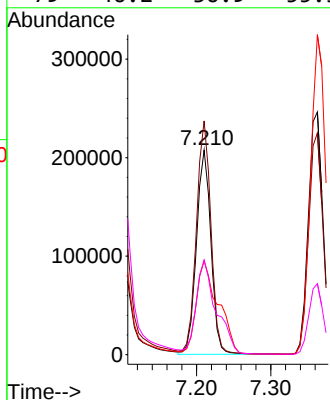
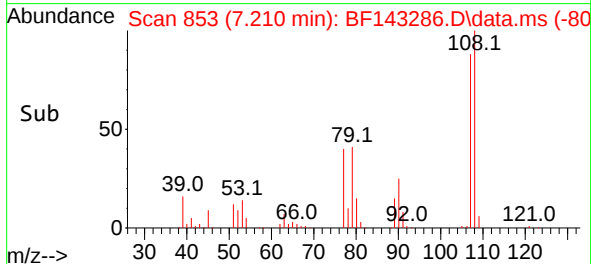


#17
2-Methylphenol
Concen: 41.311 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

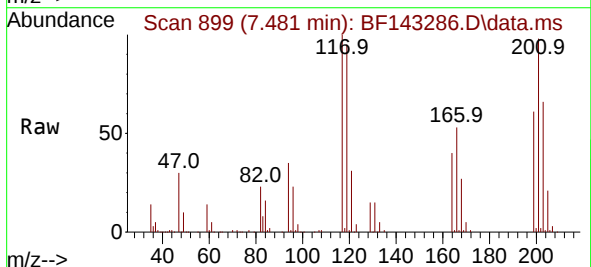
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS



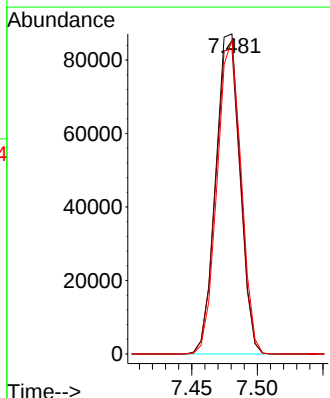
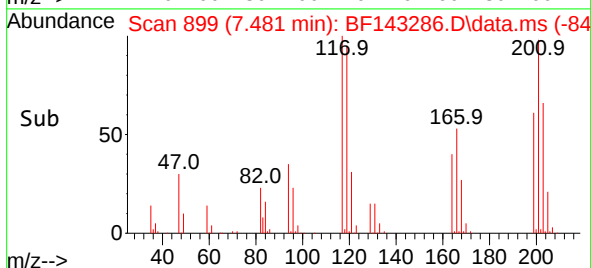
Tgt Ion:	107	Resp:	282442
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.6
77	45.9	37.0	55.6
79	46.2	36.9	55.3



#18
Hexachloroethane
Concen: 36.838 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01



Tgt Ion:	117	Resp:	113441
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	98.1	77.0	115.4

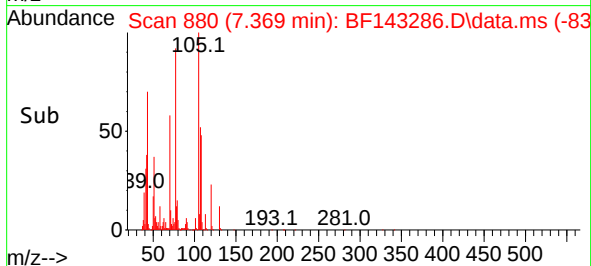
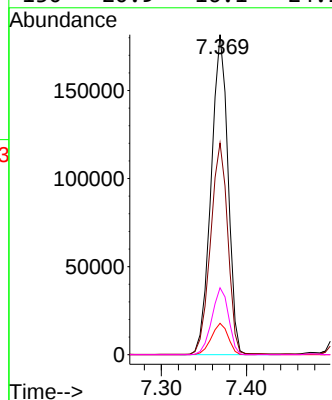
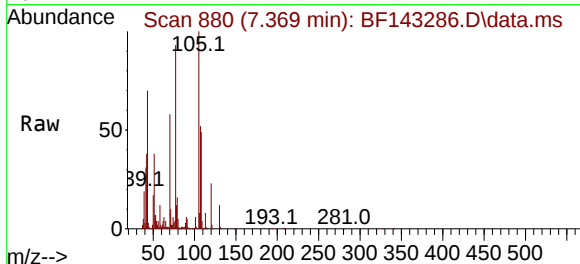




#19
n-Nitroso-di-n-propylamine
Concen: 39.958 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

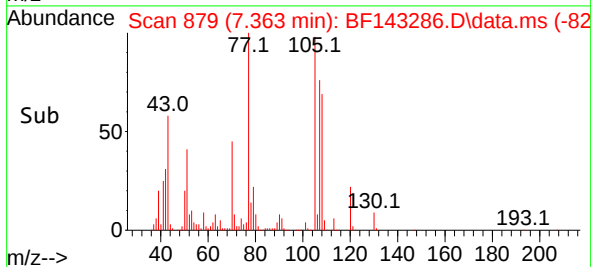
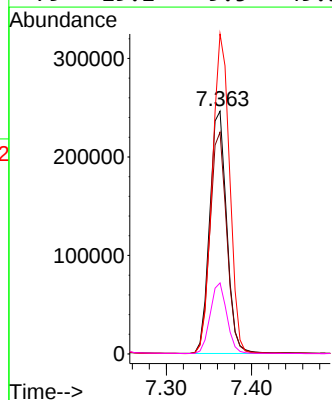
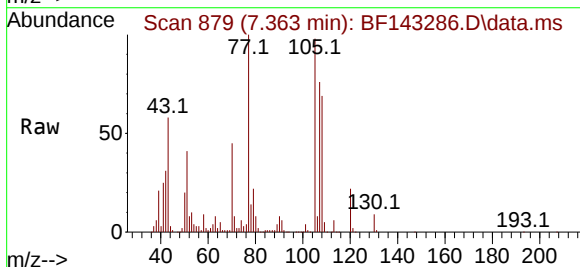
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:	70	Resp:	250307
Ion	Ratio	Lower	Upper
70	100		
42	66.2	52.5	78.7
101	9.8	7.6	11.4
130	20.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 41.145 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:	107	Resp:	341298
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.0	110.0
77	131.8	57.8	97.8#
79	29.2	9.5	49.5

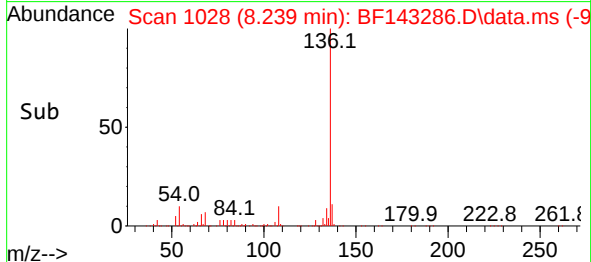
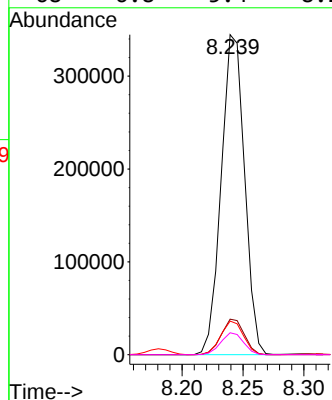
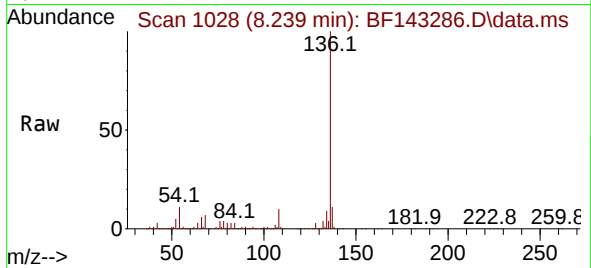




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

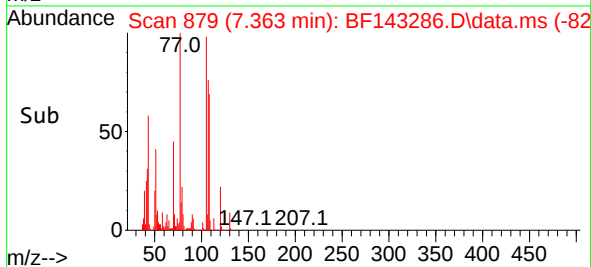
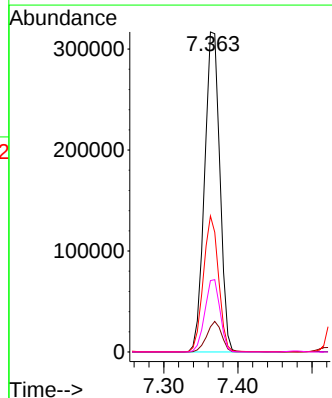
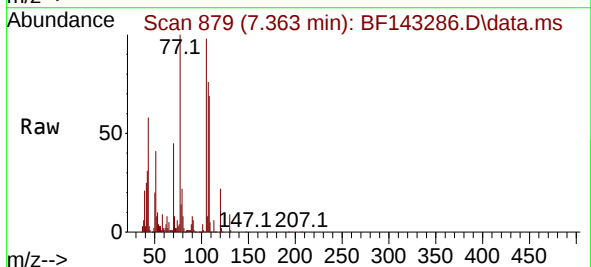
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt	Ion:136	Resp:	459786
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.5	8.2	12.2
68	6.8	5.4	8.2



#22
Acetophenone
Concen: 41.791 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt	Ion:105	Resp:	454916
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.8	8.6
51	42.5	30.2	45.2
120	22.3	18.2	27.4

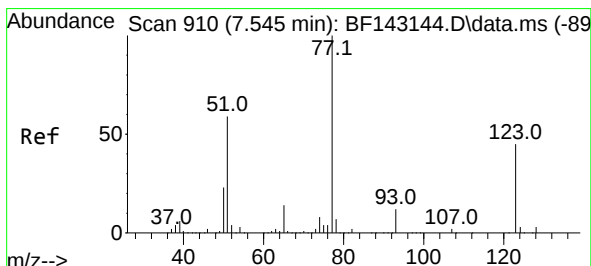
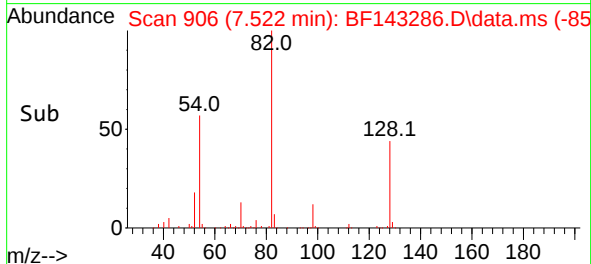
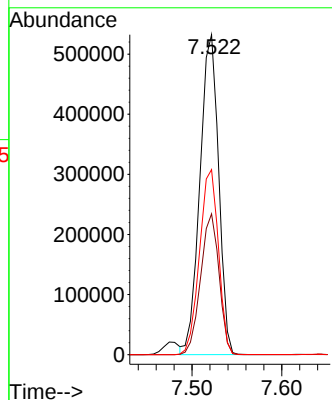
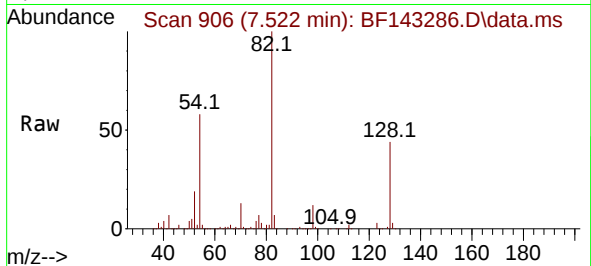




#23
Nitrobenzene-d5
Concen: 83.415 ng
RT: 7.522 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

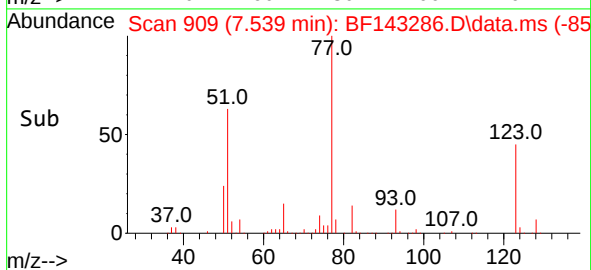
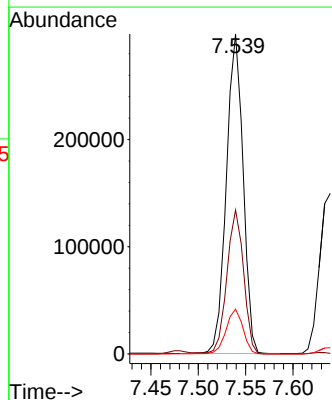
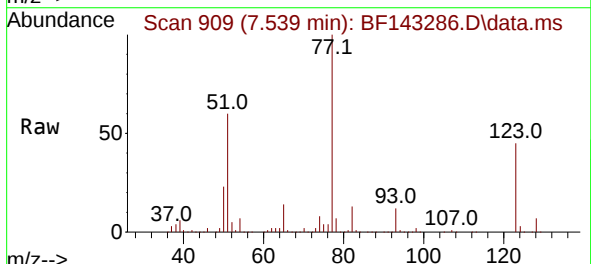
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

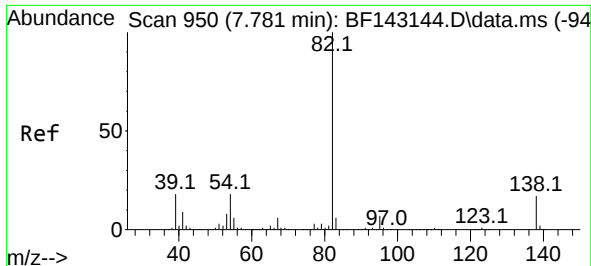
Tgt Ion: 82 Resp: 769411
Ion Ratio Lower Upper
82 100
128 44.0 33.6 50.4
54 57.8 47.1 70.7



#24
Nitrobenzene
Concen: 42.640 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion: 77 Resp: 366685
Ion Ratio Lower Upper
77 100
123 45.0 36.1 54.1
65 14.0 11.4 17.2

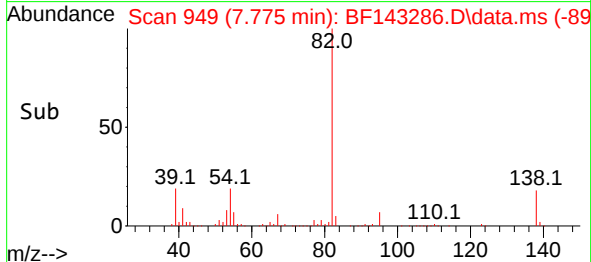
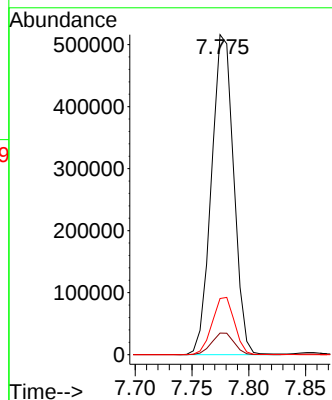
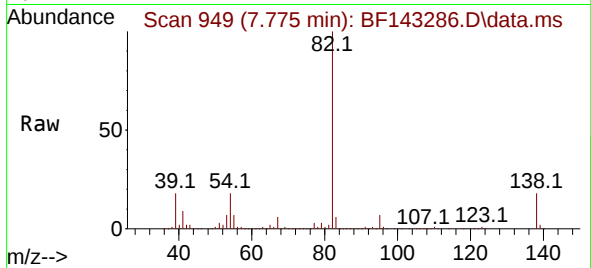




#25
Isophorone
Concen: 43.218 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

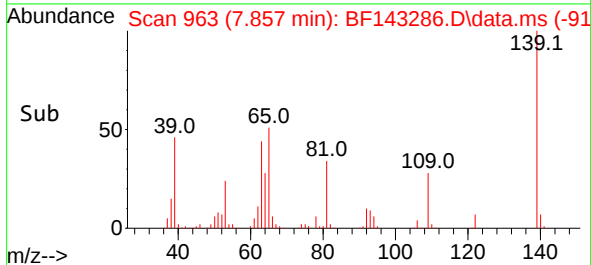
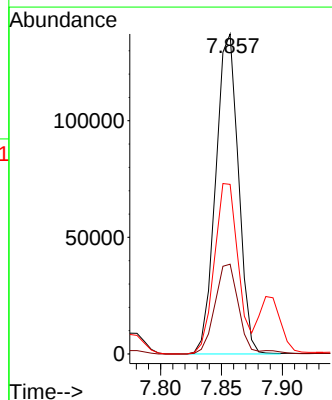
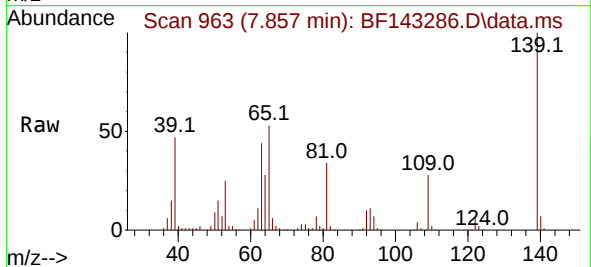
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion: 82 Resp: 703729
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 47.735 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:139 Resp: 178159
Ion Ratio Lower Upper
139 100
109 28.1 23.6 35.4
65 53.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 43.080 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

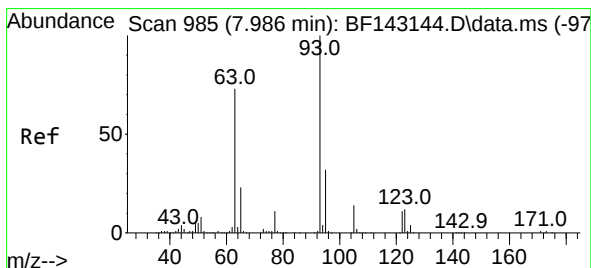
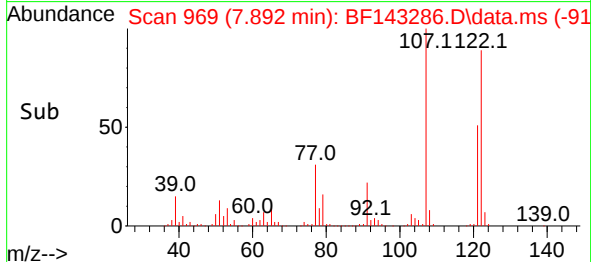
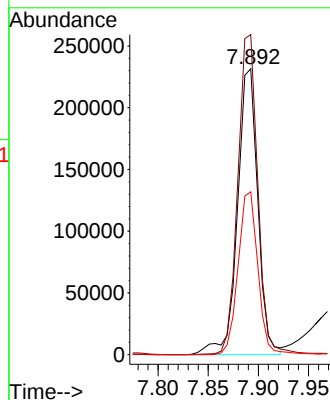
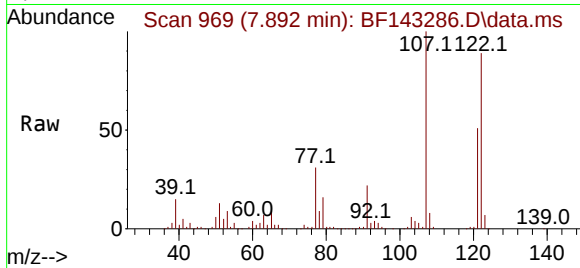
Tgt Ion:122 Resp: 327737

Ion Ratio Lower Upper

122 100

107 111.9 91.8 137.6

121 57.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.708 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

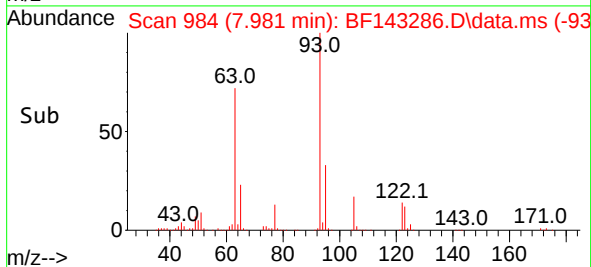
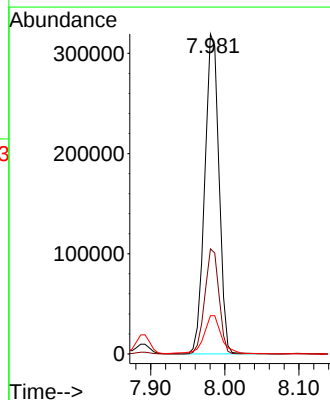
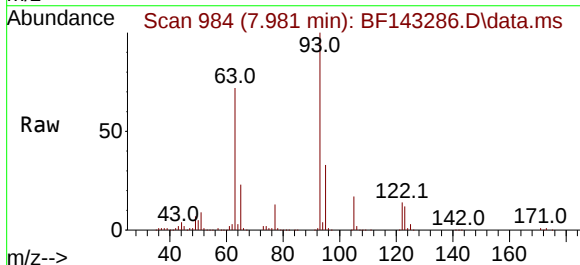
Tgt Ion: 93 Resp: 426722

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.600 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143286.D

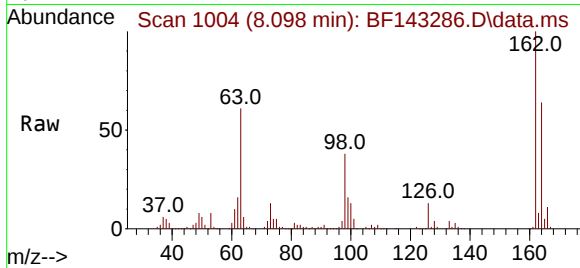
Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS



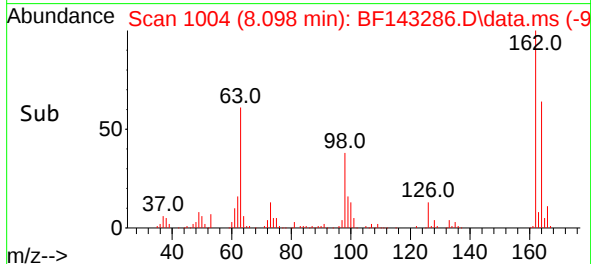
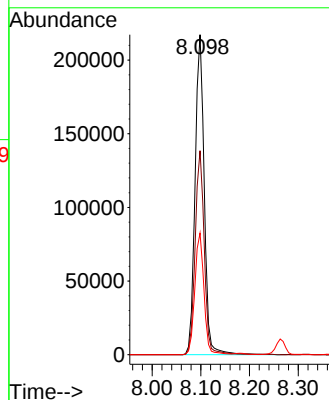
Tgt Ion:162 Resp: 286143

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

98 38.0 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 40.157 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

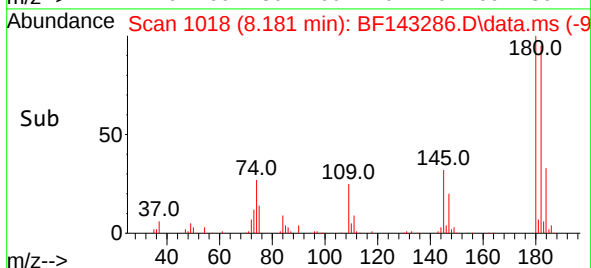
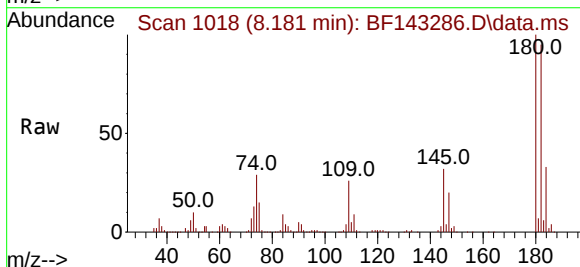
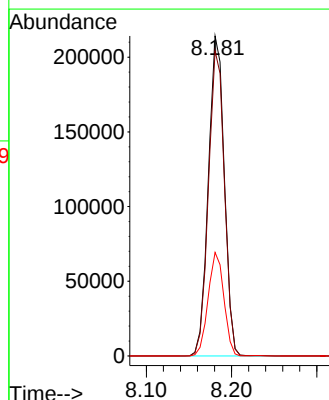
Tgt Ion:180 Resp: 278337

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 32.3 25.0 37.6

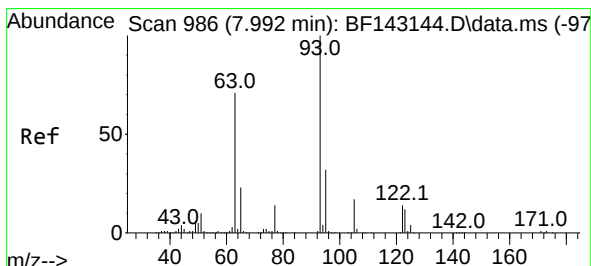
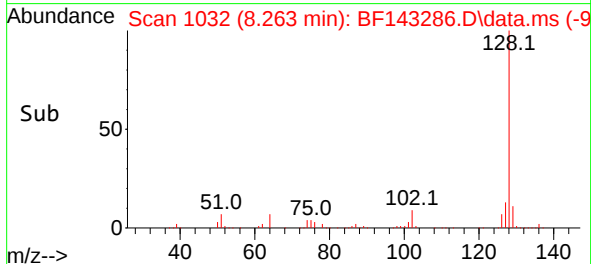
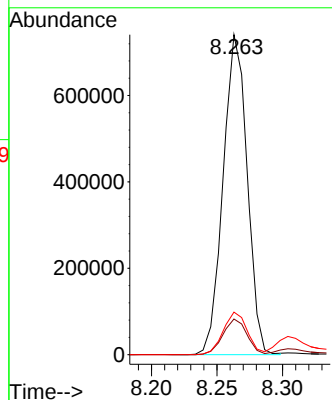
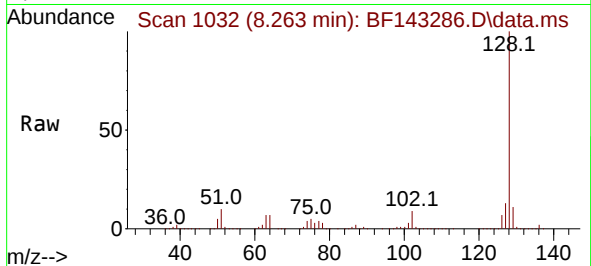




#31
Naphthalene
Concen: 41.743 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

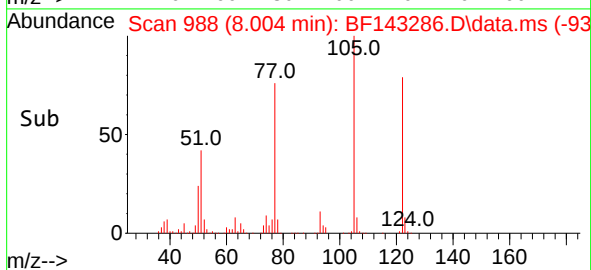
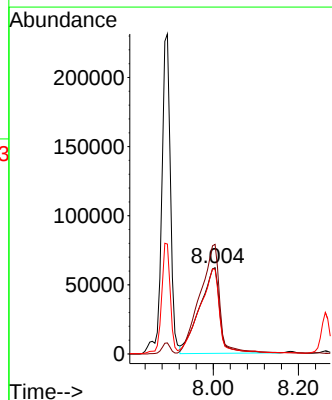
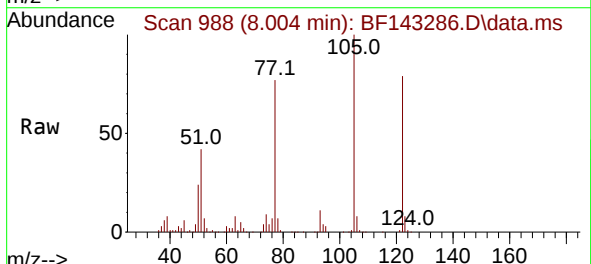
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:128 Resp: 945229
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 47.887 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:122 Resp: 205158
Ion Ratio Lower Upper
122 100
105 127.1 104.8 144.8
77 98.2 77.6 117.6

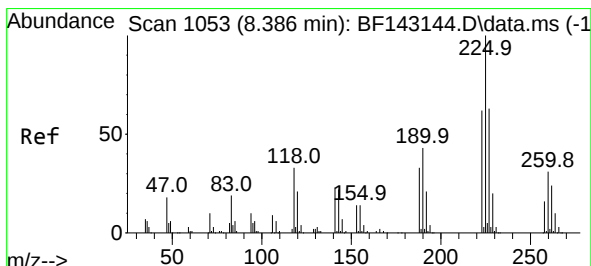
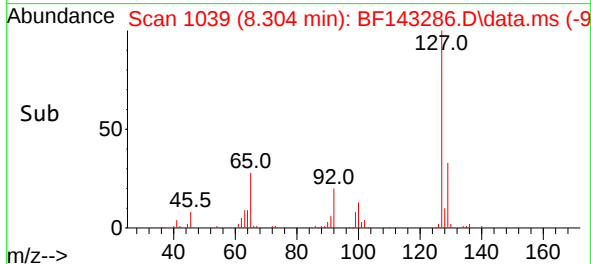
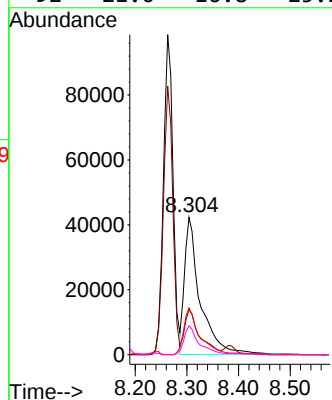
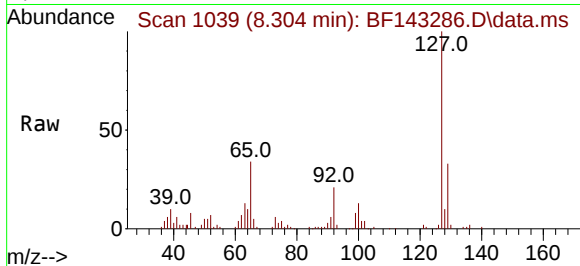




#33
4-Chloroaniline
Concen: 9.606 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

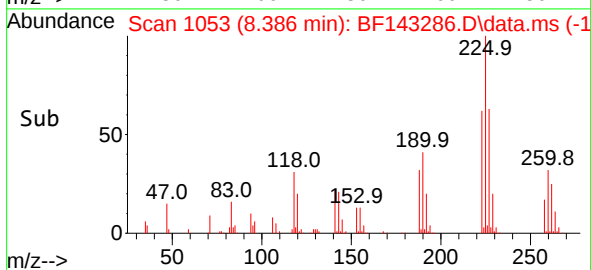
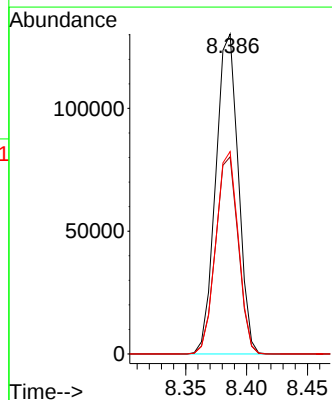
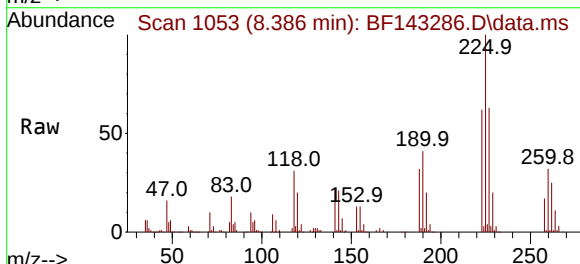
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

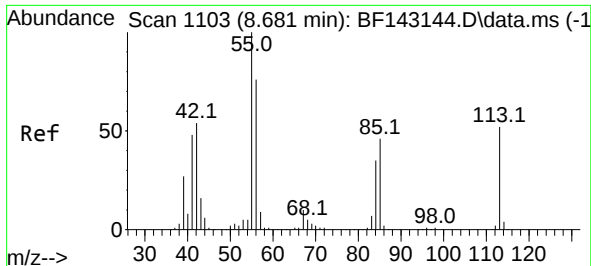
Tgt Ion:127	Resp:	88819
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.0 39.0
65	34.1	27.4 41.2
92	21.0	16.8 25.2



#34
Hexachlorobutadiene
Concen: 39.615 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:225	Resp:	167735
Ion Ratio	Lower	Upper
225	100	
223	61.6	49.8 74.6
227	63.2	50.2 75.4

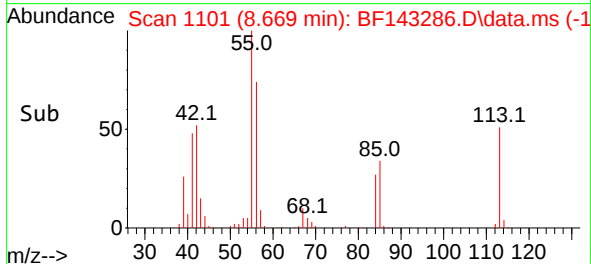
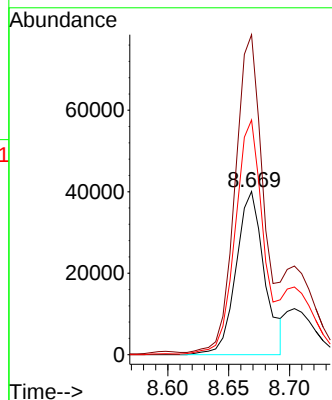
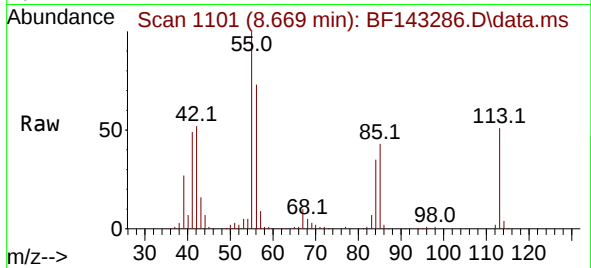




#35
 Caprolactam
 Concen: 33.473 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

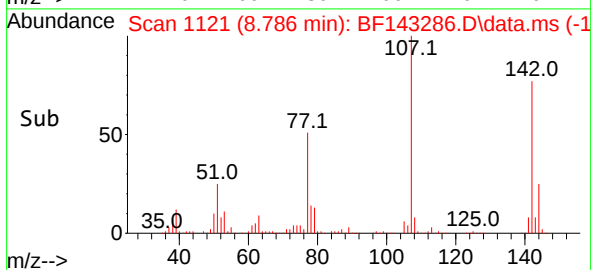
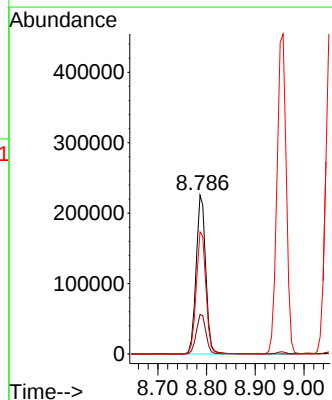
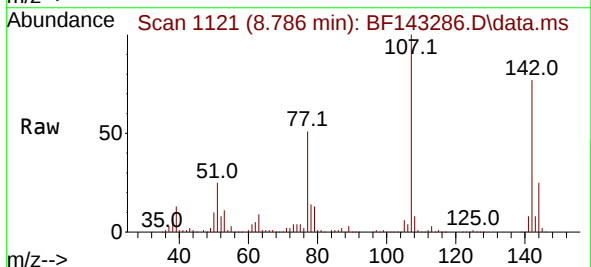
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MS

Tgt Ion:113 Resp: 64895
 Ion Ratio Lower Upper
 113 100
 55 196.1 174.0 214.0
 56 143.8 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.636 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

Tgt Ion:107 Resp: 311264
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 76.9 60.6 90.8

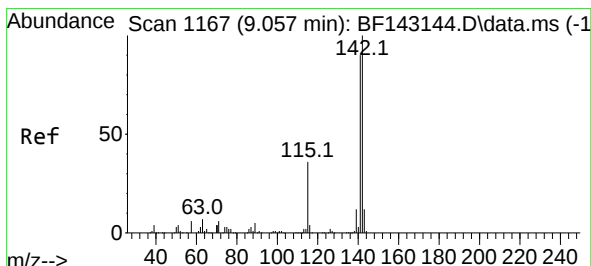
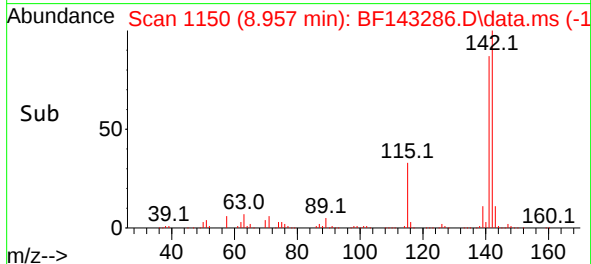
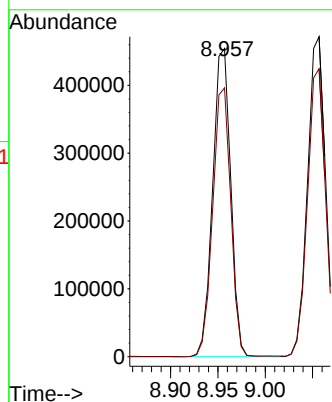
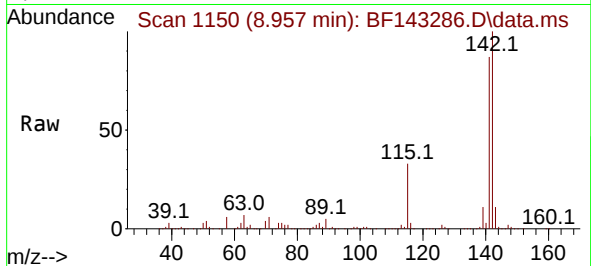




#37
2-Methylnaphthalene
Concen: 43.599 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

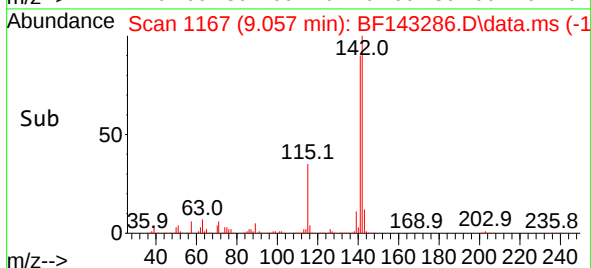
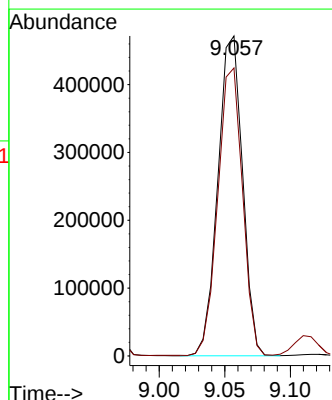
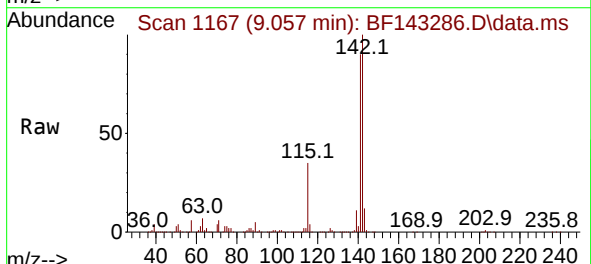
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:142 Resp: 600753
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.445 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:142 Resp: 616450
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

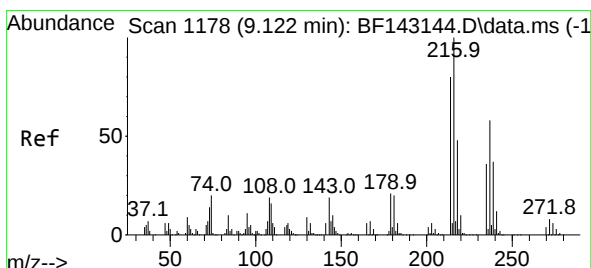
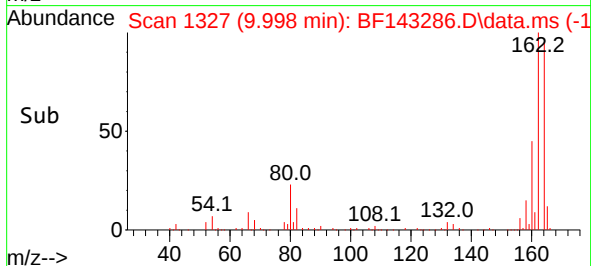
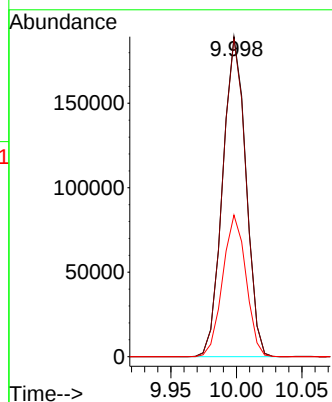
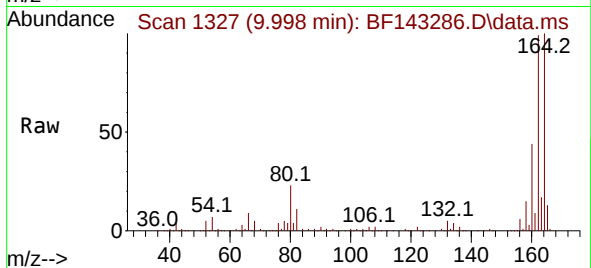
Tgt Ion:164 Resp: 233095

Ion Ratio Lower Upper

164 100

162 99.3 79.0 118.6

160 44.3 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.566 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Tgt Ion:216 Resp: 293183

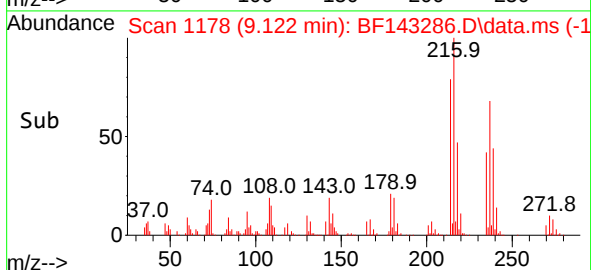
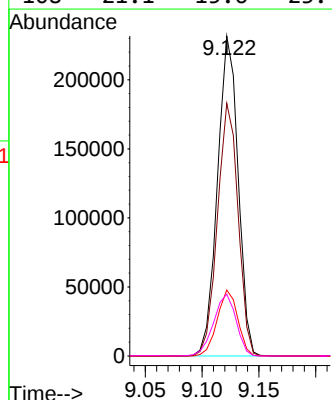
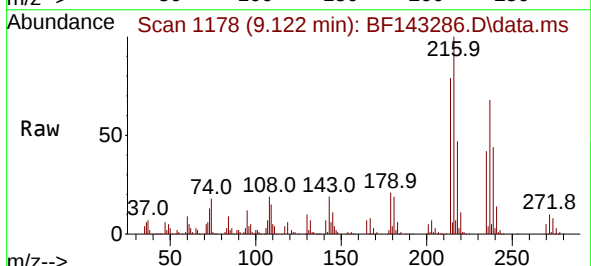
Ion Ratio Lower Upper

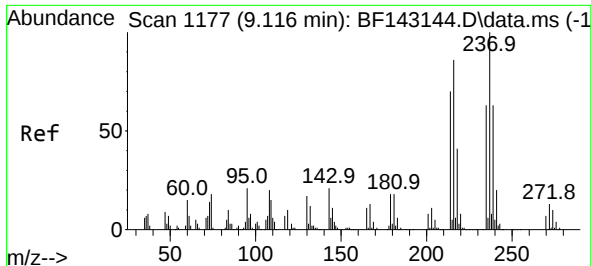
216 100

214 78.7 63.8 95.8

179 20.5 16.4 24.6

108 21.1 15.6 23.4

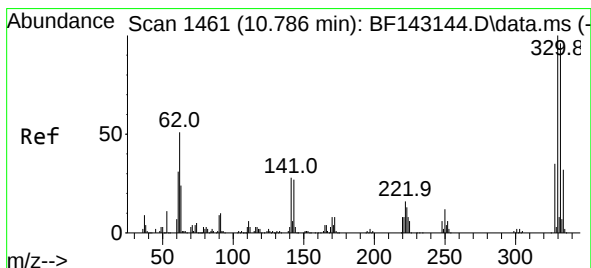
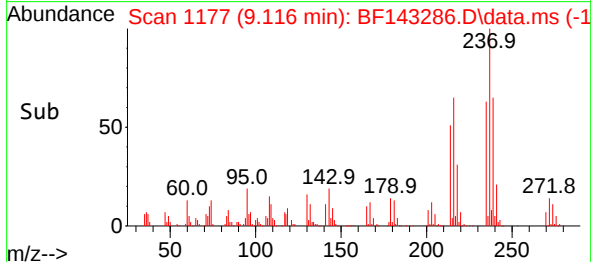
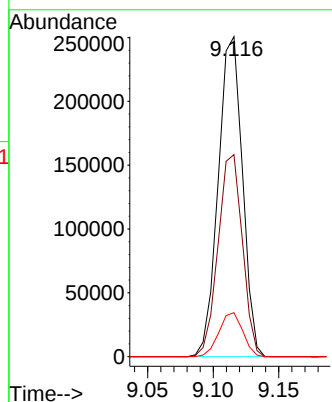
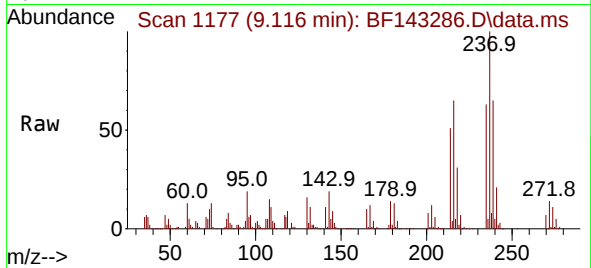




#41
Hexachlorocyclopentadiene
Concen: 73.537 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

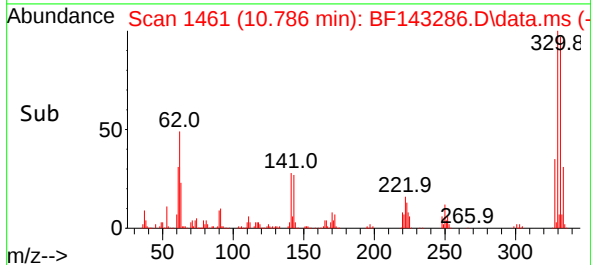
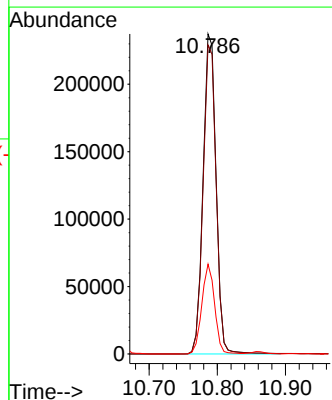
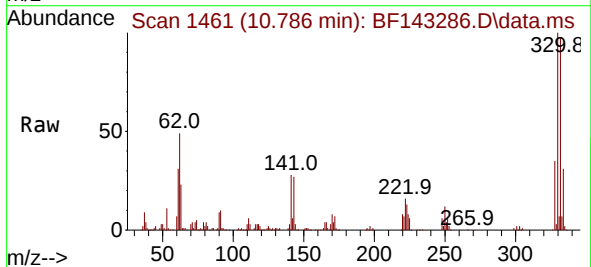
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

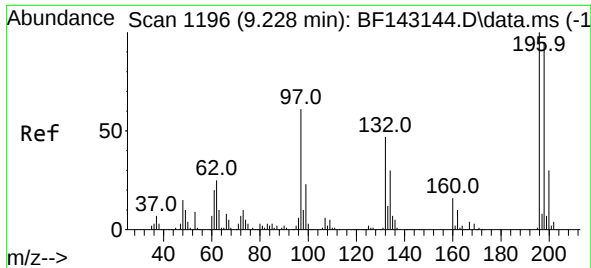
Tgt Ion:237 Resp: 322005
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 130.861 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

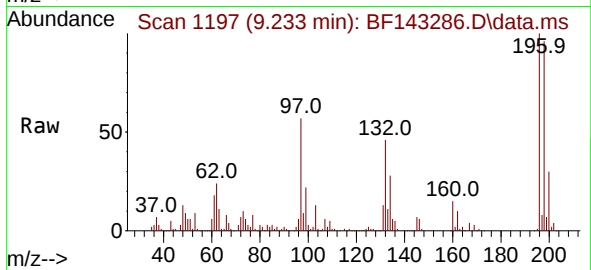
Tgt Ion:330 Resp: 315113
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 27.6 23.3 34.9



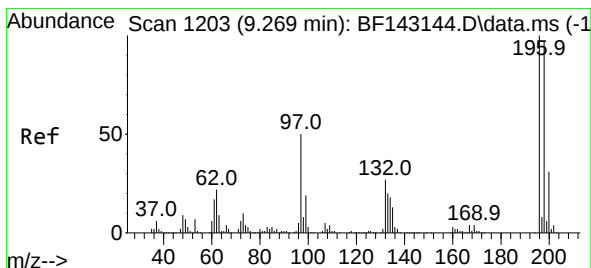
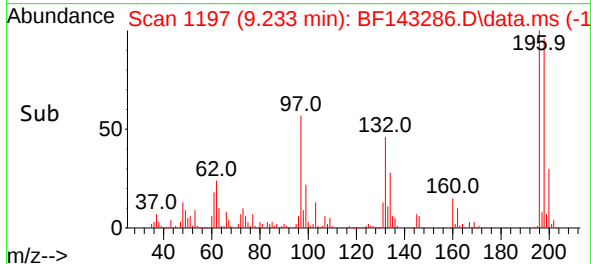
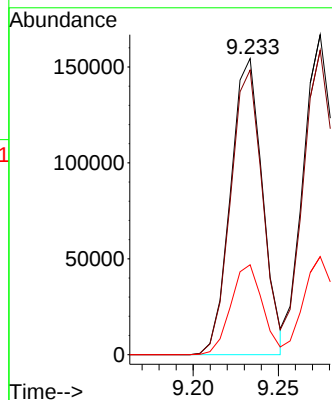


#43
2,4,6-Trichlorophenol
Concen: 43.232 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

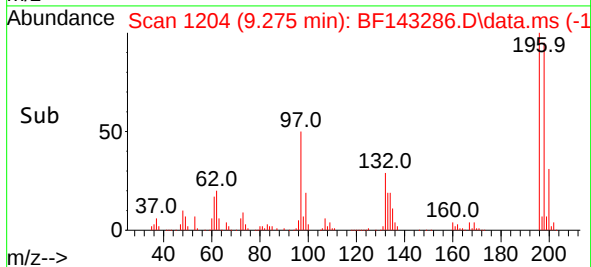
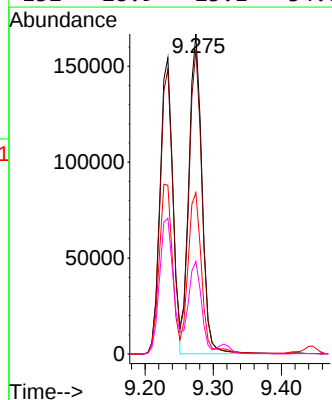
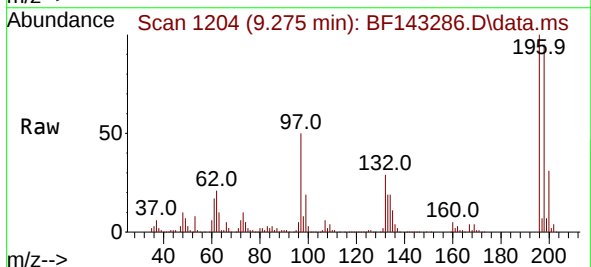


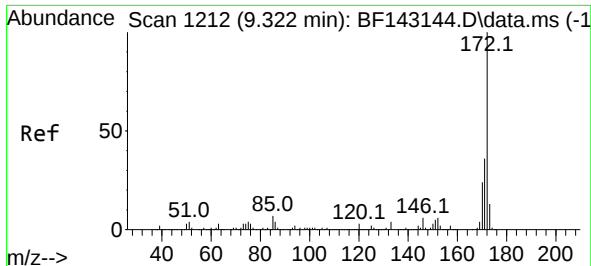
Tgt Ion:196 Resp: 201354
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.2
200 30.4 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 47.273 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:196 Resp: 220243
Ion Ratio Lower Upper
196 100
198 95.1 77.3 115.9
97 50.4 40.3 60.5
132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 79.742 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

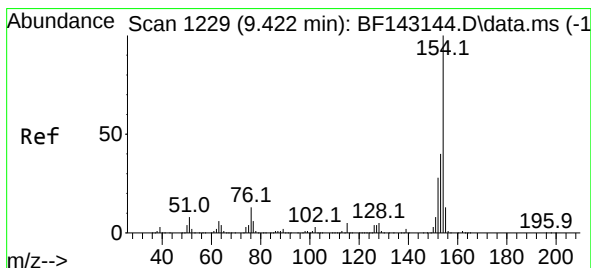
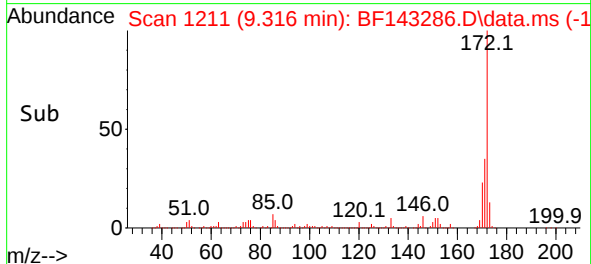
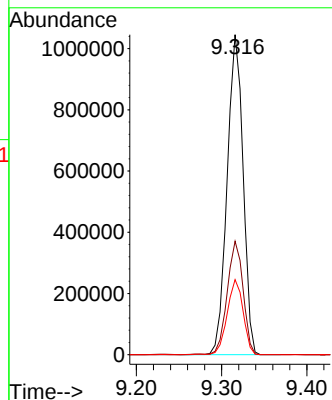
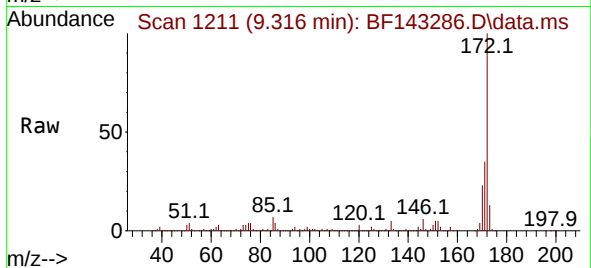
Tgt Ion:172 Resp: 1359109

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.805 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

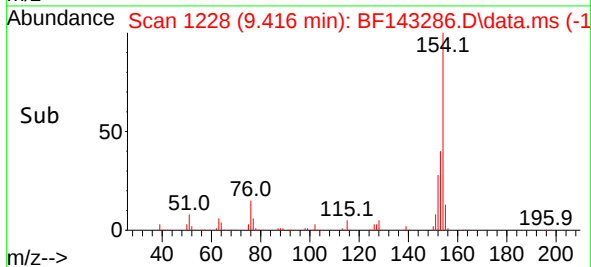
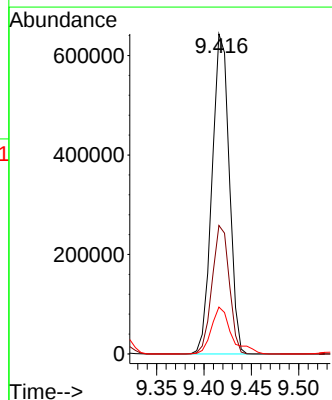
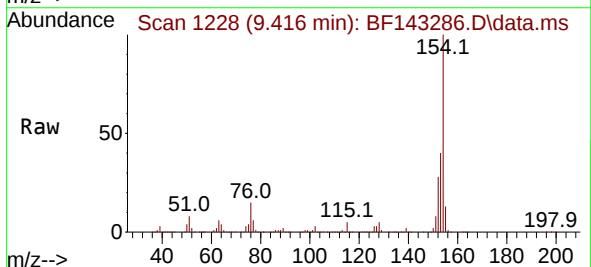
Tgt Ion:154 Resp: 814833

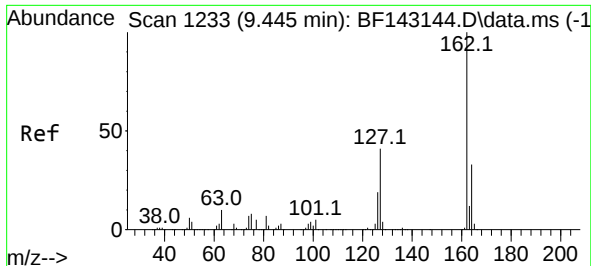
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 14.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.920 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

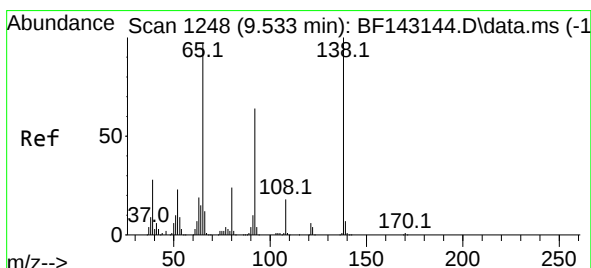
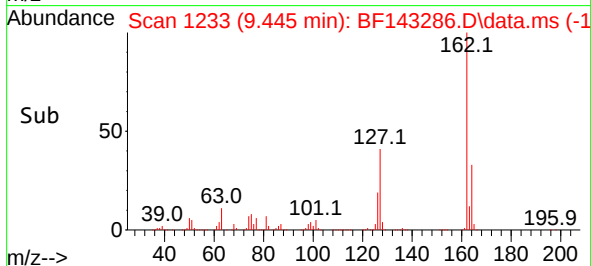
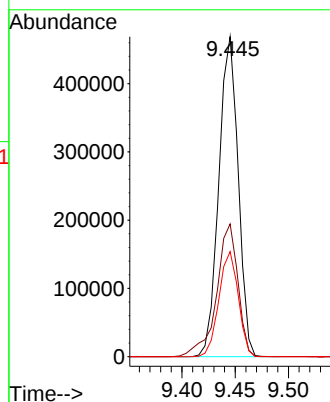
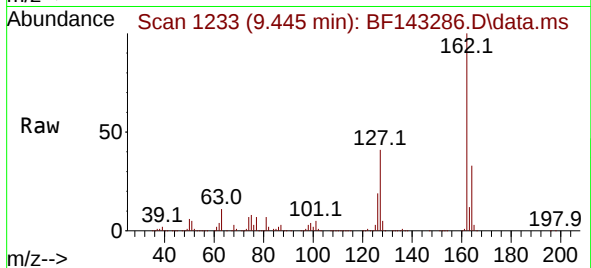
Tgt Ion:162 Resp: 591003

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 49.030 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

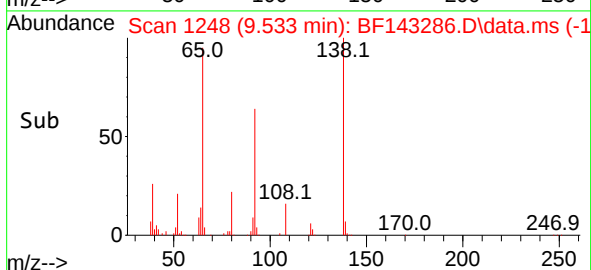
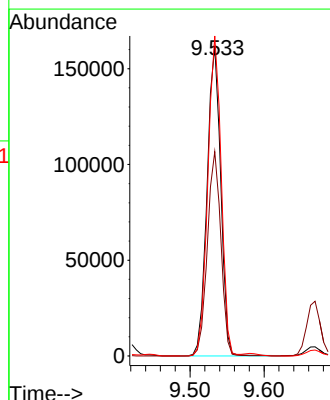
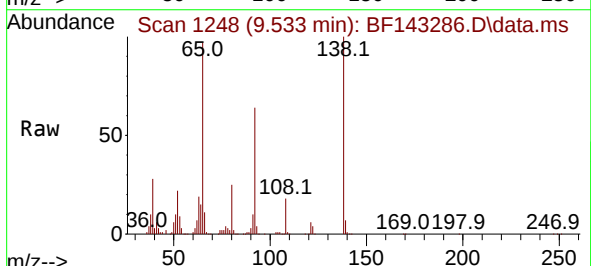
Tgt Ion: 65 Resp: 206899

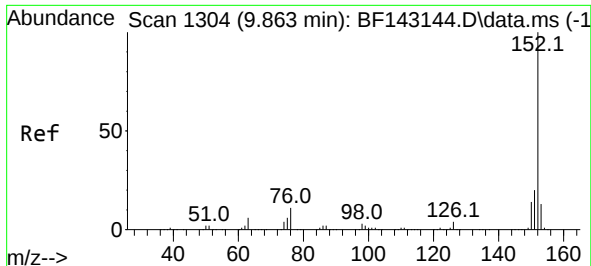
Ion Ratio Lower Upper

65 100

92 66.0 52.4 78.6

138 103.3 82.3 123.5

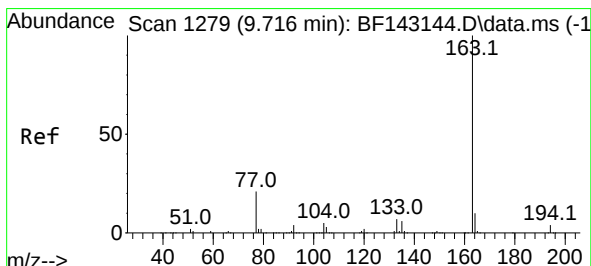
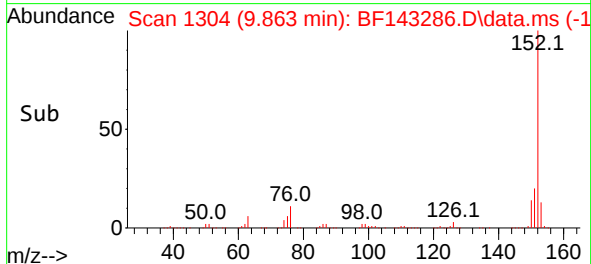
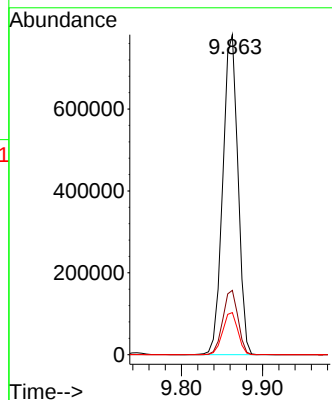
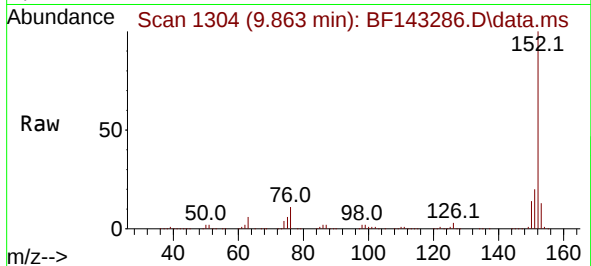




#49
Acenaphthylene
Concen: 45.172 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

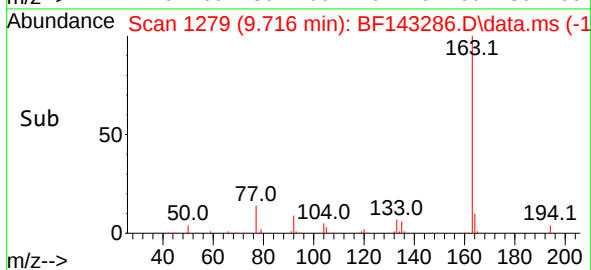
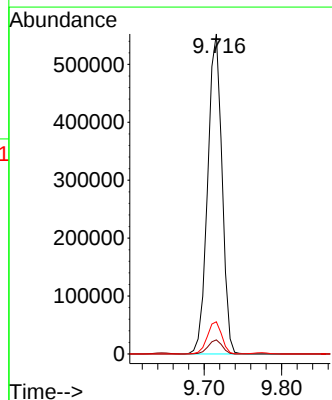
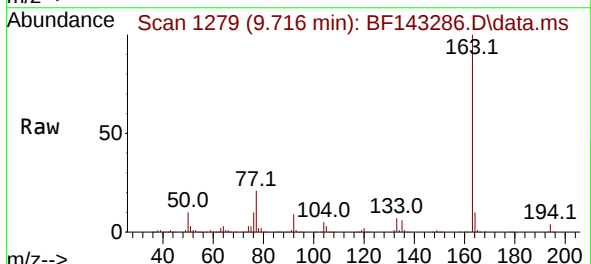
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:152 Resp: 1018670
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 46.574 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:163 Resp: 707638
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 49.891 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF143286.D

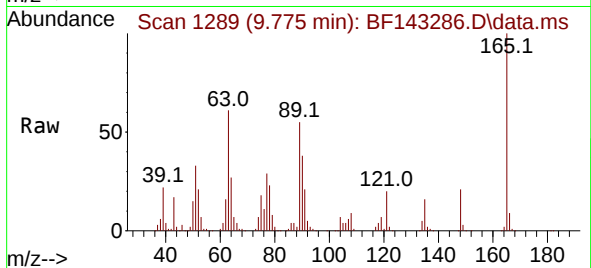
Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS



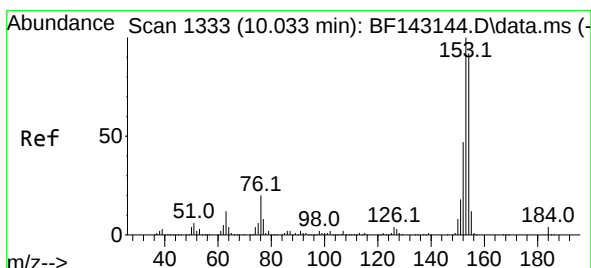
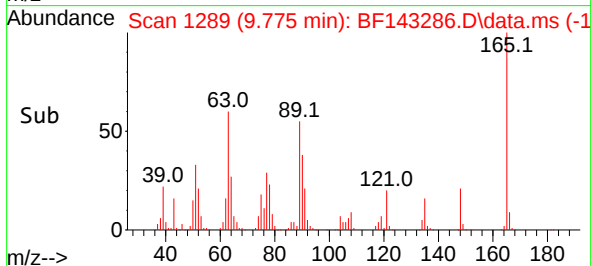
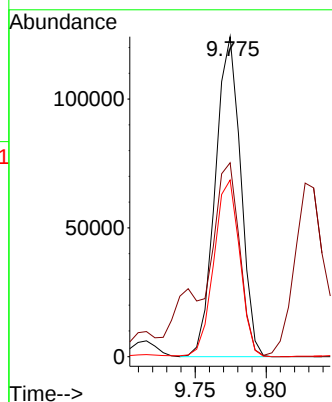
Tgt Ion:165 Resp: 154207

Ion Ratio Lower Upper

165 100

63 60.6 49.4 74.2

89 55.2 46.2 69.2



#52

Acenaphthene

Concen: 50.177 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

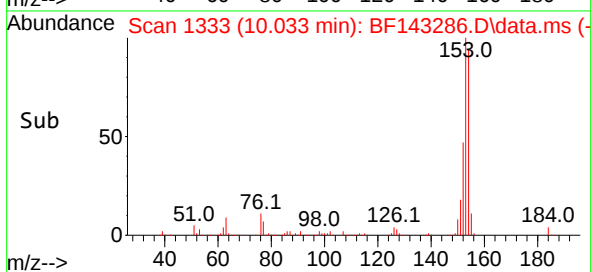
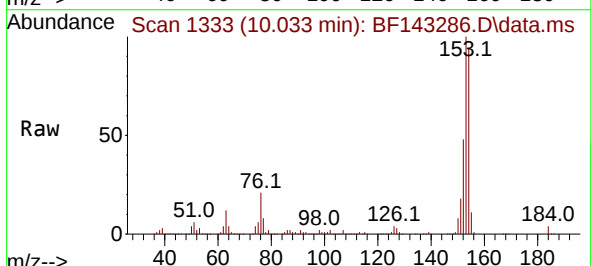
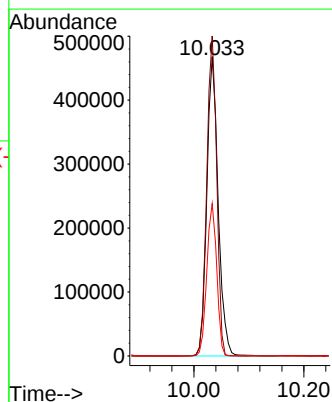
Tgt Ion:154 Resp: 668785

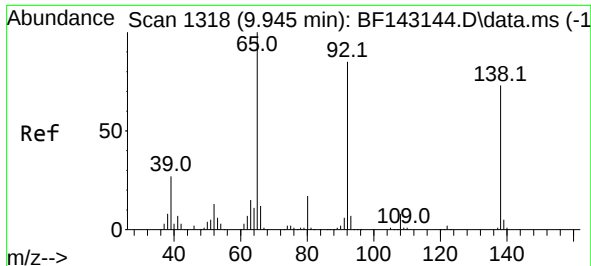
Ion Ratio Lower Upper

154 100

153 106.9 86.6 129.8

152 50.9 40.4 60.6

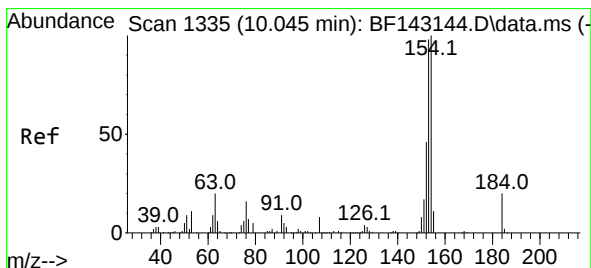
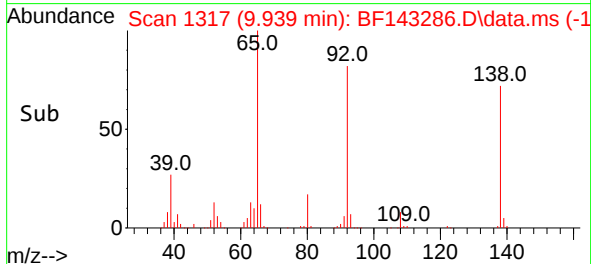
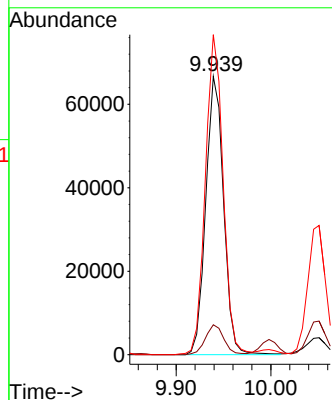
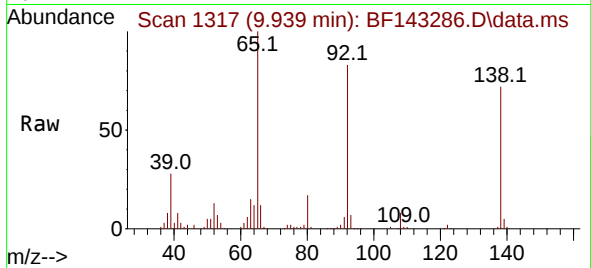




#53
3-Nitroaniline
Concen: 24.072 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

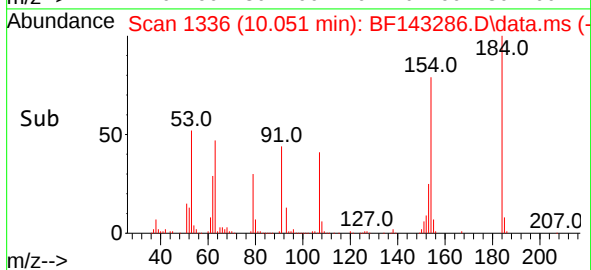
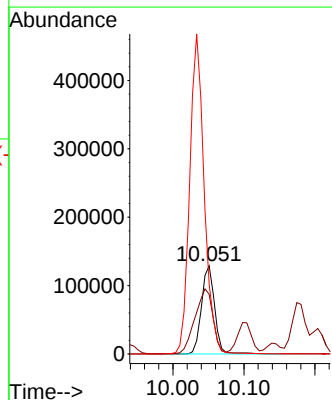
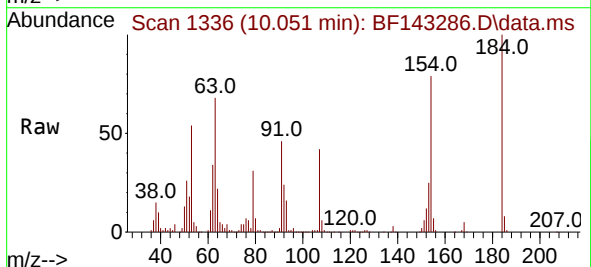
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

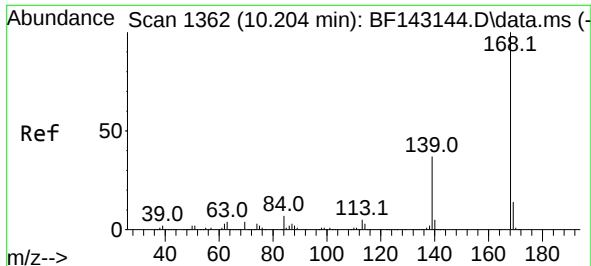
Tgt Ion:138 Resp: 87027
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 115.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 115.662 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:184 Resp: 166564
Ion Ratio Lower Upper
184 100
63 67.7 81.8 122.6#
154 79.2 412.2 618.4#

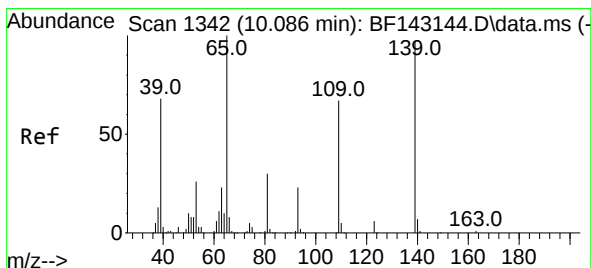
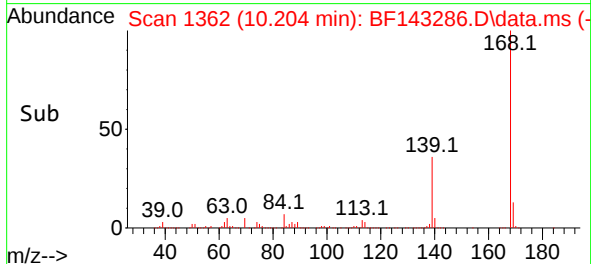
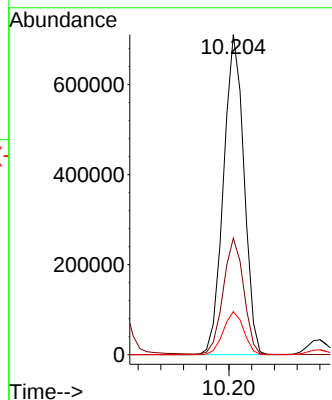
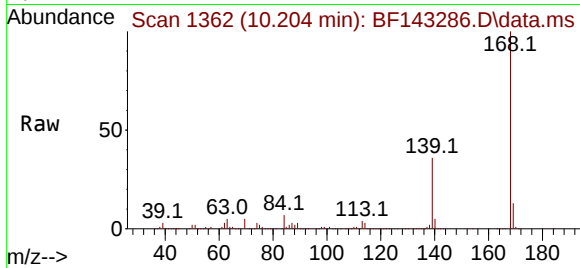




#55
Dibenzenofuran
Concen: 44.896 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

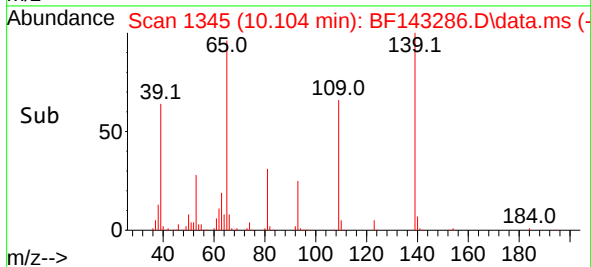
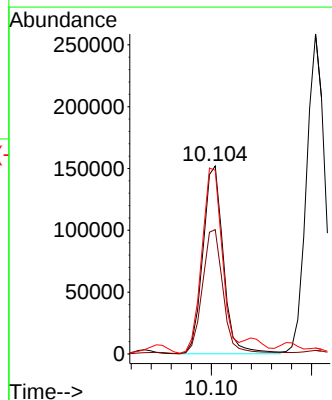
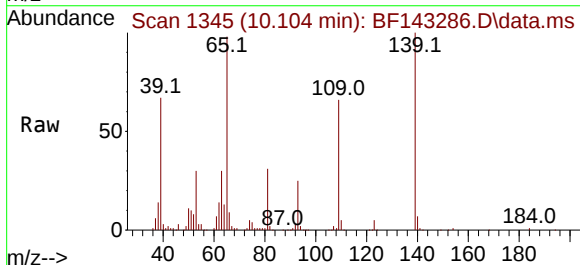
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

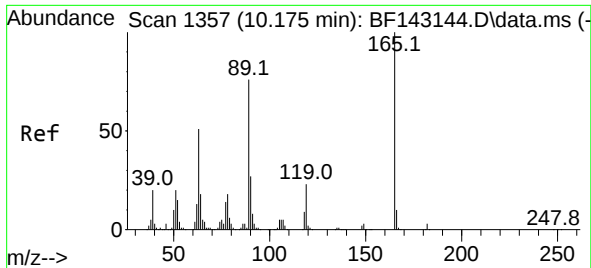
Tgt Ion:168 Resp: 888427
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 79.936 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

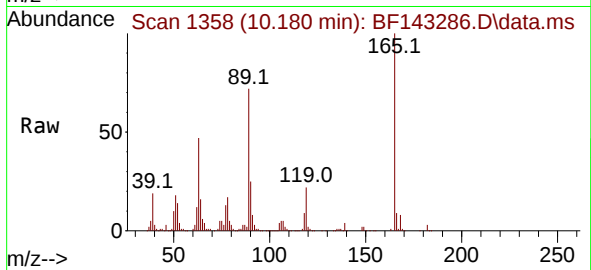
Tgt Ion:139 Resp: 215801
Ion Ratio Lower Upper
139 100
109 66.2 48.5 88.5
65 97.7 83.4 123.4



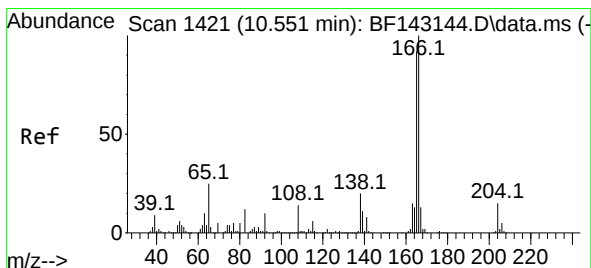
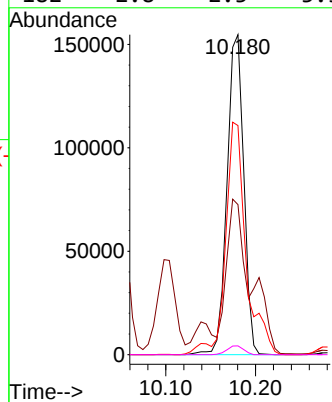
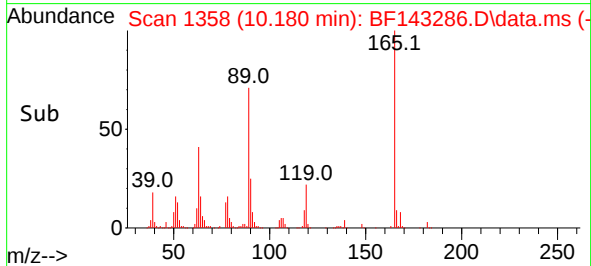


#57
2,4-Dinitrotoluene
Concen: 51.533 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

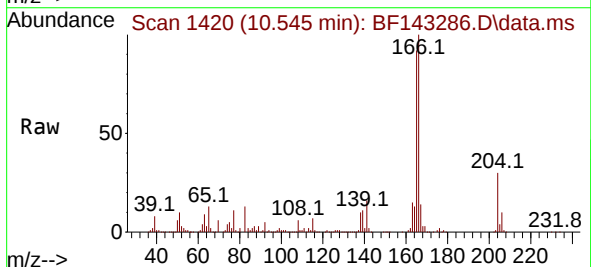
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS



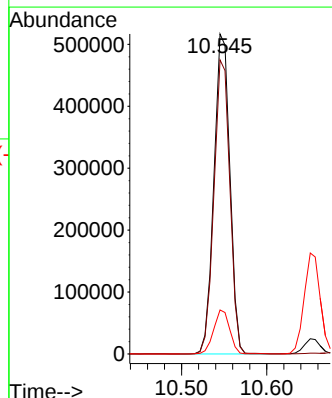
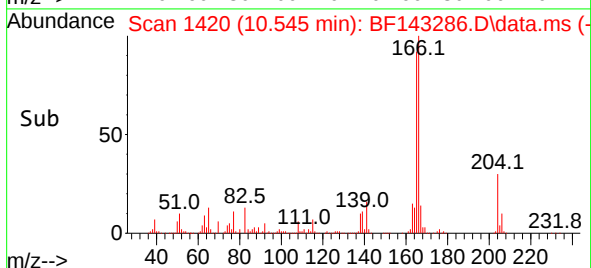
Tgt Ion:165 Resp: 199835
Ion Ratio Lower Upper
165 100
63 46.9 41.0 61.4
89 71.6 61.1 91.7
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.240 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01



Tgt Ion:166 Resp: 671890
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 13.7 10.6 16.0

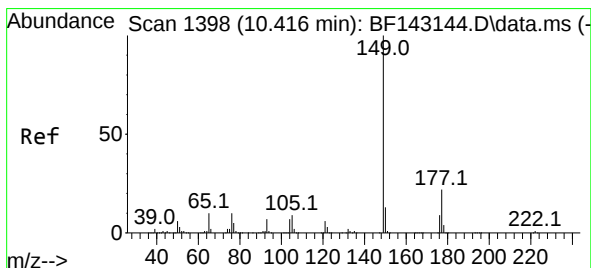
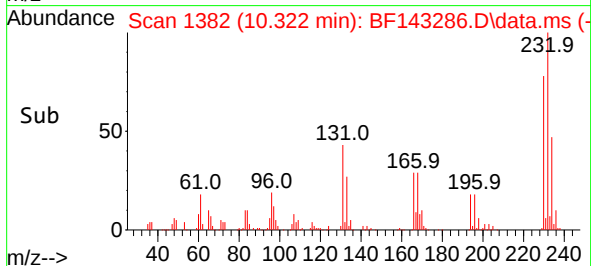
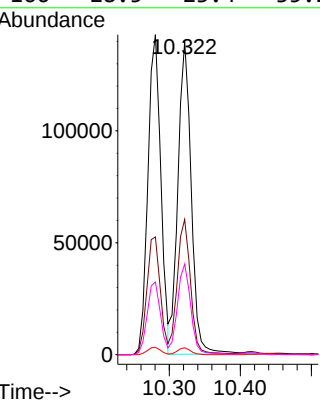
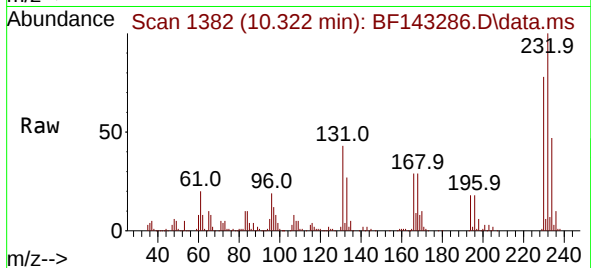




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.250 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

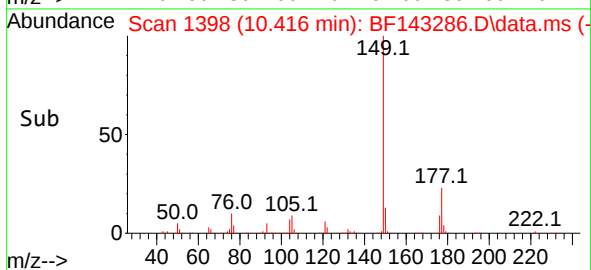
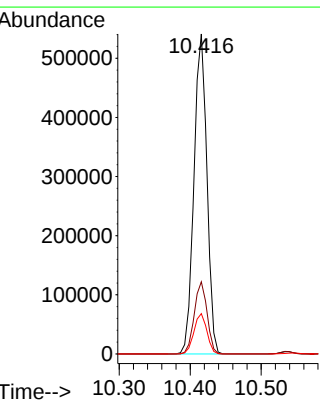
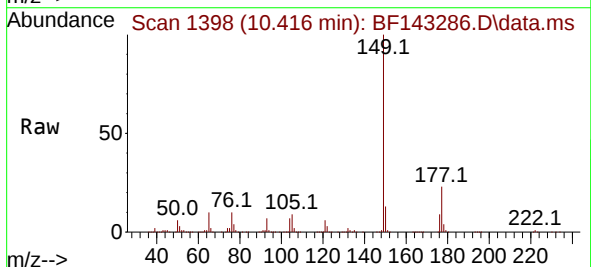
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

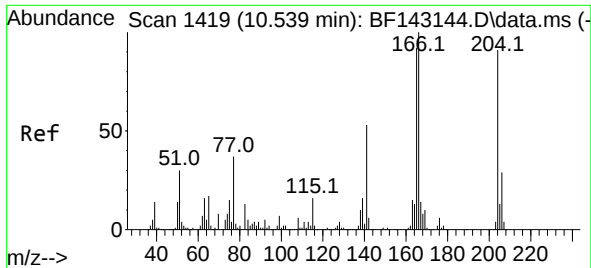
Tgt Ion:232 Resp: 182352
Ion Ratio Lower Upper
232 100
131 43.5 35.3 52.9
130 2.2 1.7 2.5
166 28.5 23.4 35.2



#60
Diethylphthalate
Concen: 45.711 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:149 Resp: 686467
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.6 10.2 15.2

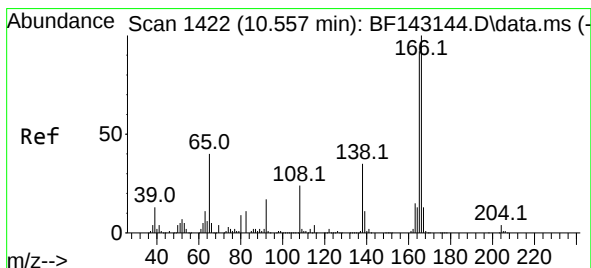
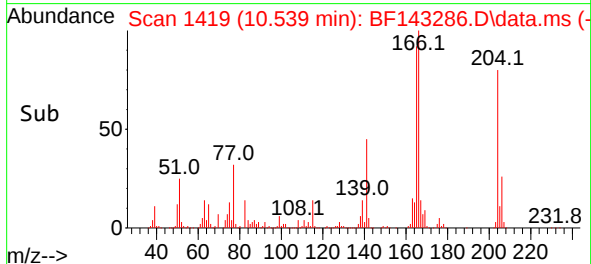
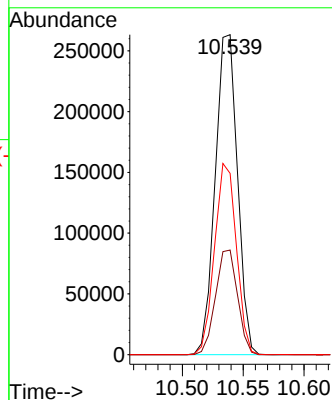
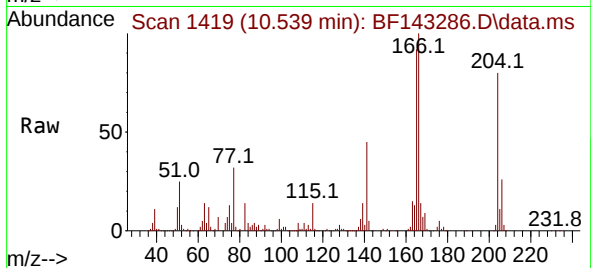




#61
4-Chlorophenyl-phenylether
Concen: 45.342 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

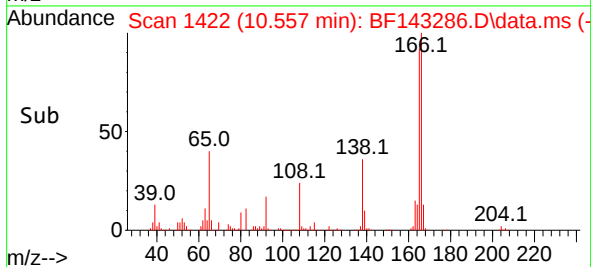
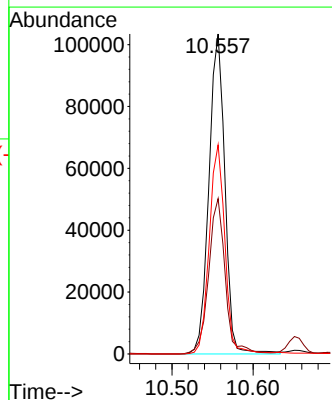
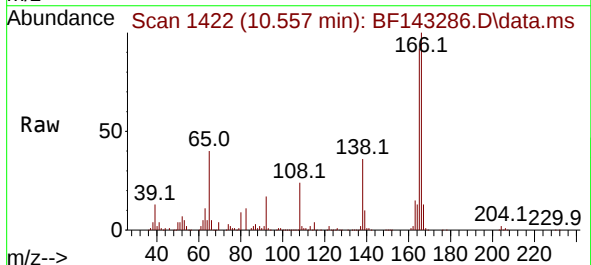
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

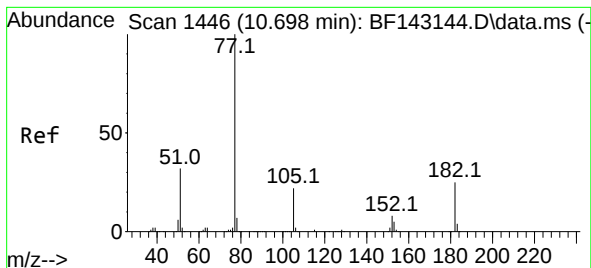
Tgt Ion:204 Resp: 335317
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 56.6 47.0 70.4



#62
4-Nitroaniline
Concen: 45.491 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:138 Resp: 140953
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 65.3 48.3 88.3

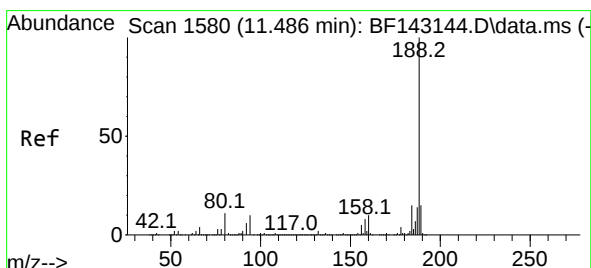
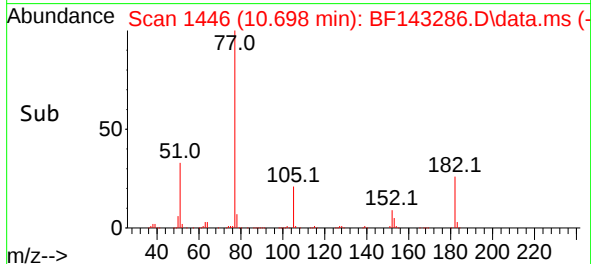
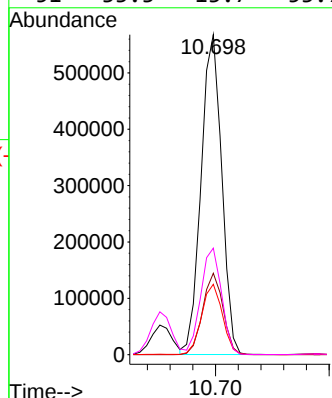
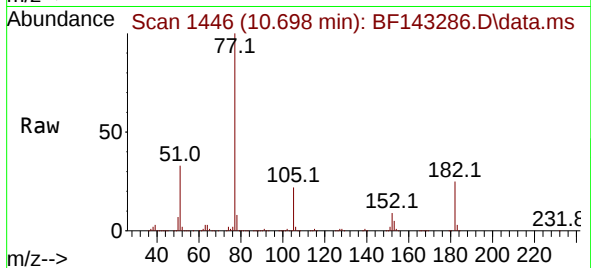




#63
Azobenzene
Concen: 45.742 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

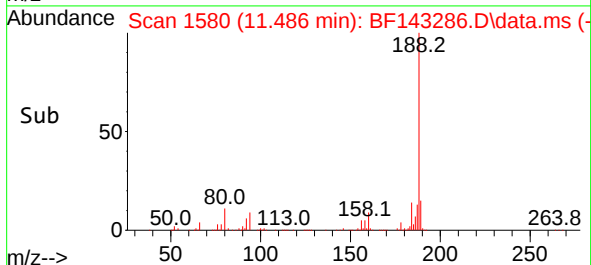
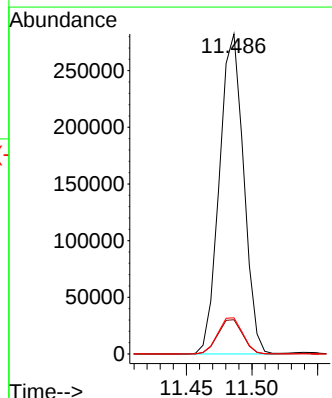
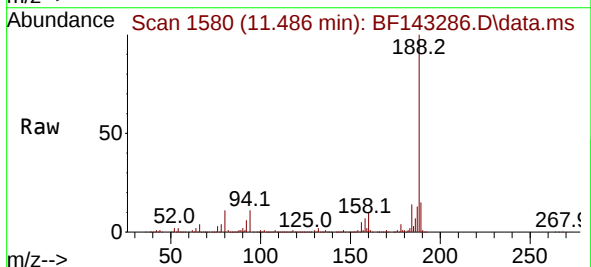
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

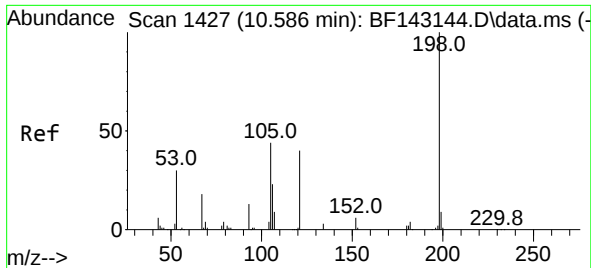
Tgt Ion:	77	Resp:	715935
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.6	44.6
105	22.0	1.4	41.4
51	33.3	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:	188	Resp:	363153
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.3	9.0	13.6

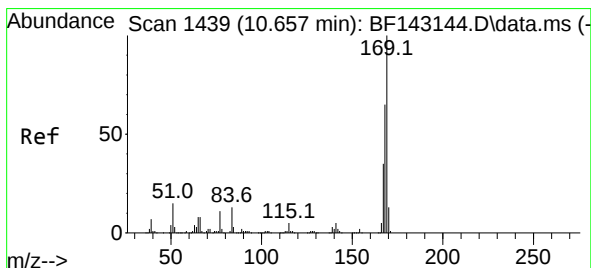
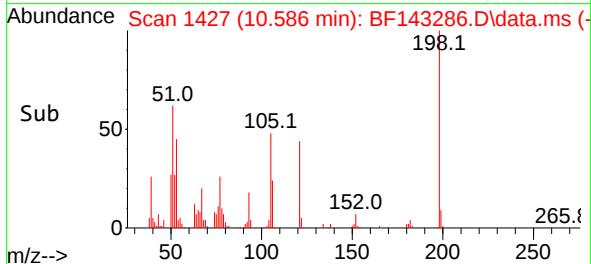
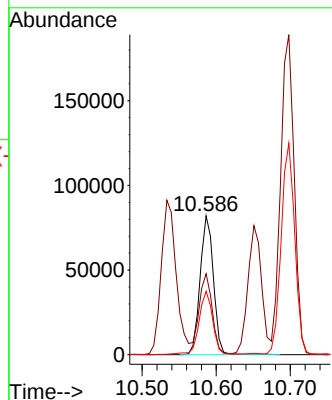
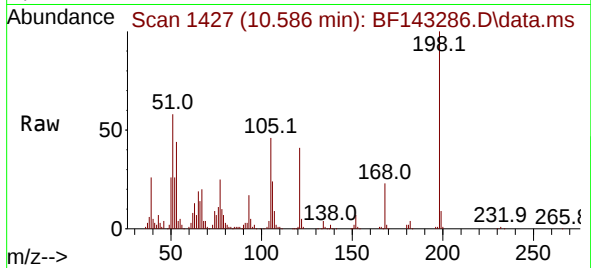




#65
4,6-Dinitro-2-methylphenol
Concen: 52.939 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

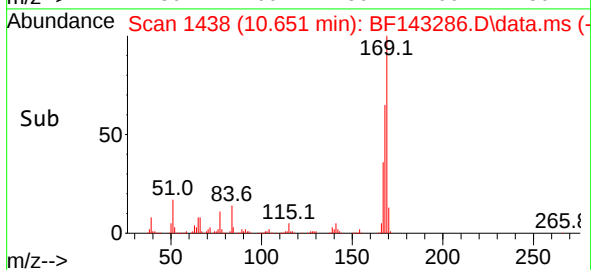
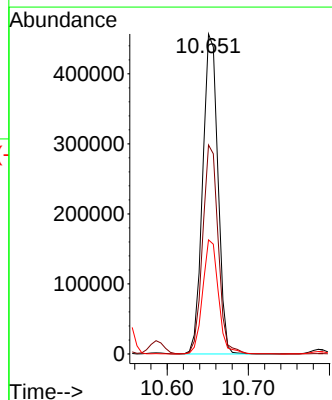
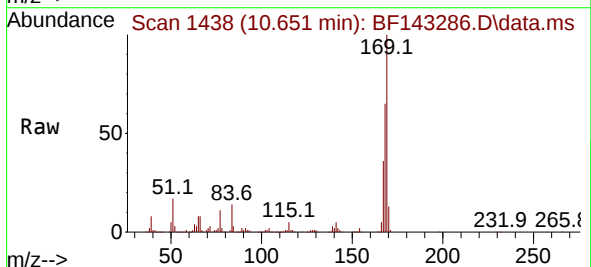
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:198 Resp: 101977
Ion Ratio Lower Upper
198 100
51 58.3 37.2 77.2
105 45.7 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 46.388 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:169 Resp: 593200
Ion Ratio Lower Upper
169 100
168 65.3 52.1 78.1
167 35.7 28.2 42.2

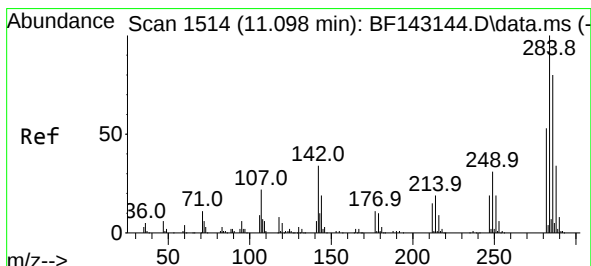
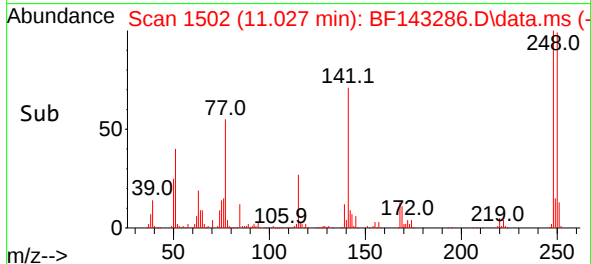
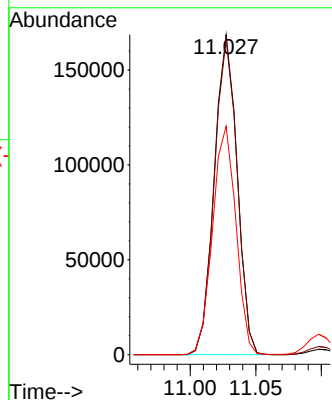
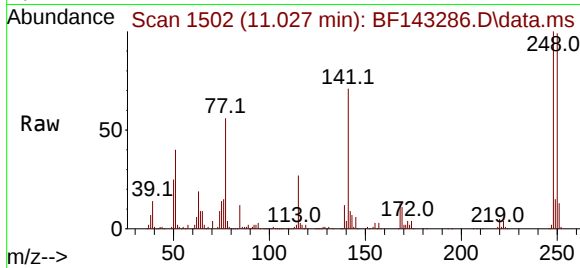




#67
4-Bromophenyl-phenylether
Concen: 47.305 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

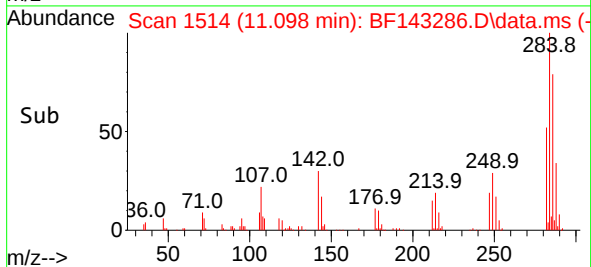
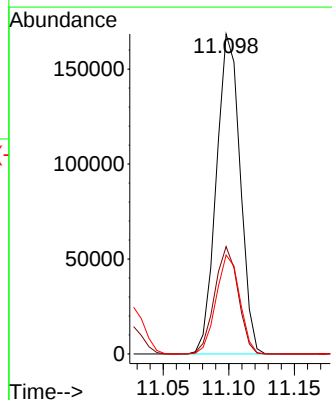
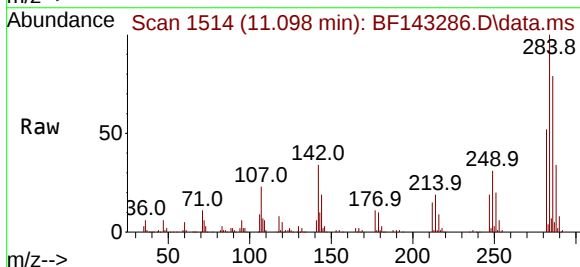
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

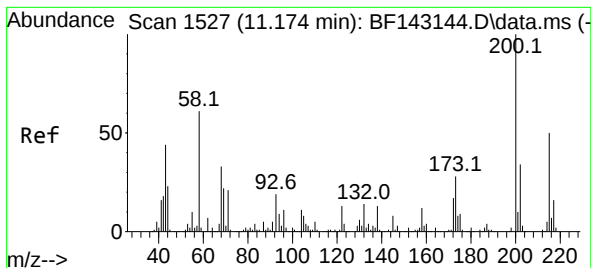
Tgt Ion:248 Resp: 204729
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 71.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 46.898 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:284 Resp: 212142
Ion Ratio Lower Upper
284 100
142 33.6 27.0 40.6
249 30.9 25.0 37.6





#69

Atrazine

Concen: 47.859 ng

RT: 11.174 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

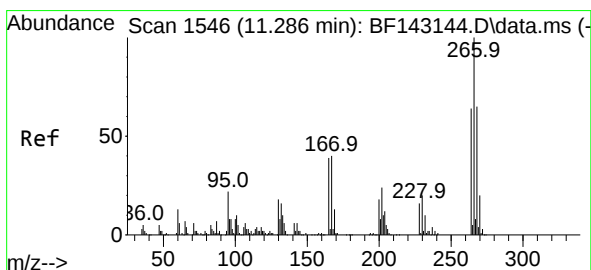
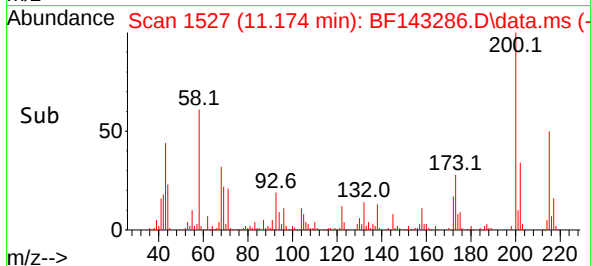
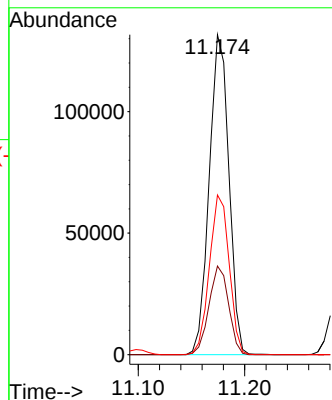
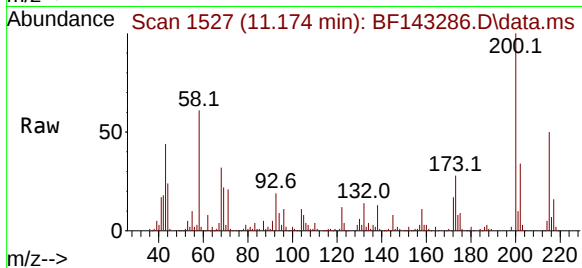
Tgt Ion:200 Resp: 168726

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

215 49.9 30.1 70.1



#70

Pentachlorophenol

Concen: 91.645 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

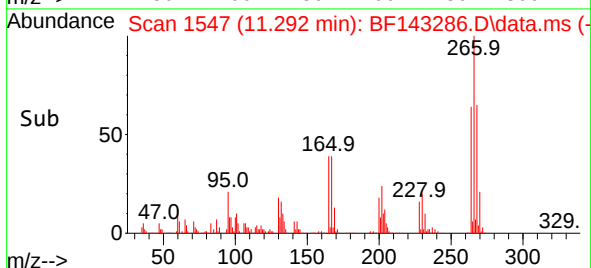
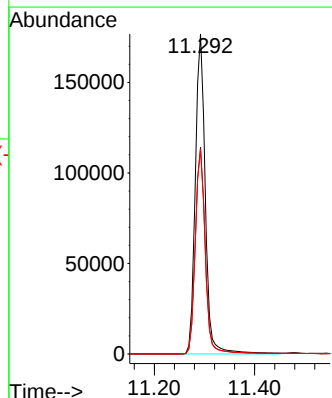
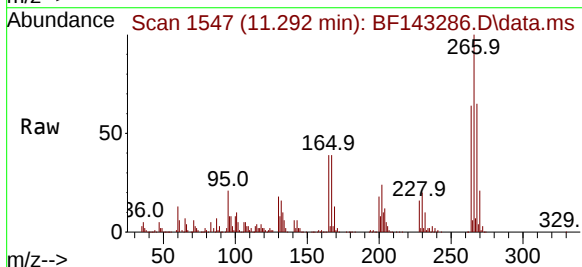
Tgt Ion:266 Resp: 243791

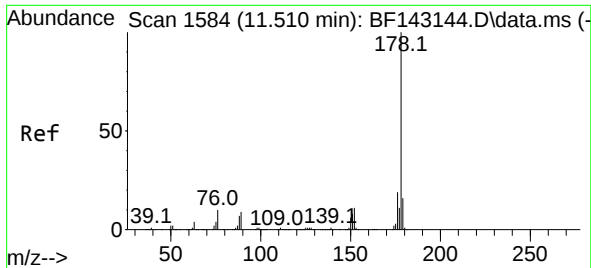
Ion Ratio Lower Upper

266 100

268 64.6 51.9 77.9

264 64.0 51.0 76.6

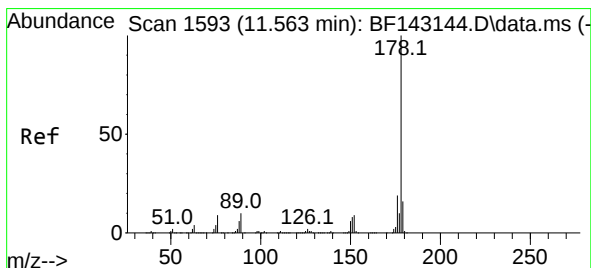
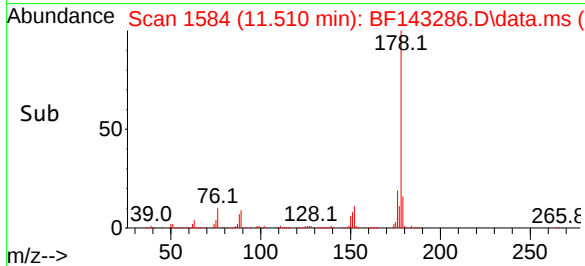
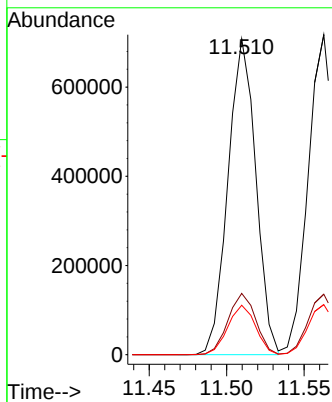
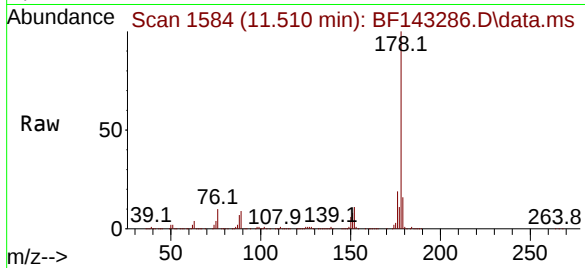




#71
Phenanthrene
Concen: 45.908 ng
RT: 11.510 min Scan# 11584
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

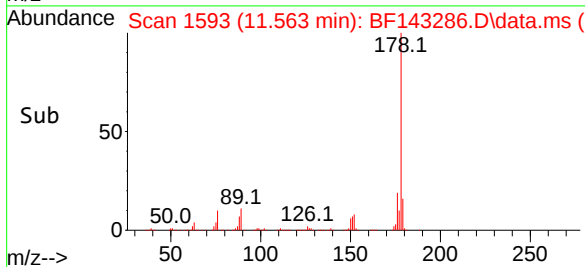
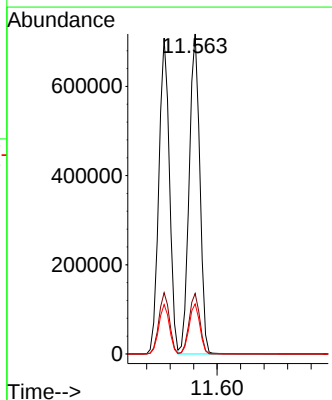
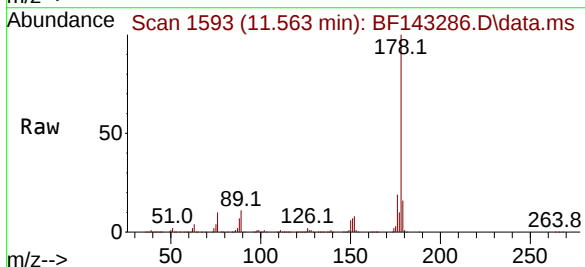
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

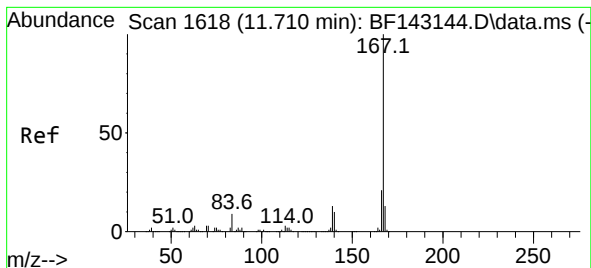
Tgt Ion:178 Resp: 885202
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 45.671 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:178 Resp: 898167
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.5 18.7





#73

Carbazole

Concen: 46.621 ng

RT: 11.710 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

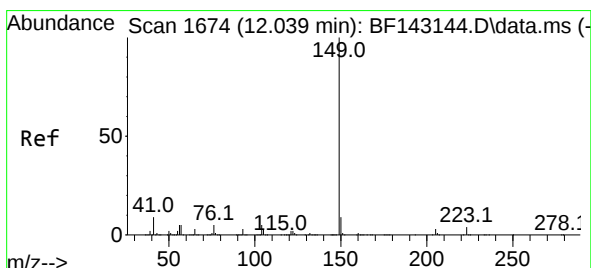
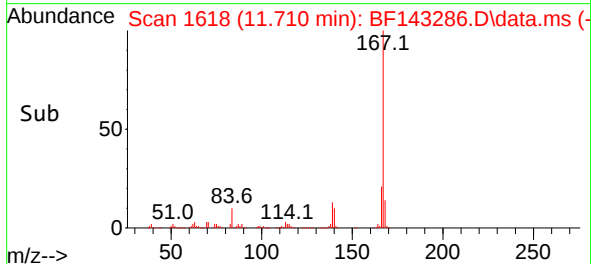
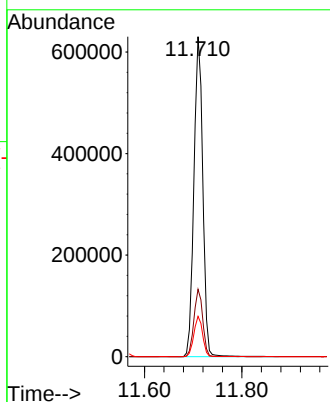
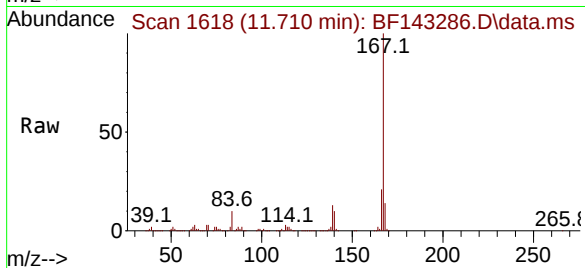
Tgt Ion:167 Resp: 800586

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 50.163 ng

RT: 12.039 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

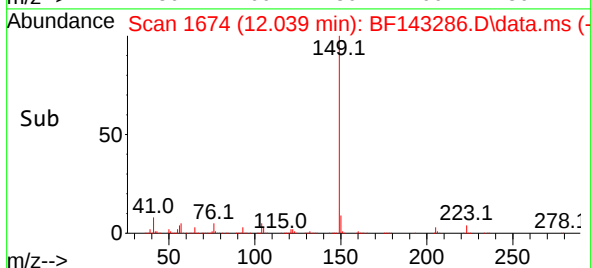
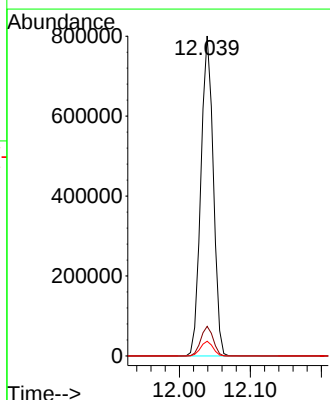
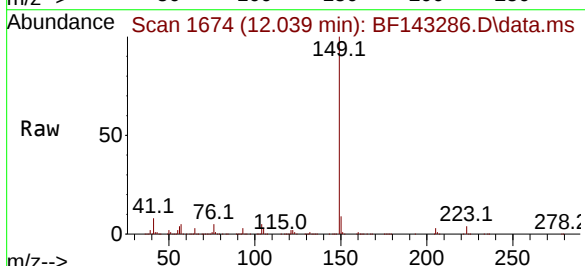
Tgt Ion:149 Resp: 974685

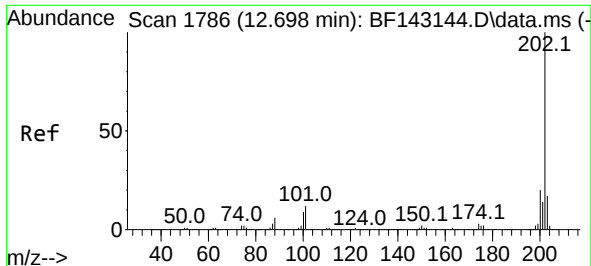
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 3.8 5.8

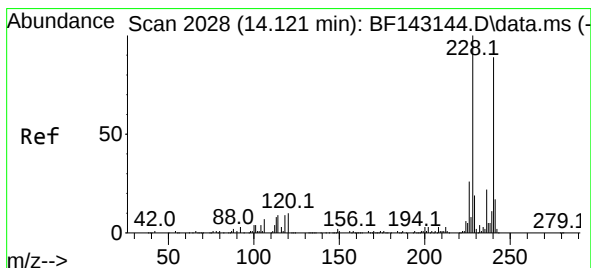
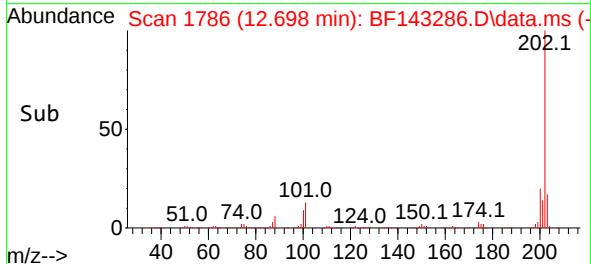
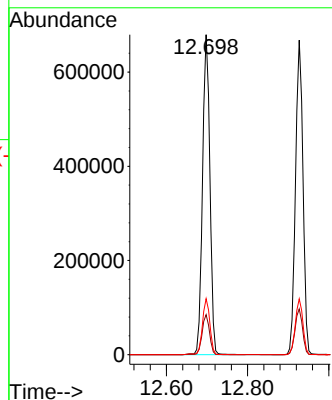
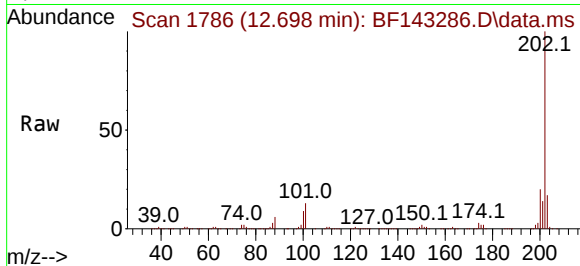




#75
Fluoranthene
Concen: 48.676 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

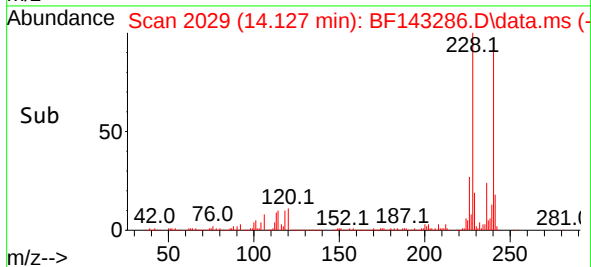
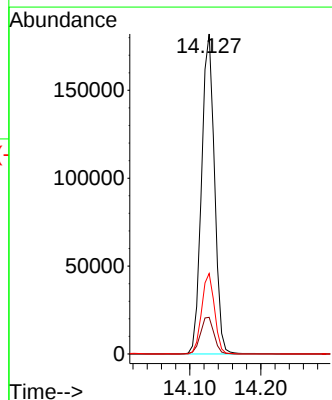
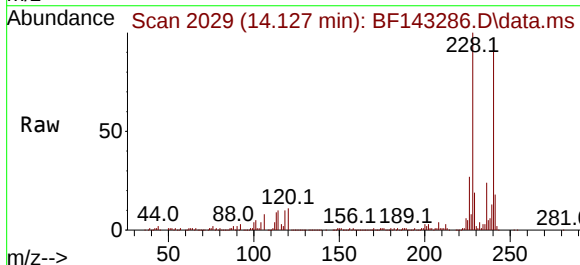
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

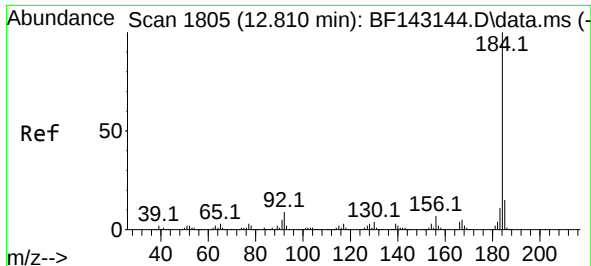
Tgt Ion:202 Resp: 861504
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:240 Resp: 231100
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.1 20.2 30.4

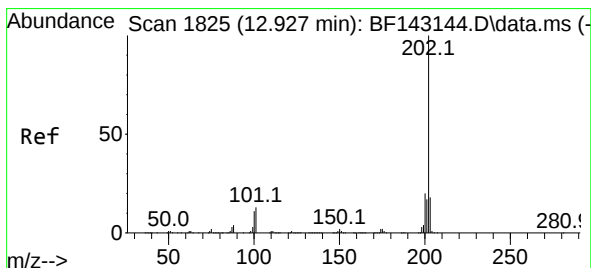
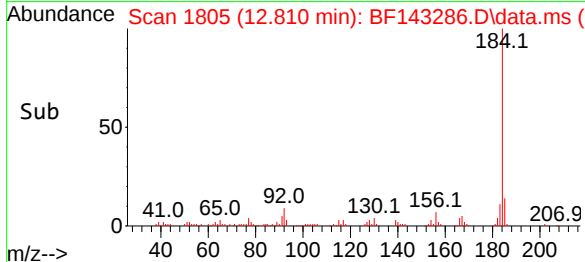
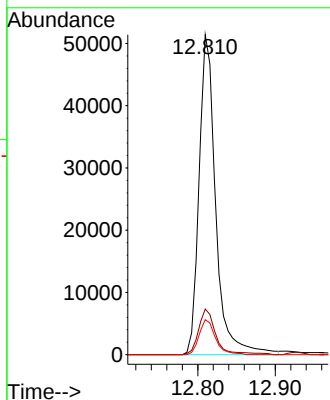
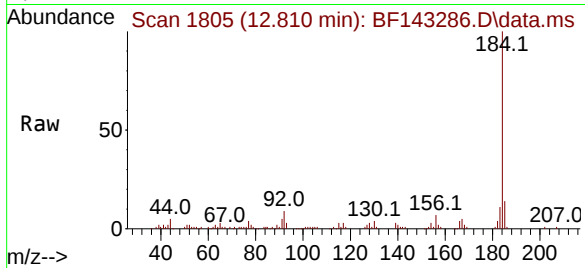




#77
Benzidine
Concen: 8.627 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

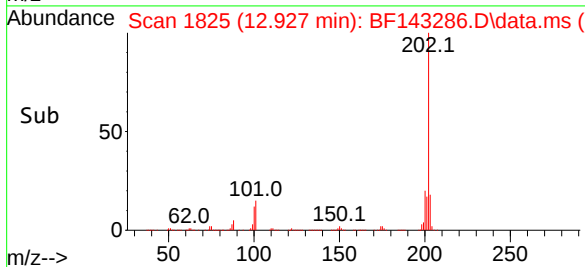
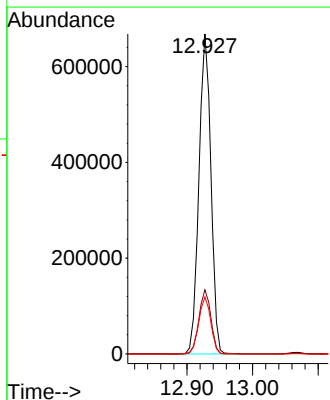
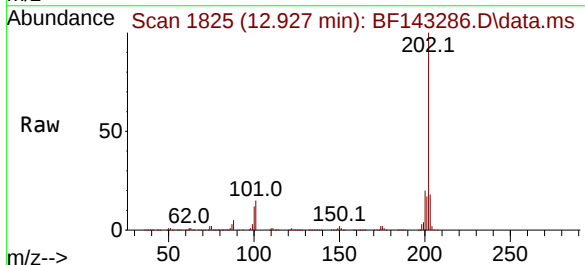
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:184 Resp: 76814
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 43.140 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:202 Resp: 850857
Ion Ratio Lower Upper
202 100
200 20.1 15.7 23.5
203 17.8 14.2 21.2

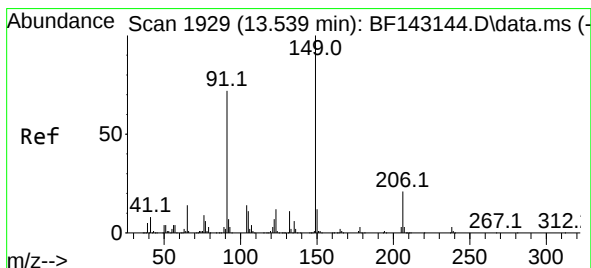
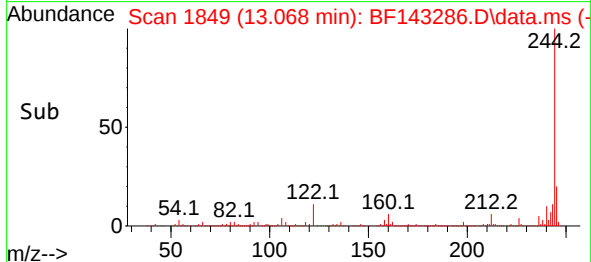
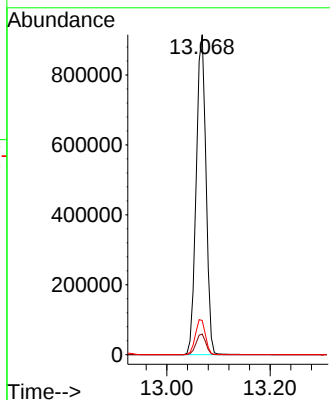
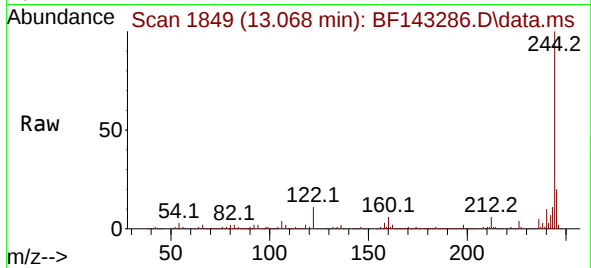




#79
 Terphenyl-d14
 Concen: 77.431 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

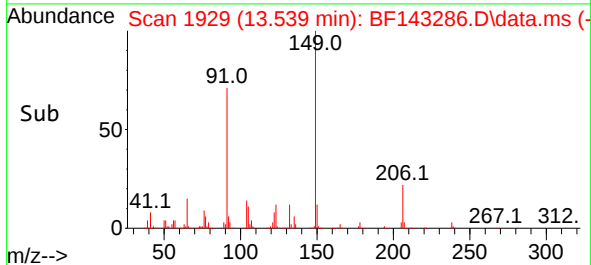
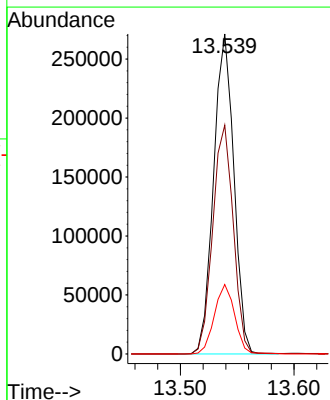
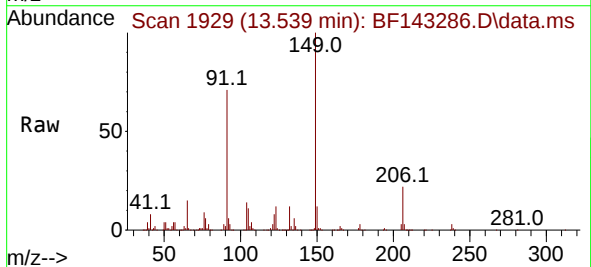
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240MS

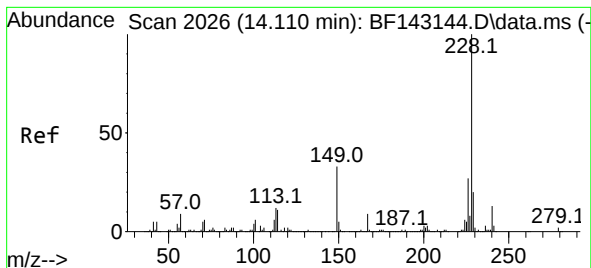
Tgt Ion:244 Resp: 1202485
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 55.827 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143286.D
 Acq: 01 Aug 2025 17:01

Tgt Ion:149 Resp: 337169
 Ion Ratio Lower Upper
 149 100
 91 71.5 57.9 86.9
 206 21.7 17.0 25.4





#81

Benzo(a)anthracene

Concen: 46.643 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

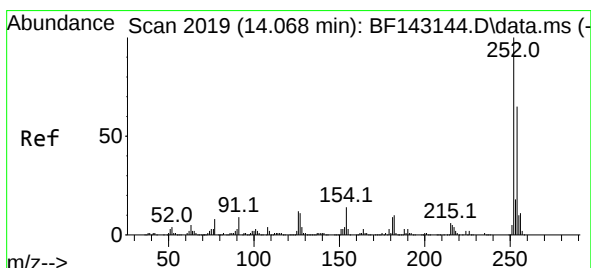
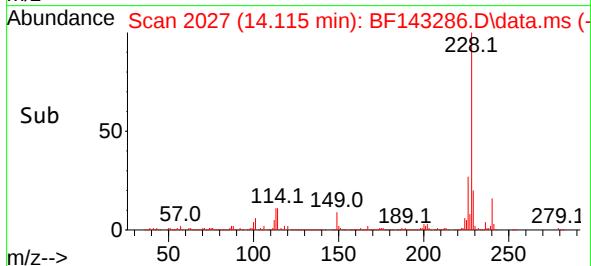
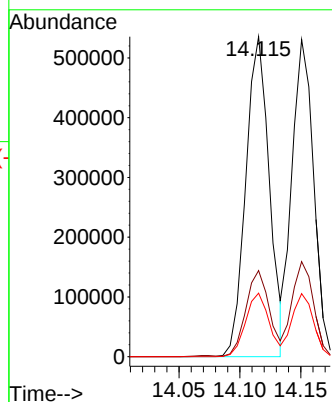
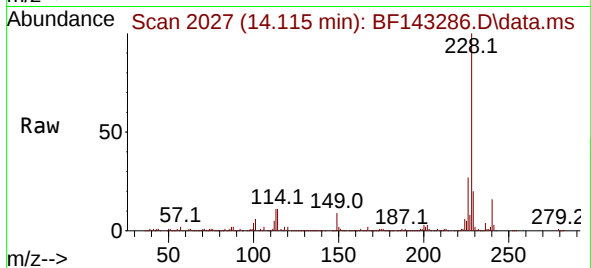
Tgt Ion:228 Resp: 721673

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 26.872 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

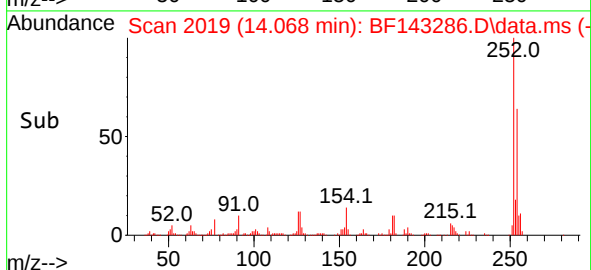
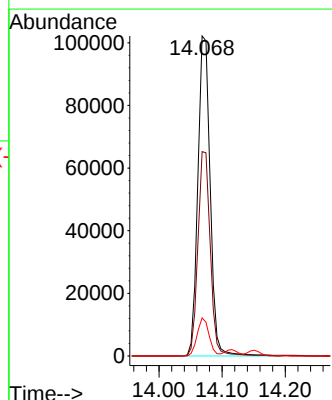
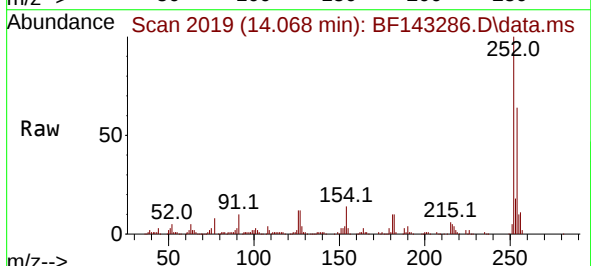
Tgt Ion:252 Resp: 138572

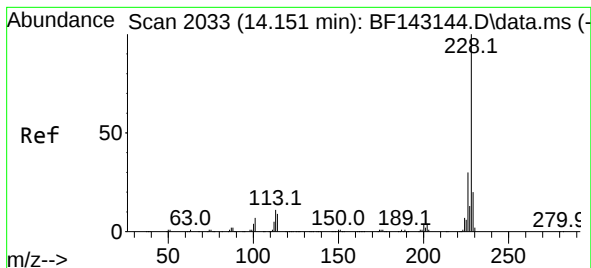
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 11.9 9.4 14.0





#83

Chrysene

Concen: 47.402 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

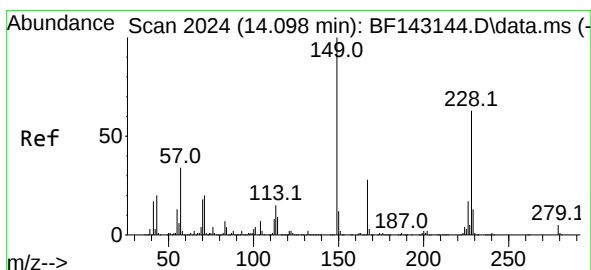
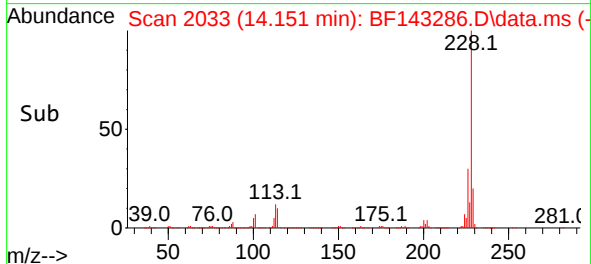
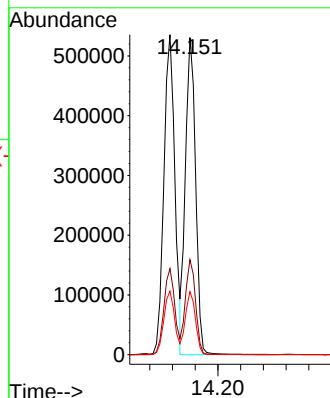
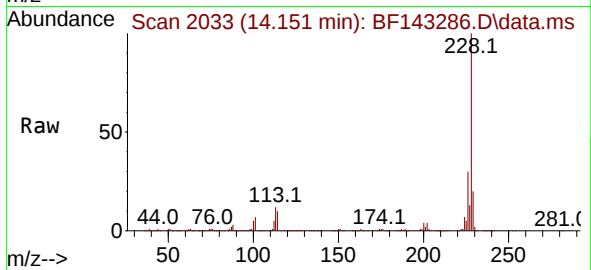
Tgt Ion:228 Resp: 659402

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.850 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

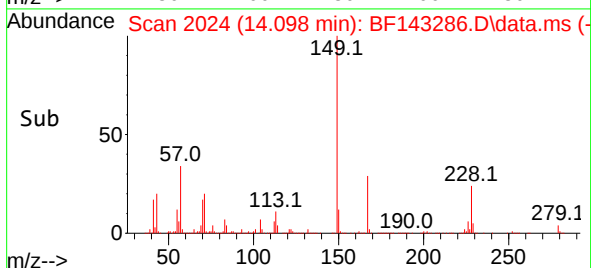
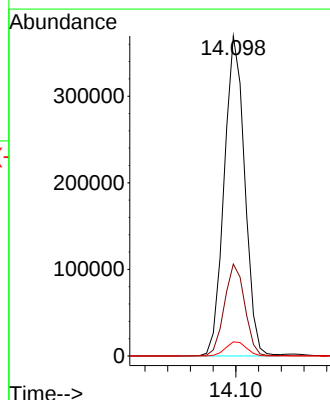
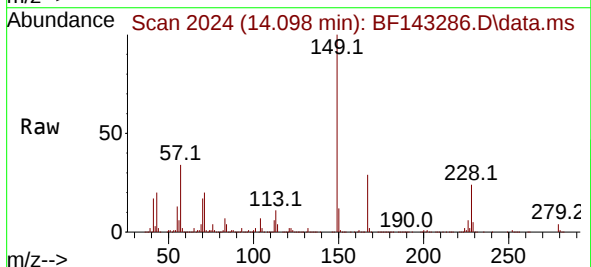
Tgt Ion:149 Resp: 464840

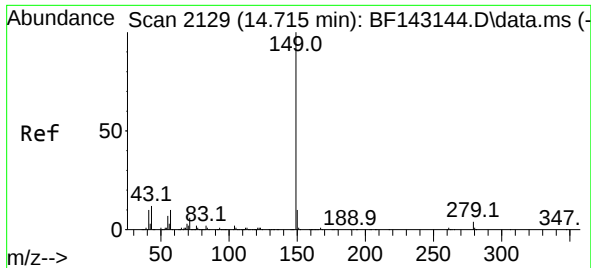
Ion Ratio Lower Upper

149 100

167 28.7 22.3 33.5

279 4.4 3.6 5.4

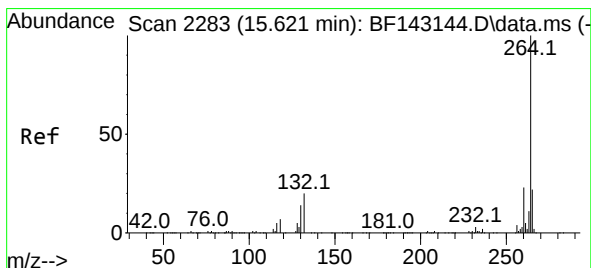
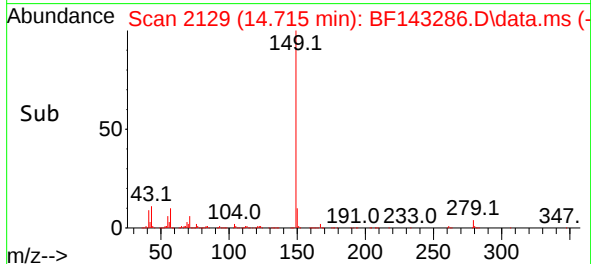
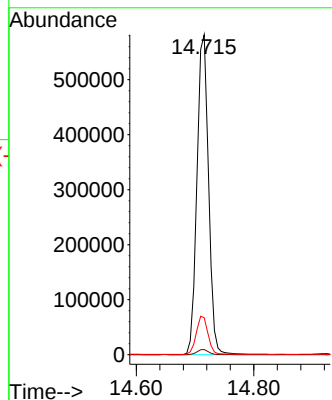
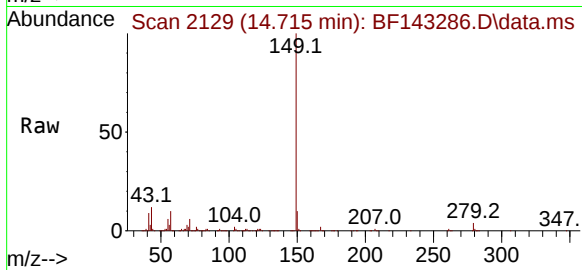




#85
Di-n-octyl phthalate
Concen: 48.002 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

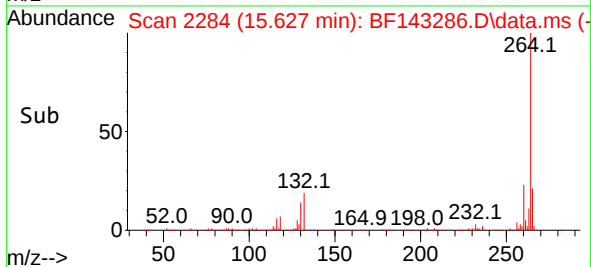
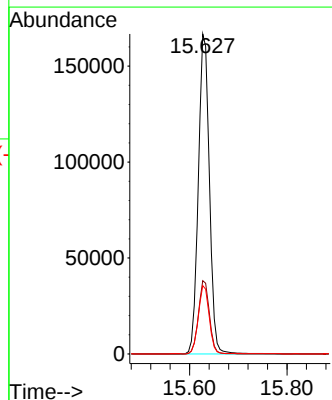
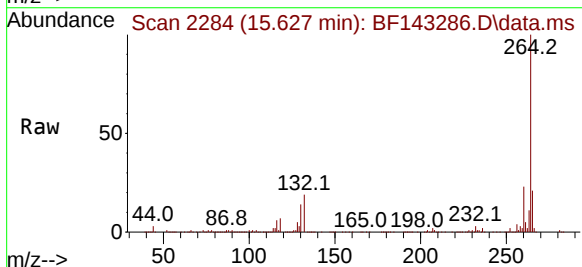
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

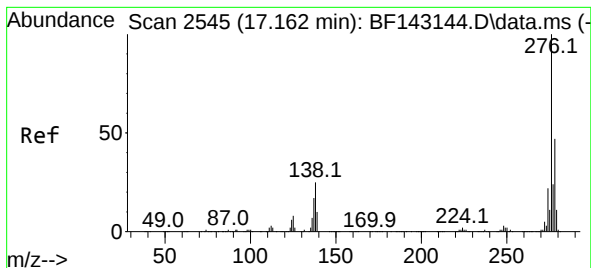
Tgt Ion:149 Resp: 795394
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.0 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:264 Resp: 264394
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.506 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143286.D

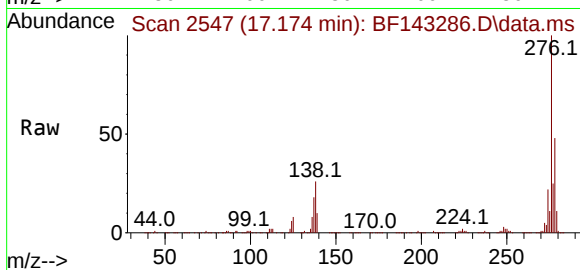
Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS



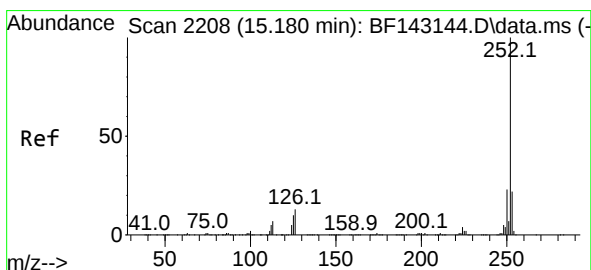
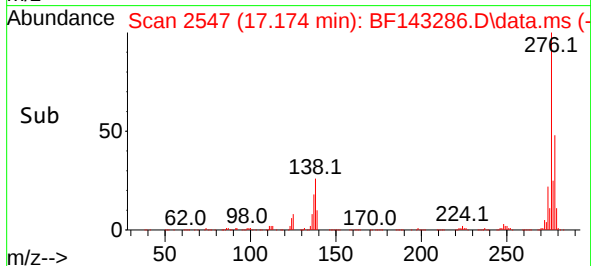
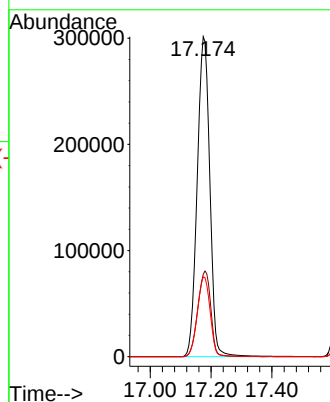
Tgt Ion:276 Resp: 867027

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.6

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.959 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

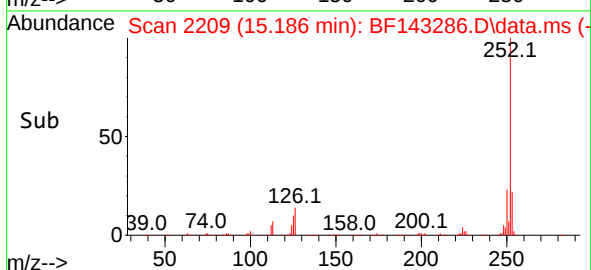
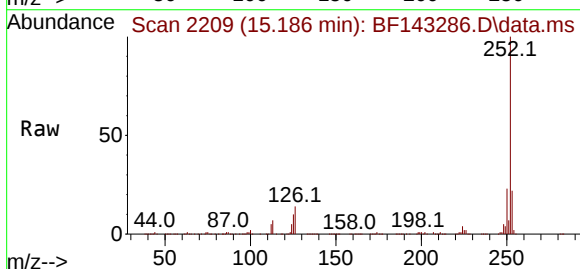
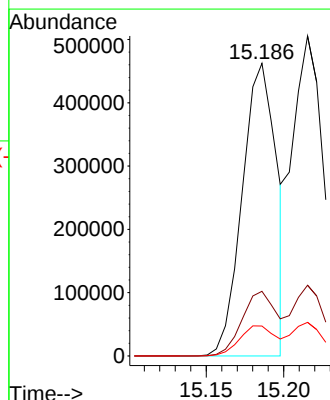
Tgt Ion:252 Resp: 710034

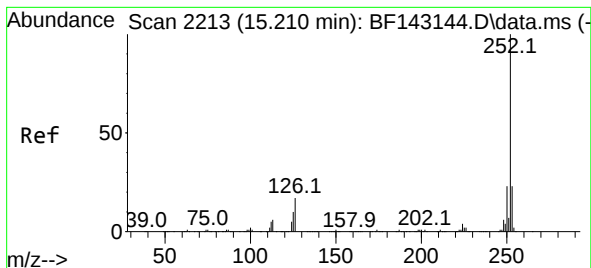
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.799 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240MS

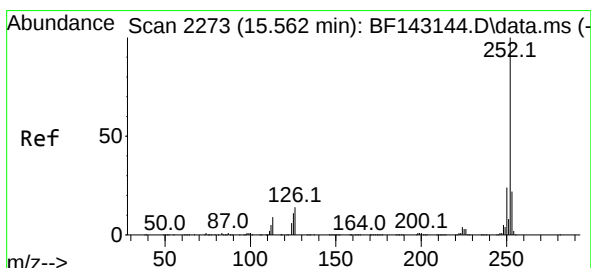
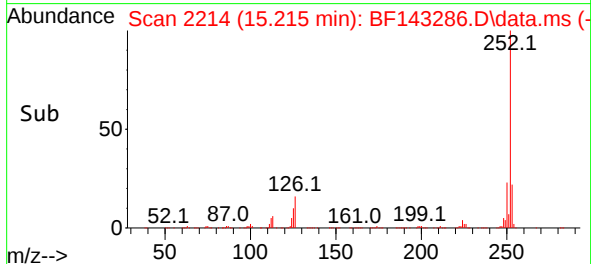
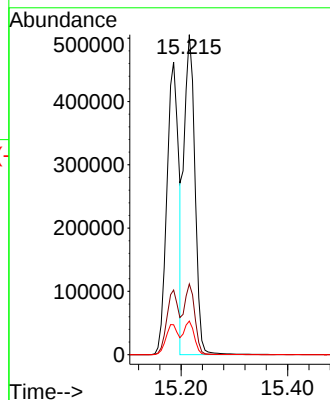
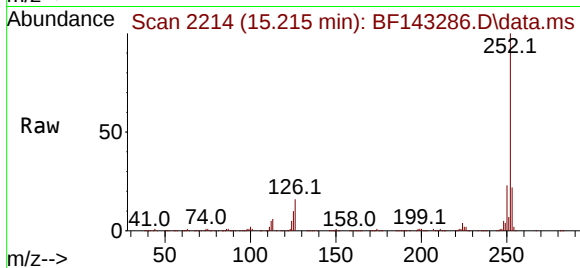
Tgt Ion:252 Resp: 717764

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.5 8.1 12.1



#90

Benzo(a)pyrene

Concen: 47.378 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143286.D

Acq: 01 Aug 2025 17:01

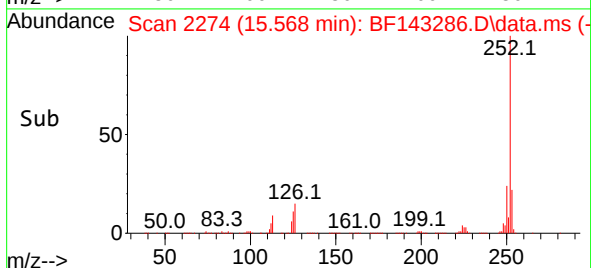
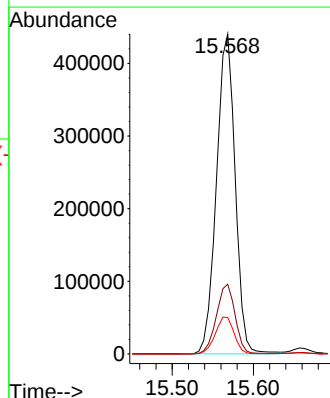
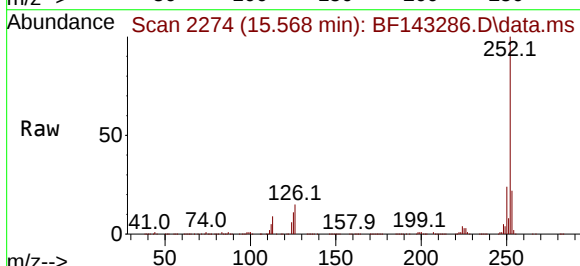
Tgt Ion:252 Resp: 705059

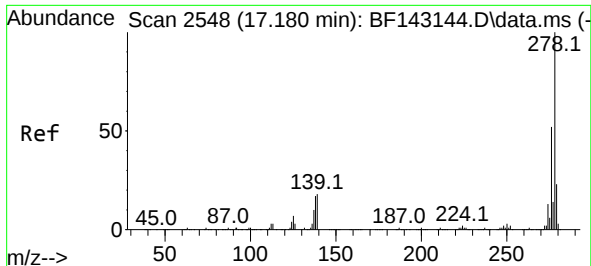
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.4 8.6 13.0

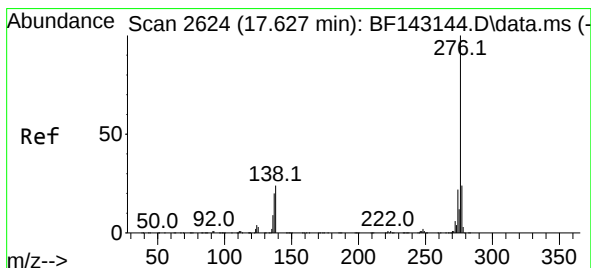
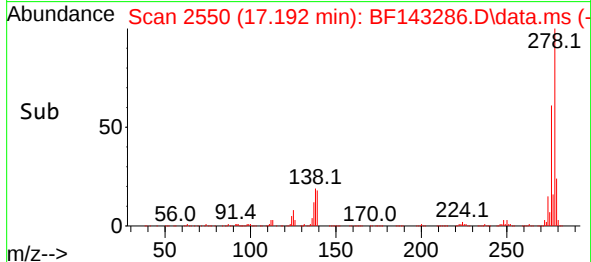
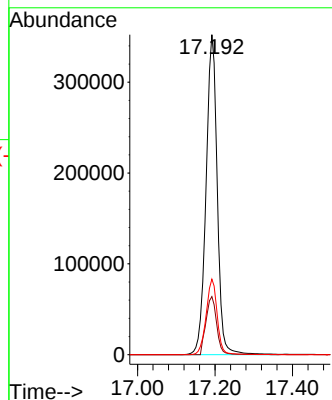
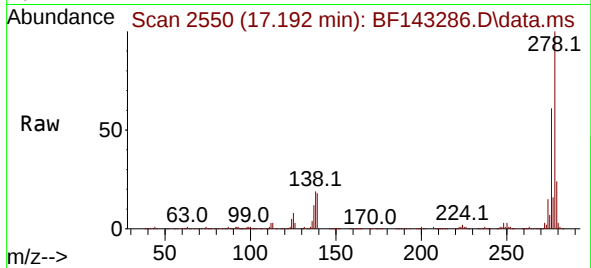




#91
Dibenzo(a,h)anthracene
Concen: 46.624 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MS

Tgt Ion:278 Resp: 707492
Ion Ratio Lower Upper
278 100
139 18.1 14.1 21.1
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 47.547 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143286.D
Acq: 01 Aug 2025 17:01

Tgt Ion:276 Resp: 697937
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 24.1 18.9 28.3

