

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144021.D
 Acq On : 21 Oct 2025 19:28
 Operator : RC/JU
 Sample : Q3402-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41-LBMS

Quant Time: Oct 22 11:11:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	97883	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	362327	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	171519	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	251833	20.00	ng	0.00
76) Chrysene-d12	14.063	240	215570	20.00	ng	0.00
86) Perylene-d12	15.545	264	288346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	585874	95.05	ng	0.00
7) Phenol-d6	6.510	99	686364	93.42	ng	0.00
23) Nitrobenzene-d5	7.445	82	377645	63.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	128593	75.27	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	502594	46.50	ng	-0.01
79) Terphenyl-d14	12.998	244	427888	33.92	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	129896	45.54	ng	95
3) Pyridine	3.446	79	354264	42.66	ng	98
4) n-Nitrosodimethylamine	3.393	42	211667	48.46	ng	96
6) Aniline	6.545	93	389317	35.36	ng	99
8) 2-Chlorophenol	6.669	128	291589	48.39	ng	96
9) Benzaldehyde	6.434	77	156751	27.66	ng	97
10) Phenol	6.522	94	435371	49.57	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	326113	48.06	ng	97
12) 1,3-Dichlorobenzene	6.822	146	349785	48.50	ng	99
13) 1,4-Dichlorobenzene	6.898	146	360908	50.73	ng	99
14) 1,2-Dichlorobenzene	7.051	146	339575	49.83	ng	99
15) Benzyl Alcohol	7.022	79	273254	49.64	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	749548	48.53	ng	100
17) 2-Methylphenol	7.134	107	232802	46.75	ng	99
18) Hexachloroethane	7.392	117	112145	47.27	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	226038	44.95	ng	98
20) 3+4-Methylphenols	7.287	107	274080	47.49	ng	# 68
22) Acetophenone	7.292	105	407740	53.22	ng	99
24) Nitrobenzene	7.463	77	334164	50.46	ng	95
25) Isophorone	7.698	82	596412	47.43	ng	99
26) 2-Nitrophenol	7.781	139	156979	55.29	ng	99
27) 2,4-Dimethylphenol	7.816	122	277081	54.25	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	390627	49.18	ng	98
29) 2,4-Dichlorophenol	8.022	162	251894	47.35	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	265404	50.72	ng	99
31) Naphthalene	8.187	128	789939	47.93	ng	99
32) Benzoic acid	7.928	122	183795	51.99	ng	97
33) 4-Chloroaniline	8.234	127	112990	18.28	ng	97
34) Hexachlorobutadiene	8.304	225	173151	47.62	ng	99
35) Caprolactam	8.598	113	80902	47.82	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	228368	44.69	ng	99
37) 2-Methylnaphthalene	8.875	142	467991	42.63	ng	99
38) 1-Methylnaphthalene	8.975	142	470146	44.15	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	272902	57.57	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205343	104.41	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	175339	50.62	ng	98

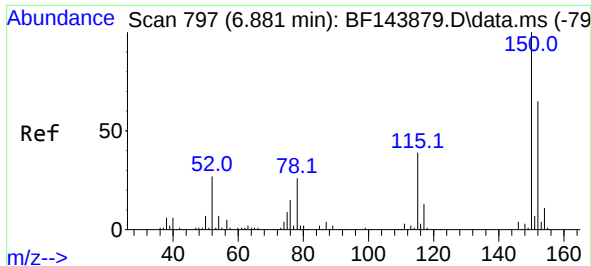
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	181781	49.66	ng	99
46) 1,1'-Biphenyl	9.339	154	649183	57.17	ng	98
47) 2-Chloronaphthalene	9.369	162	490643	51.82	ng	96
48) 2-Nitroaniline	9.463	65	163271	54.54	ng	98
49) Acenaphthylene	9.786	152	760218	57.11	ng	99
50) Dimethylphthalate	9.639	163	567160	52.07	ng	99
51) 2,6-Dinitrotoluene	9.704	165	117859	58.35	ng	95
52) Acenaphthene	9.957	154	443420	50.84	ng	98
53) 3-Nitroaniline	9.875	138	88035	35.60	ng	98
54) 2,4-Dinitrophenol	9.981	184	94795	76.43	ng	94
55) Dibenzofuran	10.128	168	595679	48.38	ng	99
56) 4-Nitrophenol	10.033	139	159580	85.22	ng	98
57) 2,4-Dinitrotoluene	10.110	165	153965	56.03	ng	96
58) Fluorene	10.475	166	453015	48.76	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	119888	46.27	ng	99
60) Diethylphthalate	10.339	149	504158	49.82	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	233202	47.48	ng	99
62) 4-Nitroaniline	10.486	138	109876	46.20	ng	91
63) Azobenzene	10.622	77	549618	51.97	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	72380	57.19	ng	98
66) n-Nitrosodiphenylamine	10.580	169	438535	55.46	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	137013	49.23	ng	96
68) Hexachlorobenzene	11.022	284	154149	47.84	ng	99
69) Atrazine	11.110	200	128608	53.66	ng	98
70) Pentachlorophenol	11.216	266	154905	83.71	ng	98
71) Phenanthrene	11.439	178	626490	51.31	ng	100
72) Anthracene	11.492	178	630911	51.15	ng	99
73) Carbazole	11.645	167	553053	50.63	ng	98
74) Di-n-butylphthalate	11.975	149	682358	53.90	ng	99
75) Fluoranthene	12.627	202	667503	52.93	ng	98
77) Benzidine	12.751	184	313101	41.83	ng	97
78) Pyrene	12.863	202	692293	38.52	ng	99
80) Butylbenzylphthalate	13.474	149	286154	49.03	ng	100
81) Benzo(a)anthracene	14.051	228	739023	52.39	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	200747	46.70	ng	98
83) Chrysene	14.092	228	700802	53.68	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	410102	58.29	ng	99
85) Di-n-octyl phthalate	14.651	149	785742	67.99	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	861279	48.75	ng	98
88) Benzo(b)fluoranthene	15.110	252	829420	50.08	ng	100
89) Benzo(k)fluoranthene	15.139	252	726742	47.42	ng	99
90) Benzo(a)pyrene	15.486	252	758262	52.80	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	686996	48.35	ng	98
92) Benzo(g,h,i)perylene	17.509	276	661800	46.57	ng	98

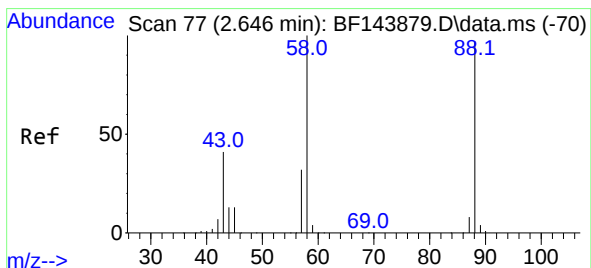
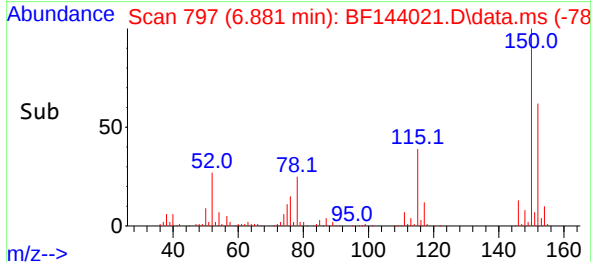
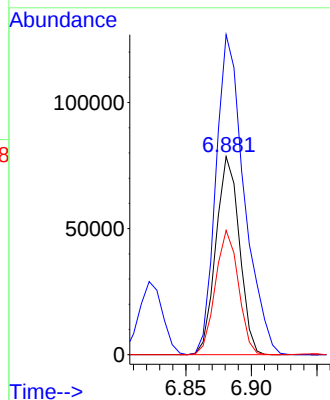
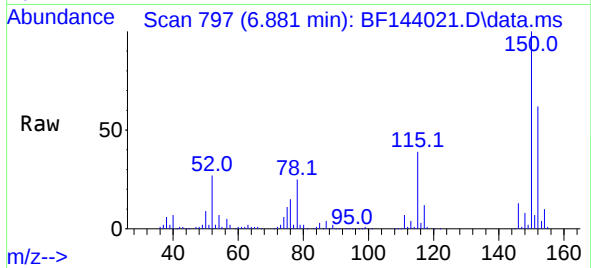
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

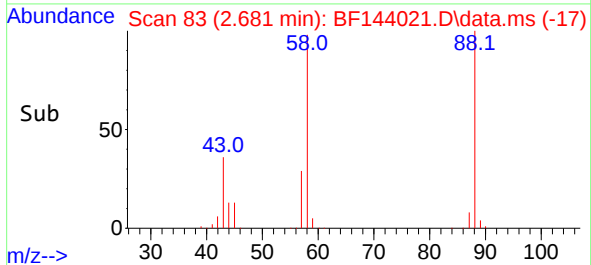
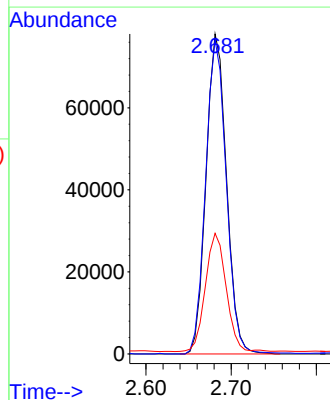
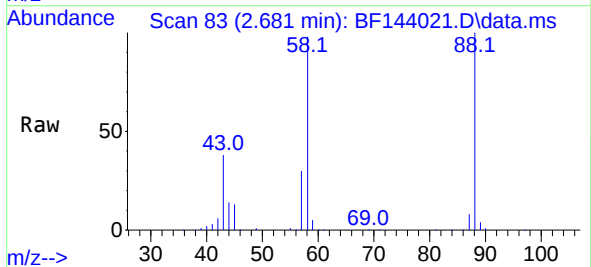
Instrument :
BNA_F
ClientSampleId :
41-LBMS

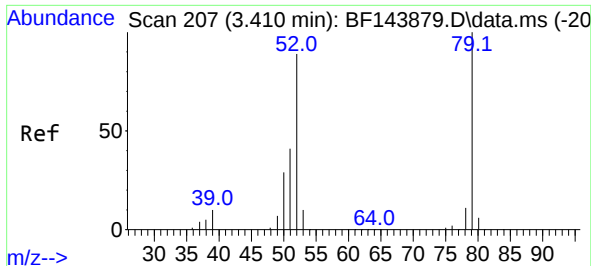
Tgt Ion:152 Resp: 97883
Ion Ratio Lower Upper
152 100
150 161.5 124.4 186.6
115 62.7 48.1 72.1



#2
1,4-Dioxane
Concen: 45.54 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.035 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 88 Resp: 129896
Ion Ratio Lower Upper
88 100
58 99.6 83.0 124.6
43 37.7 33.9 50.9

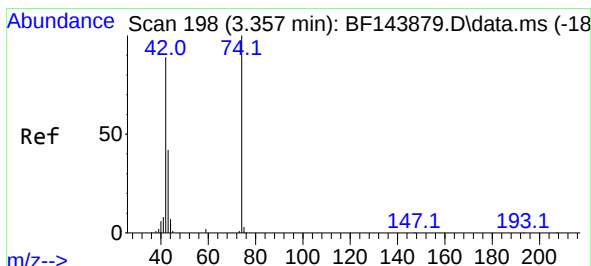
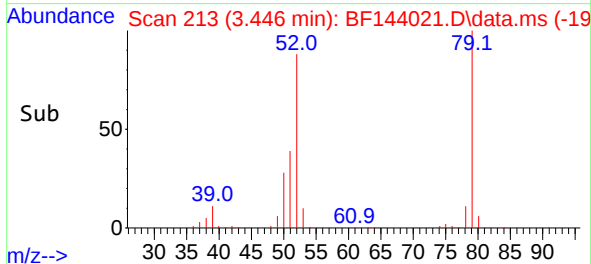
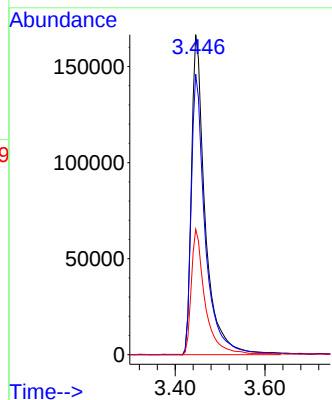
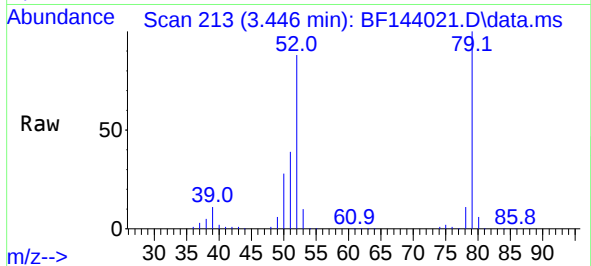




#3
Pyridine
Concen: 42.66 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

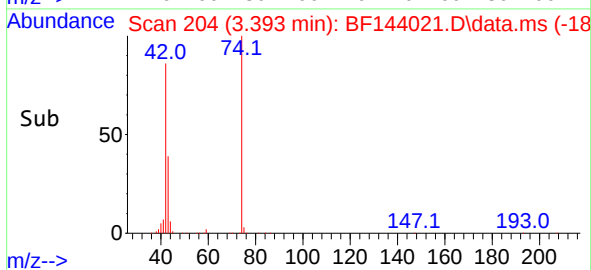
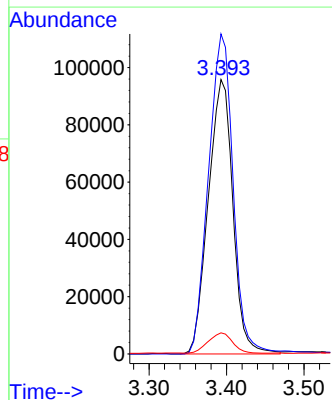
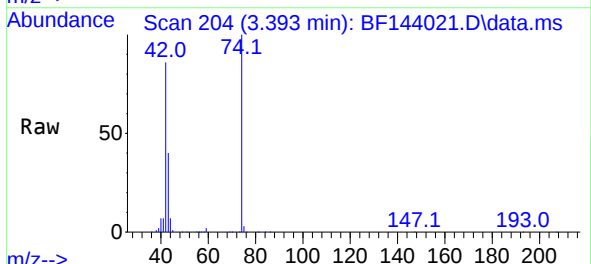
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BNA_F
ClientSampleId :
41-LBMS

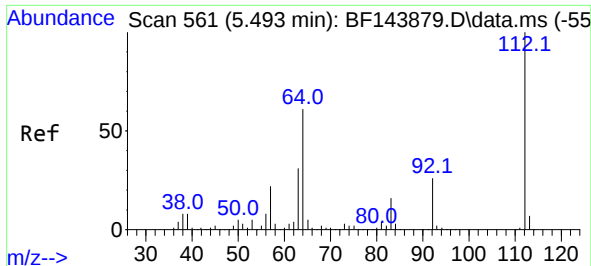
Tgt Ion: 79 Resp: 354264
Ion Ratio Lower Upper
79 100
52 87.6 71.5 107.3
51 39.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 48.46 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 42 Resp: 211667
Ion Ratio Lower Upper
42 100
74 116.6 90.0 135.0
44 7.7 6.2 9.2

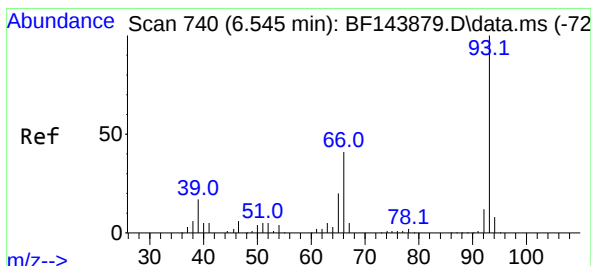
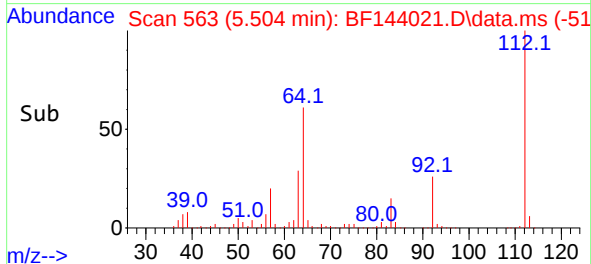
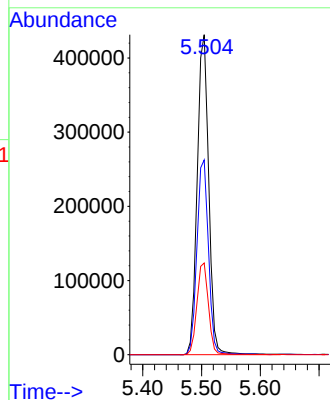
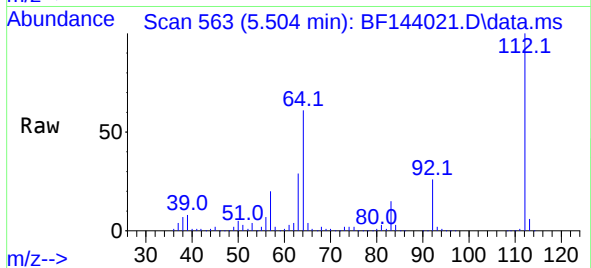




#5
2-Fluorophenol
Concen: 95.05 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

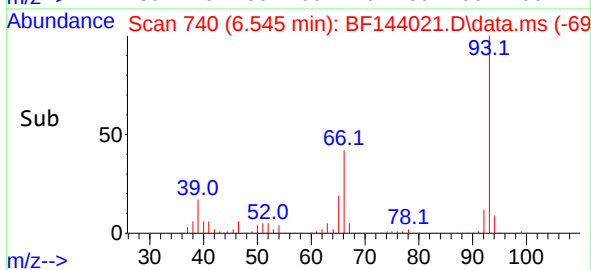
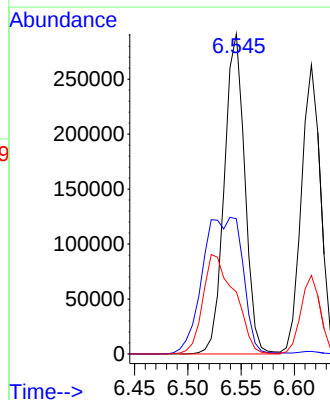
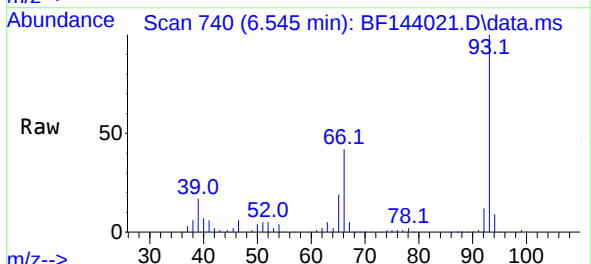
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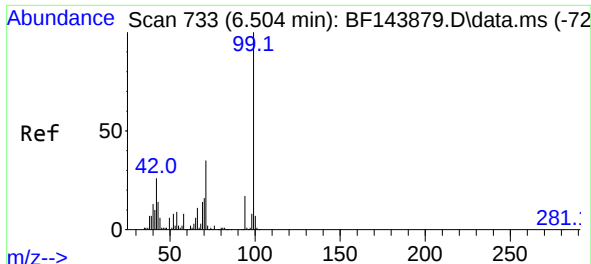
Tgt Ion:112 Resp: 585874
Ion Ratio Lower Upper
112 100
64 60.9 49.1 73.7
63 28.7 24.5 36.7



#6
Aniline
Concen: 35.36 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 93 Resp: 389317
Ion Ratio Lower Upper
93 100
66 42.3 33.0 49.6
65 19.4 15.8 23.8

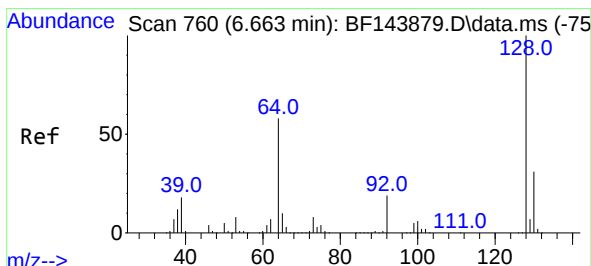
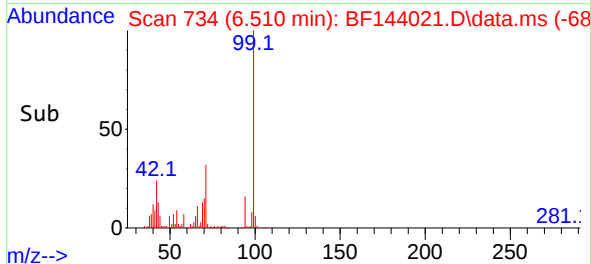
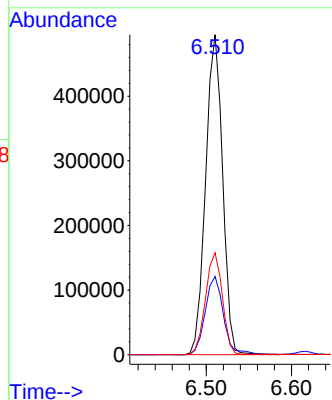
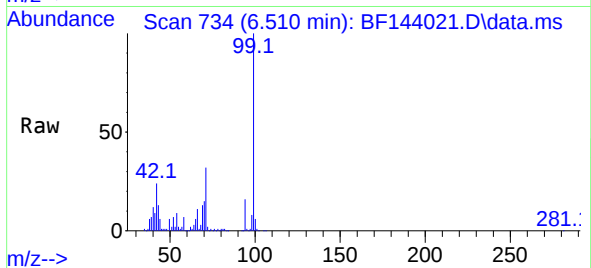




#7
Phenol-d6
Concen: 93.42 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

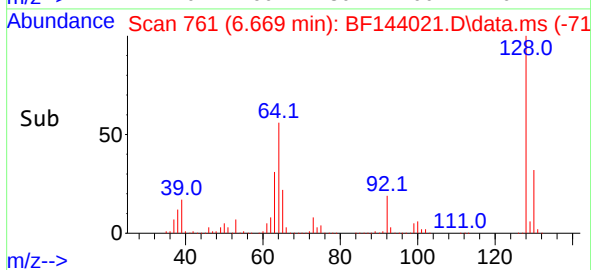
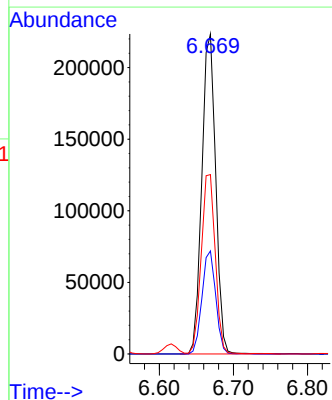
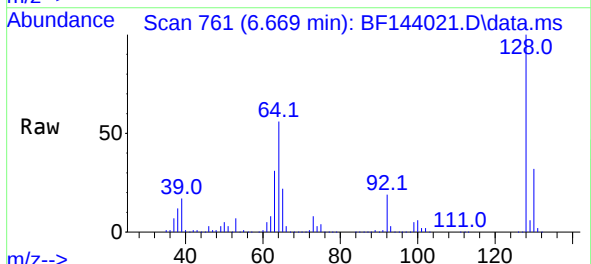
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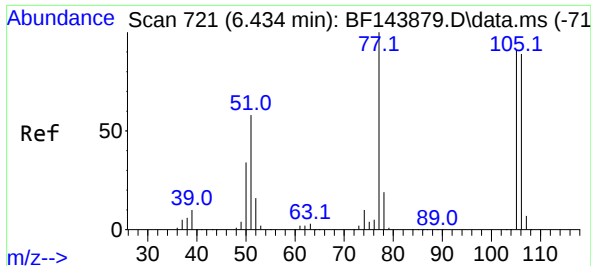
Tgt Ion: 99 Resp: 686364
Ion Ratio Lower Upper
99 100
42 24.5 21.0 31.4
71 31.9 27.8 41.8



#8
2-Chlorophenol
Concen: 48.39 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:128 Resp: 291589
Ion Ratio Lower Upper
128 100
130 32.2 10.7 50.7
64 56.0 39.0 79.0



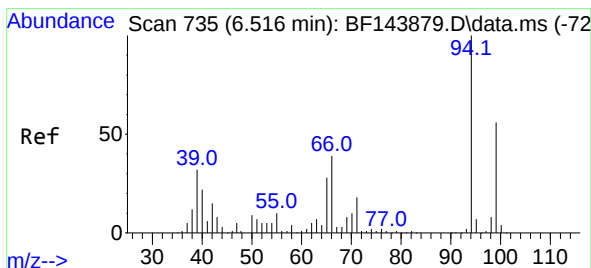
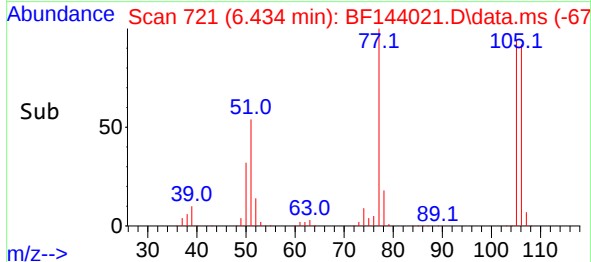
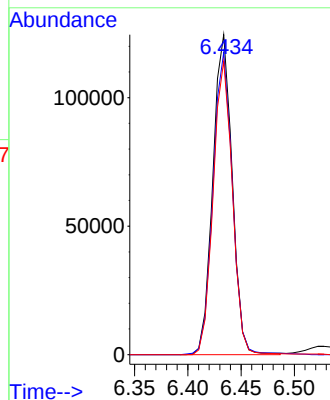
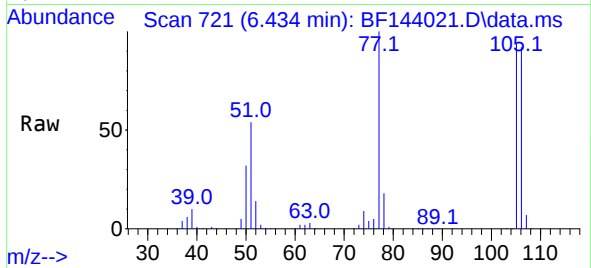


#9
Benzaldehyde
Concen: 27.66 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion: 77 Resp: 156751

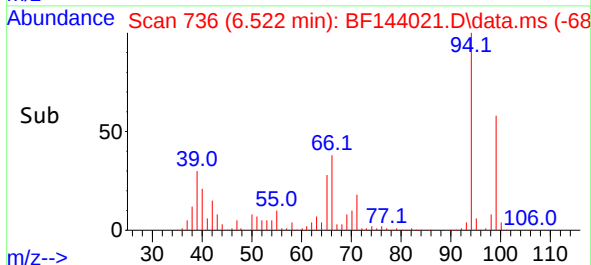
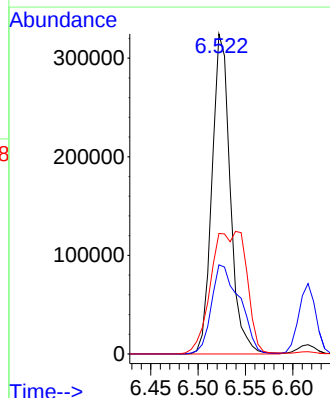
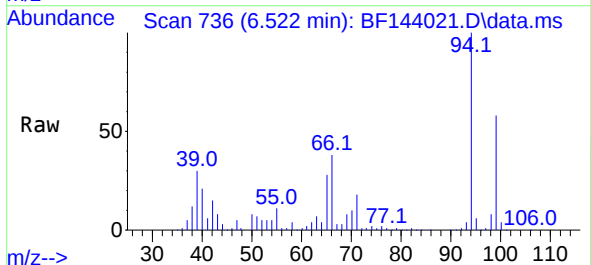
Ion	Ratio	Lower	Upper
77	100		
105	94.5	70.9	110.9
106	91.7	68.9	108.9

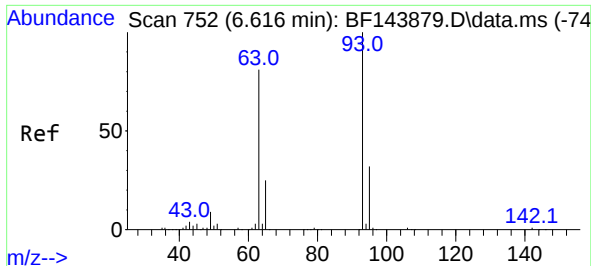


#10
Phenol
Concen: 49.57 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 94 Resp: 435371

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.5	48.5
66	37.6	19.9	59.9

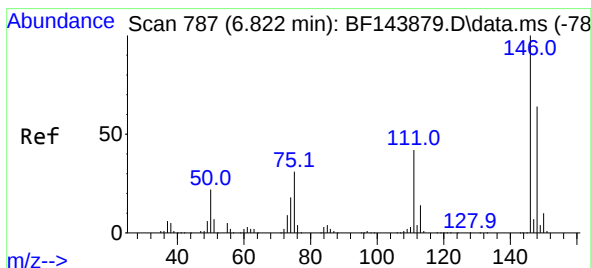
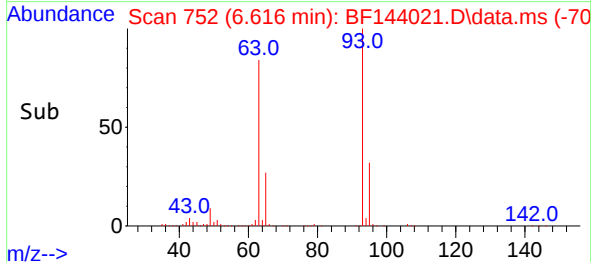
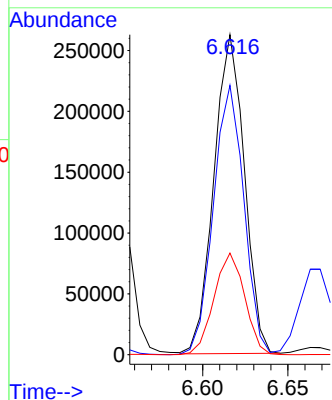
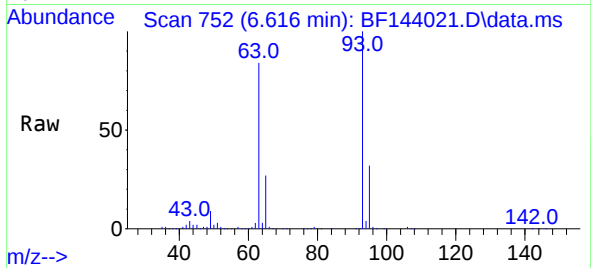




#11
bis(2-Chloroethyl)ether
Concen: 48.06 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

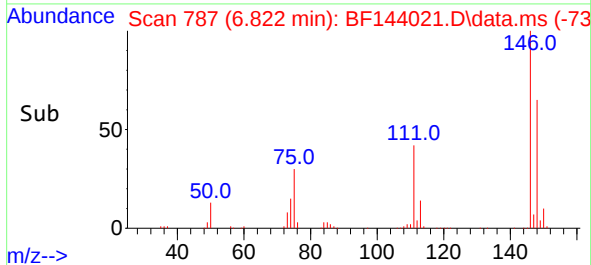
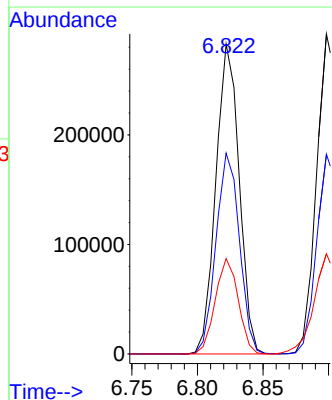
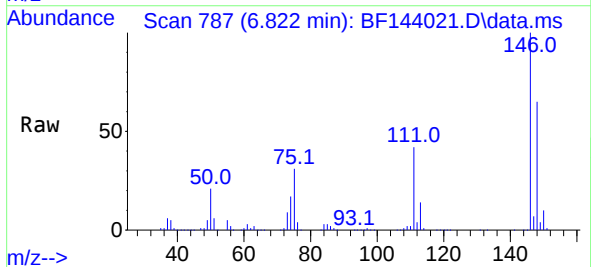
Instrument :
BNA_F
ClientSampleId :
41-LBMS

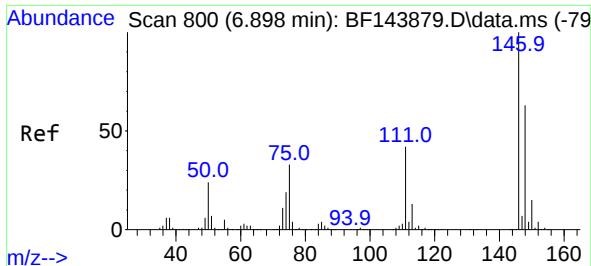
Tgt Ion: 93 Resp: 326113
Ion Ratio Lower Upper
93 100
63 84.2 60.9 100.9
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 48.50 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:146 Resp: 349785
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 30.8 24.9 37.3

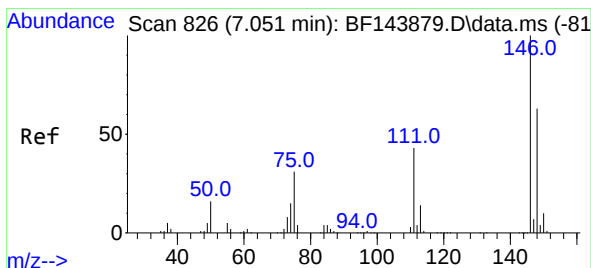
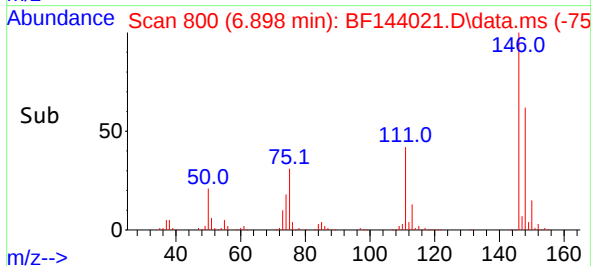
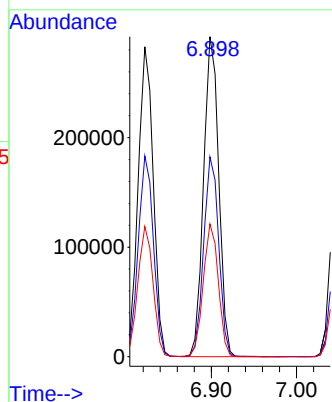
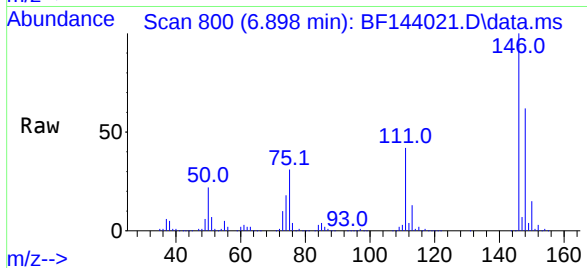




#13
1,4-Dichlorobenzene
Concen: 50.73 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

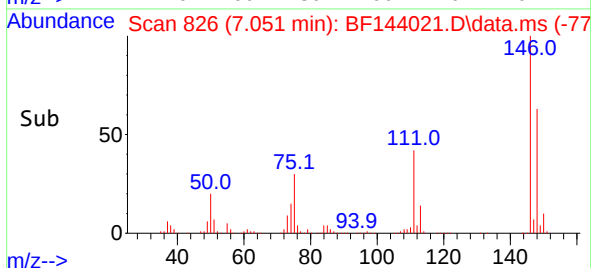
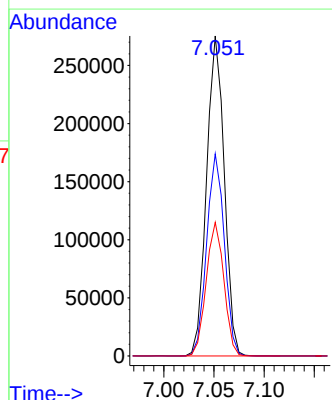
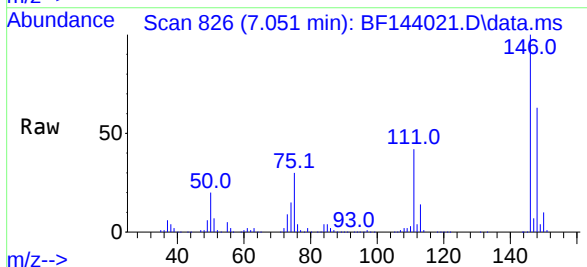
Instrument :
BNA_F
ClientSampleId :
41-LBMS

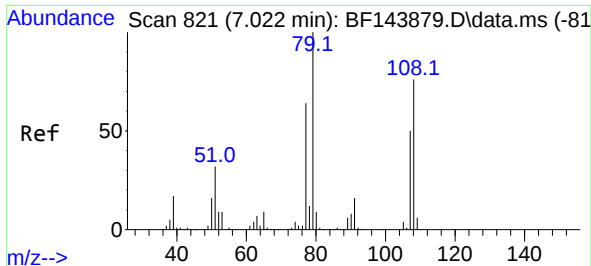
Tgt Ion:146 Resp: 360908
Ion Ratio Lower Upper
146 100
148 62.4 50.5 75.7
111 41.5 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 49.83 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:146 Resp: 339575
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 41.7 34.6 51.8

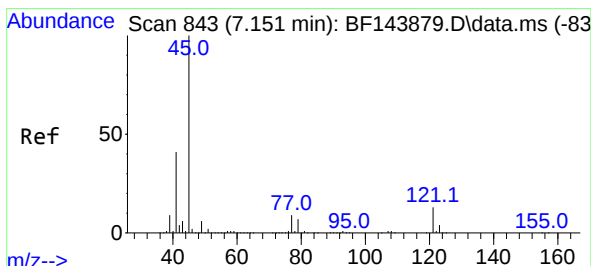
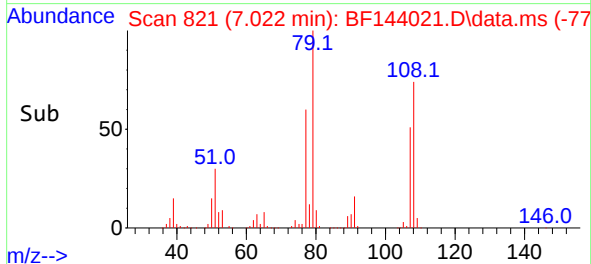
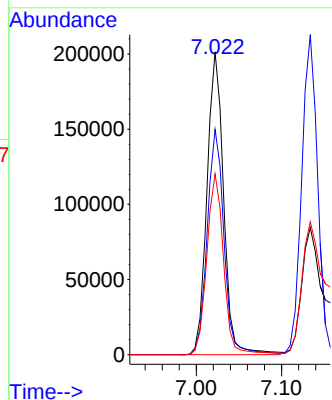
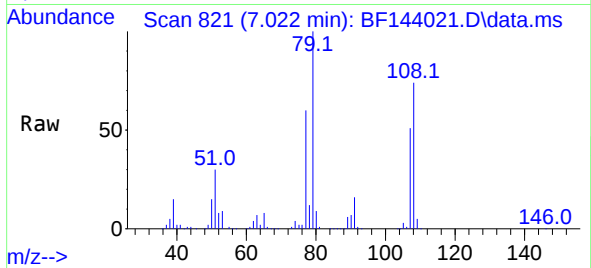




#15
Benzyl Alcohol
Concen: 49.64 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

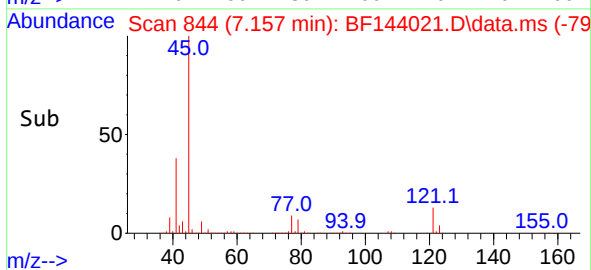
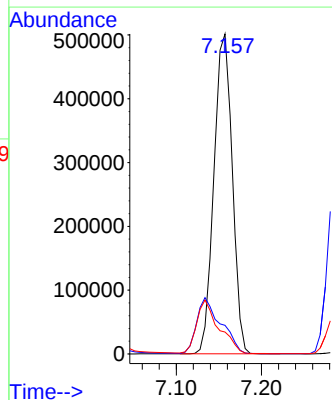
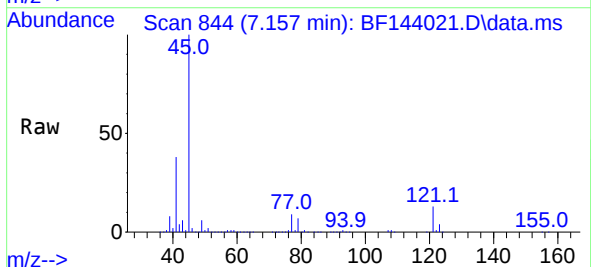
Instrument :
BNA_F
ClientSampleId :
41-LBMS

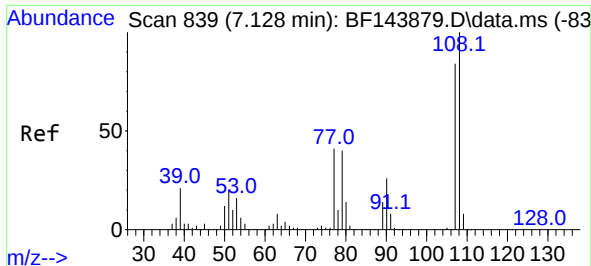
Tgt Ion: 79 Resp: 273254
Ion Ratio Lower Upper
79 100
108 74.4 60.8 91.2
77 59.7 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.53 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 45 Resp: 749548
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.9 0.0 26.8



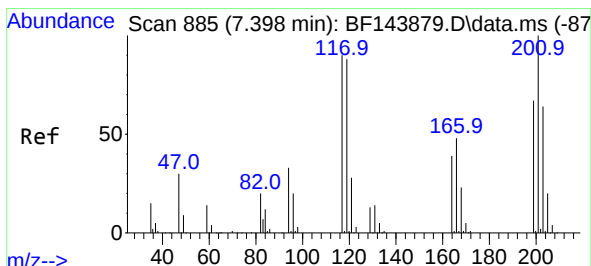
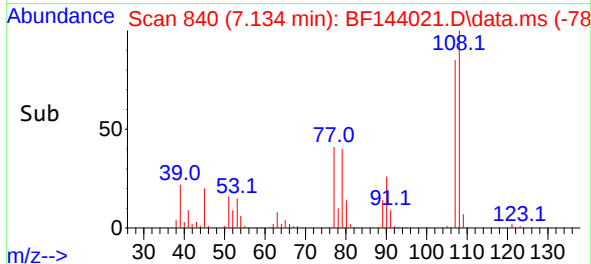
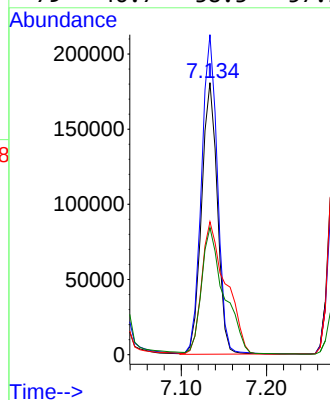
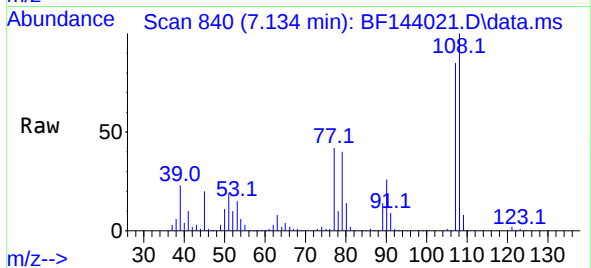


#17
2-Methylphenol
Concen: 46.75 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion:107 Resp: 232802

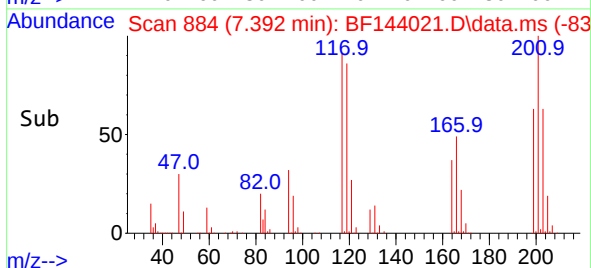
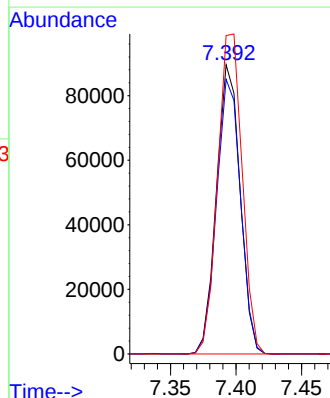
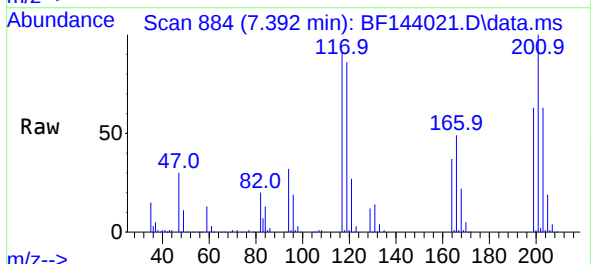
Ion	Ratio	Lower	Upper
107	100		
108	117.7	94.7	142.1
77	48.9	38.8	58.2
79	46.7	38.3	57.5

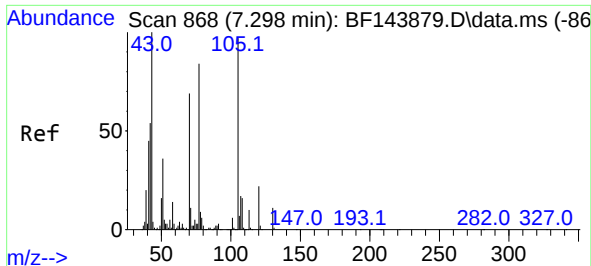


#18
Hexachloroethane
Concen: 47.27 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:117 Resp: 112145

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.8	116.8
201	110.0	88.5	132.7

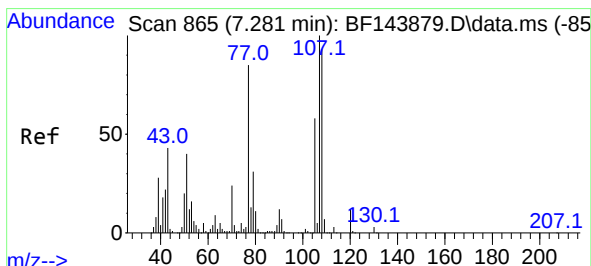
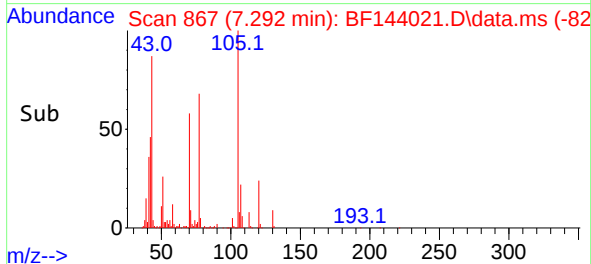
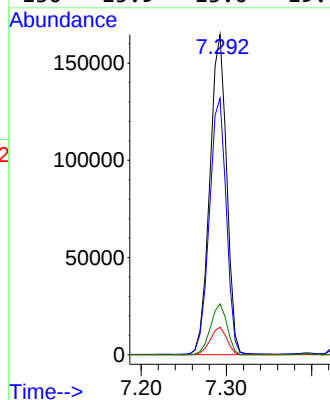
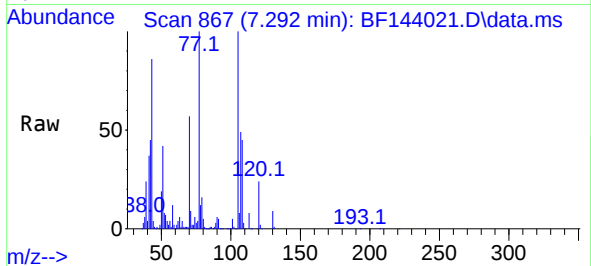




#19
n-Nitroso-di-n-propylamine
Concen: 44.95 ng
RT: 7.292 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

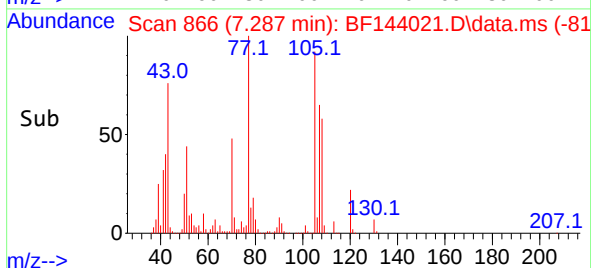
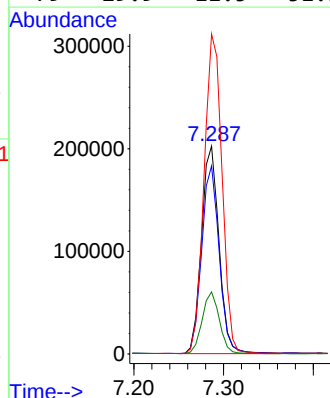
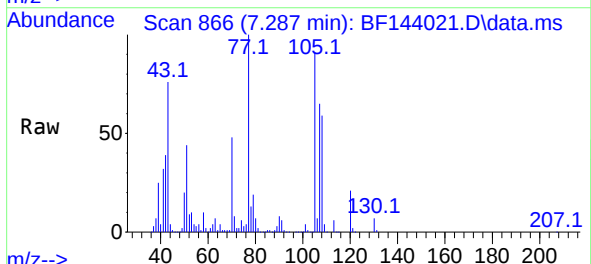
Instrument :
BNA_F
ClientSampleId :
41-LBMS

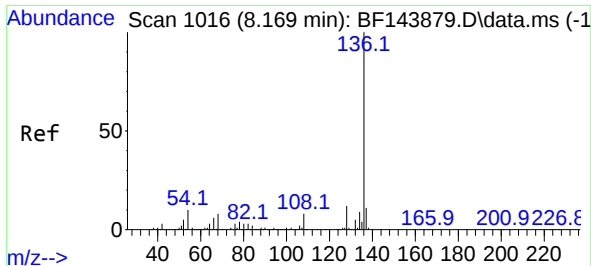
Tgt Ion: 70 Resp: 226038
Ion Ratio Lower Upper
70 100
42 80.1 62.8 94.2
101 8.6 6.7 10.1
130 15.9 13.0 19.4



#20
3+4-Methylphenols
Concen: 47.49 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 107 Resp: 274080
Ion Ratio Lower Upper
107 100
108 90.5 73.0 113.0
77 153.9 64.6 104.6#
79 29.9 11.5 51.5



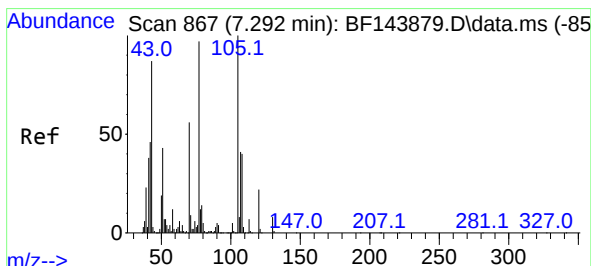
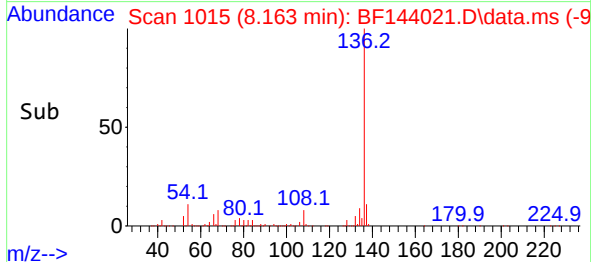
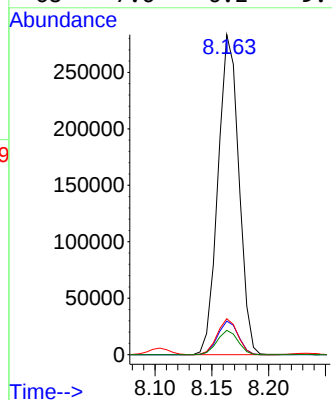
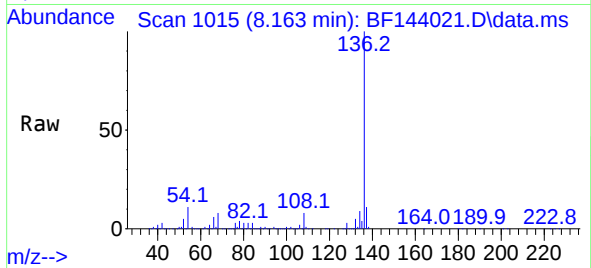


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion:136 Resp: 362327

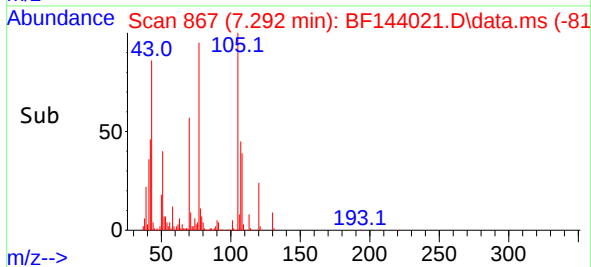
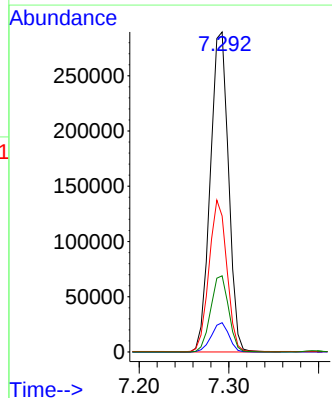
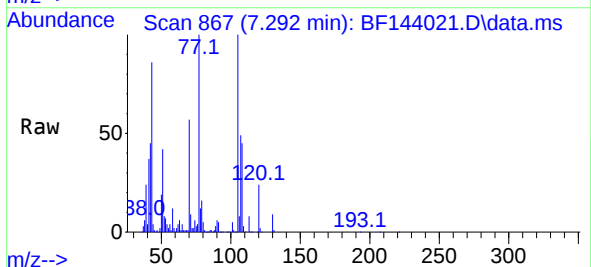
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	11.2	8.2	12.4
68	7.6	6.2	9.4

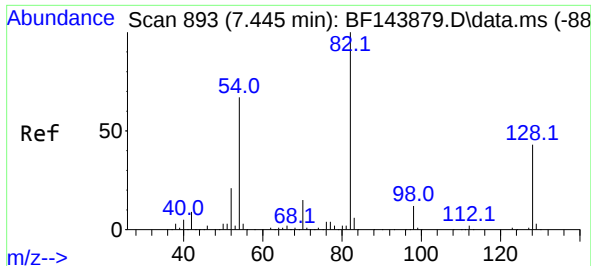


#22
Acetophenone
Concen: 53.22 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:105 Resp: 407740

Ion	Ratio	Lower	Upper
105	100		
71	9.1	7.4	11.0
51	42.5	34.2	51.4
120	23.8	17.7	26.5





#23

Nitrobenzene-d5

Concen: 63.32 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Instrument :

BNA_F

ClientSampleId :

41-LBMS

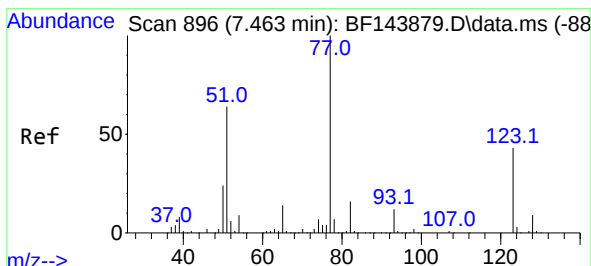
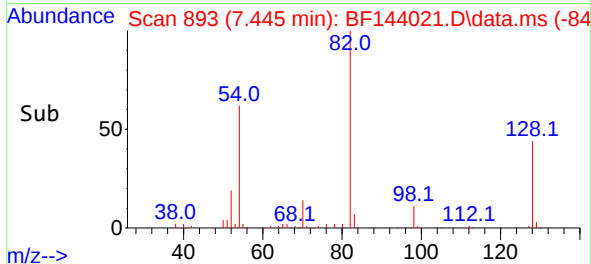
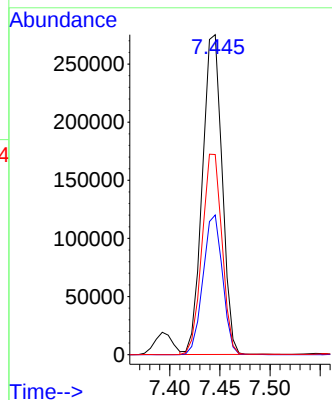
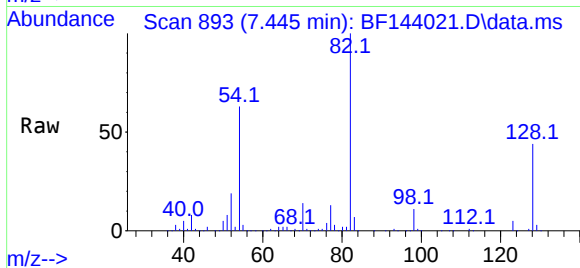
Tgt Ion: 82 Resp: 377645

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 62.5 53.2 79.8



#24

Nitrobenzene

Concen: 50.46 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

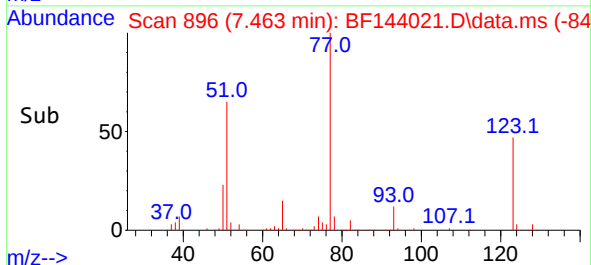
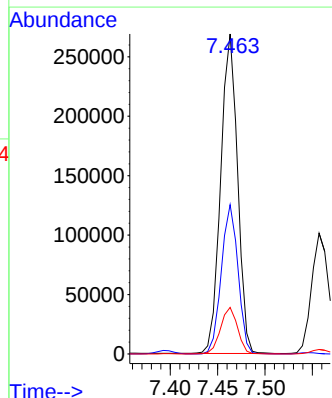
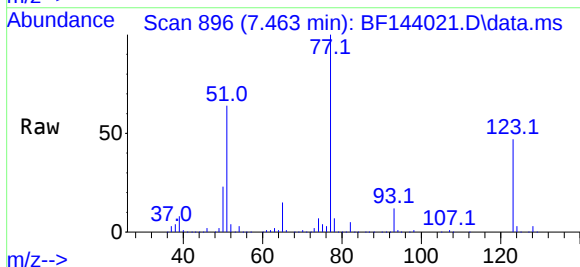
Tgt Ion: 77 Resp: 334164

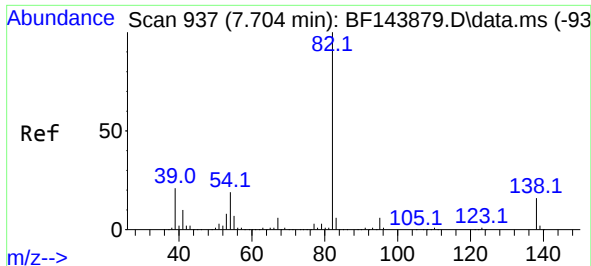
Ion Ratio Lower Upper

77 100

123 46.6 34.2 51.4

65 14.6 11.0 16.6

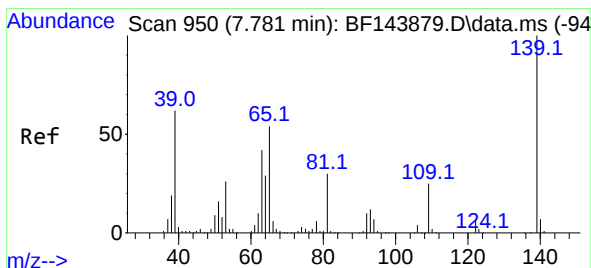
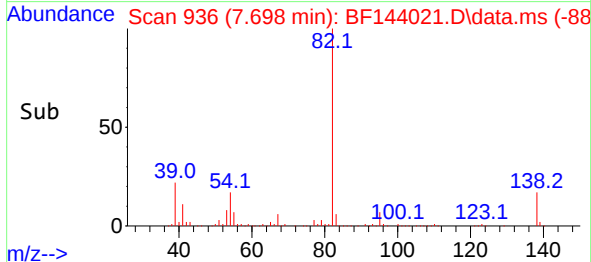
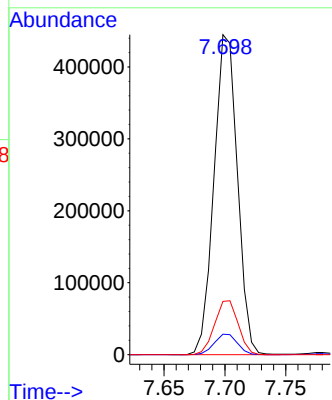
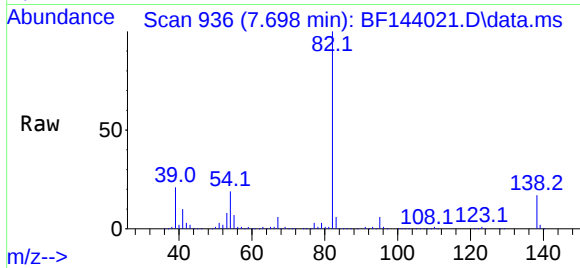




#25
Isophorone
Concen: 47.43 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

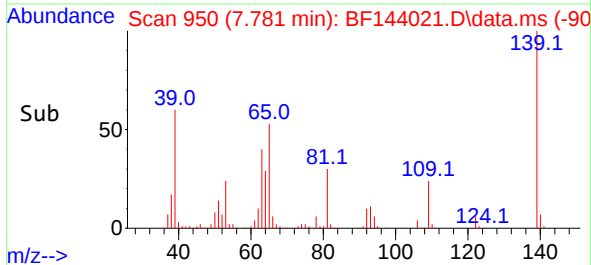
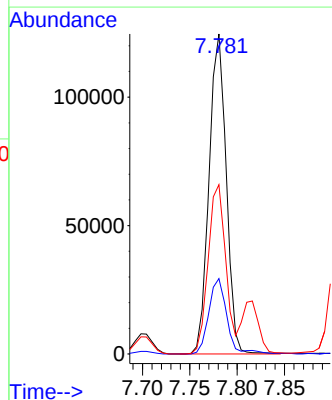
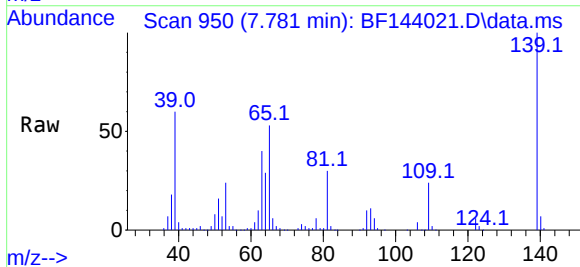
Instrument :
BNA_F
ClientSampleId :
41-LBMS

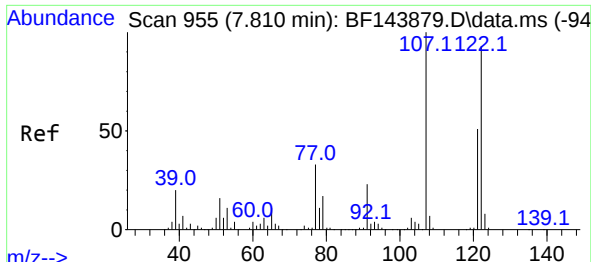
Tgt Ion: 82 Resp: 596412
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.7 12.9 19.3



#26
2-Nitrophenol
Concen: 55.29 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:139 Resp: 156979
Ion Ratio Lower Upper
139 100
109 23.6 19.8 29.6
65 52.9 42.9 64.3

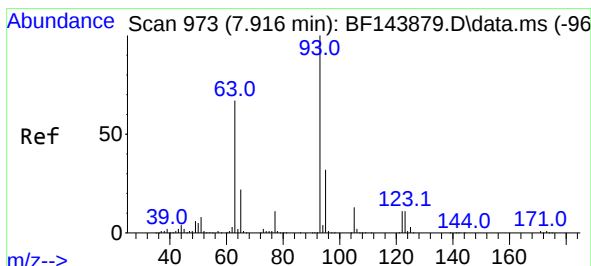
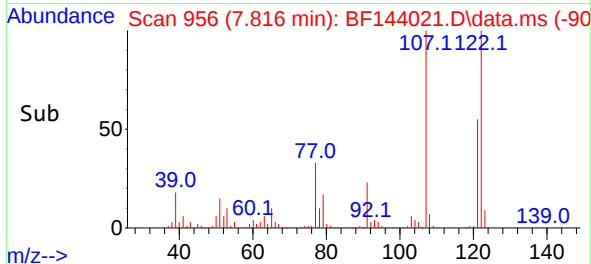
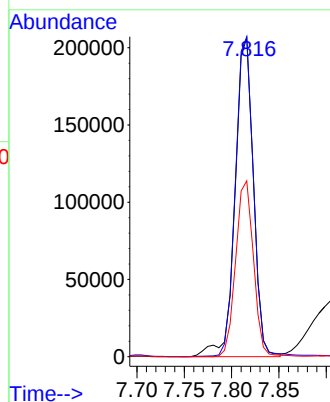
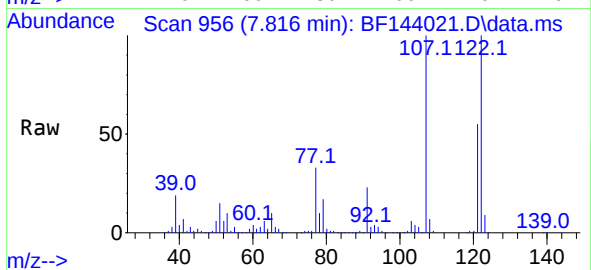




#27
2,4-Dimethylphenol
Concen: 54.25 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

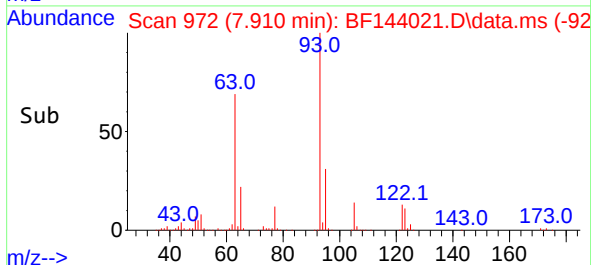
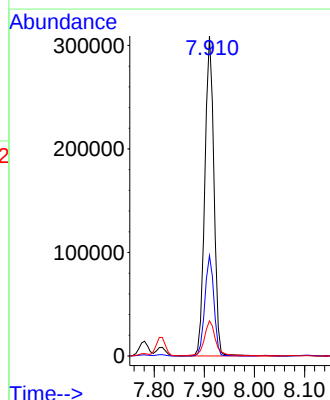
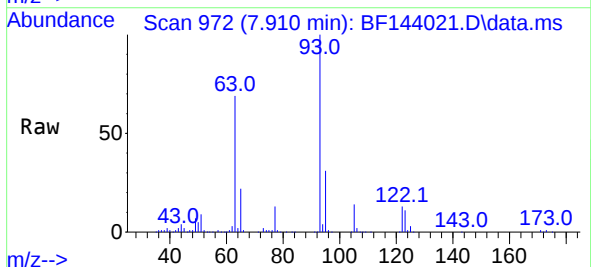
Instrument :
BNA_F
ClientSampleId :
41-LBMS

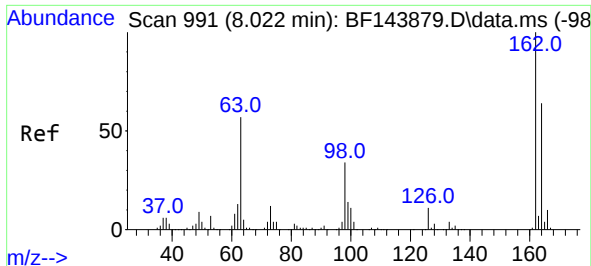
Tgt Ion:122 Resp: 277081
Ion Ratio Lower Upper
122 100
107 100.5 86.1 129.1
121 55.2 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.18 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 93 Resp: 390627
Ion Ratio Lower Upper
93 100
95 31.3 25.9 38.9
123 11.0 9.4 14.0

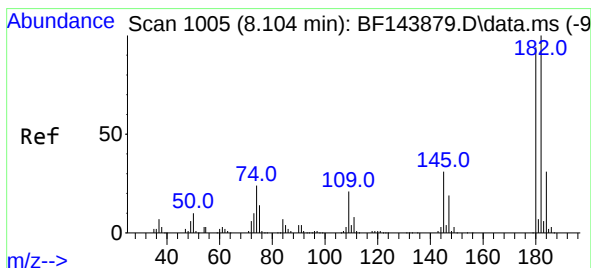
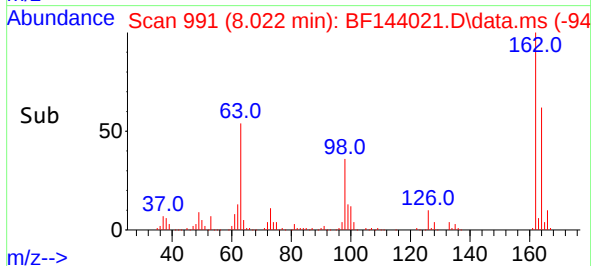
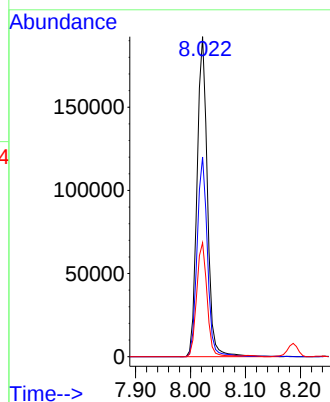
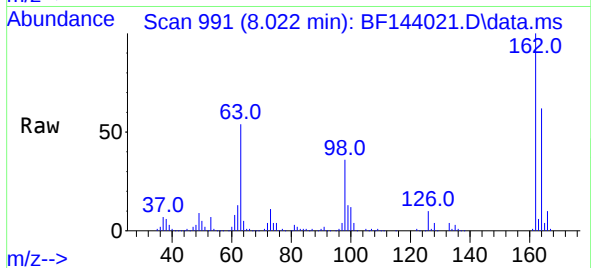




#29
2,4-Dichlorophenol
Concen: 47.35 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

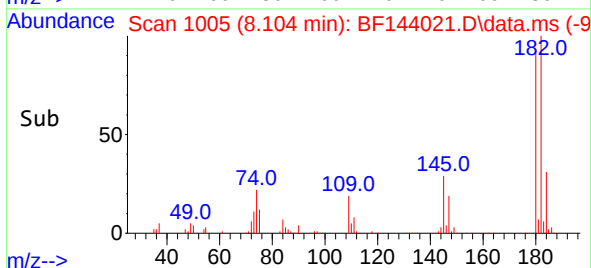
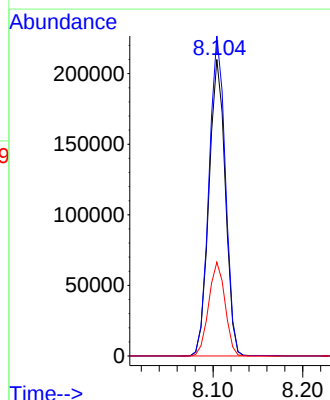
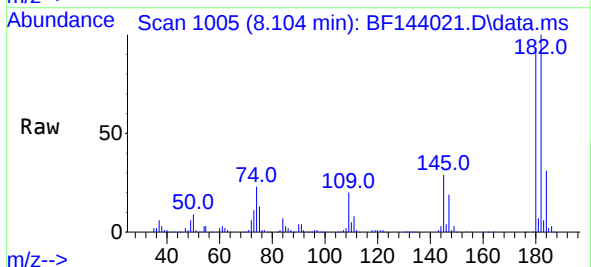
Instrument :
BNA_F
ClientSampleId :
41-LBMS

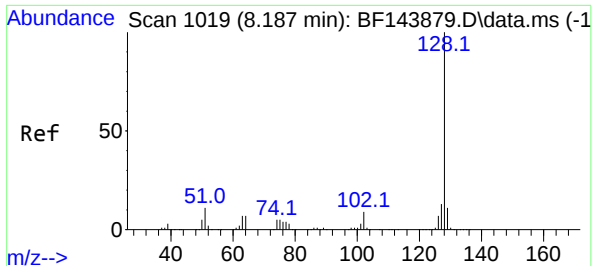
Tgt Ion:162 Resp: 251894
Ion Ratio Lower Upper
162 100
164 62.4 43.9 83.9
98 35.6 14.4 54.4



#30
1,2,4-Trichlorobenzene
Concen: 50.72 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:180 Resp: 265404
Ion Ratio Lower Upper
180 100
182 107.9 85.4 128.0
145 31.6 26.3 39.5

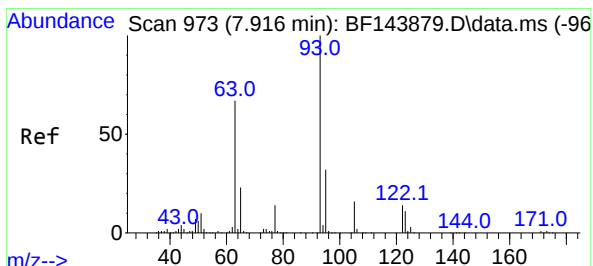
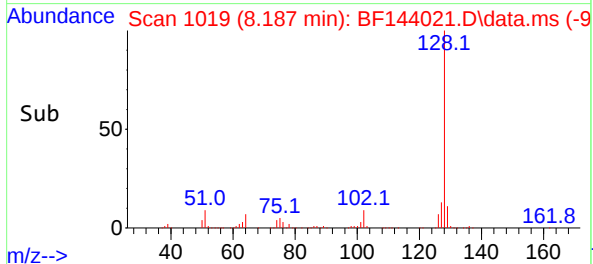
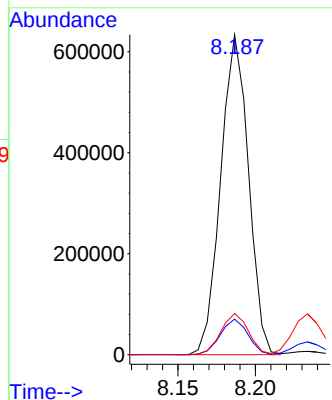
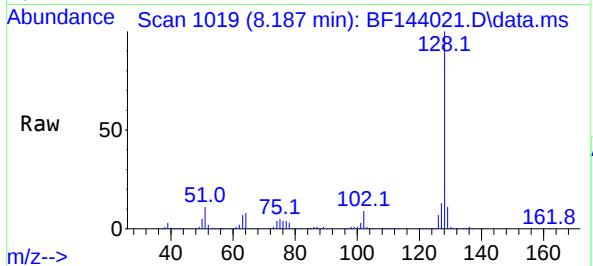




#31
Naphthalene
Concen: 47.93 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

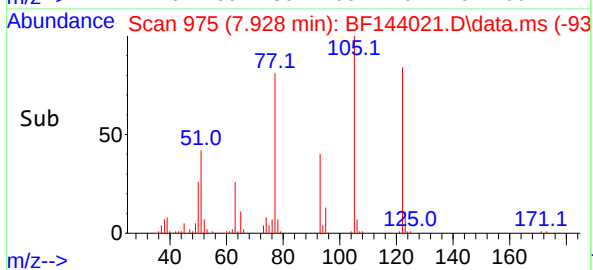
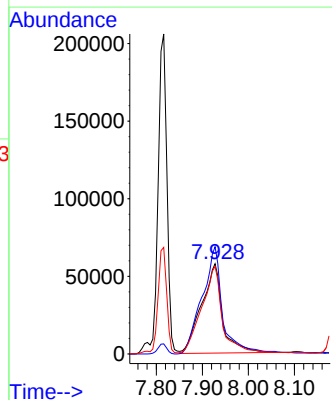
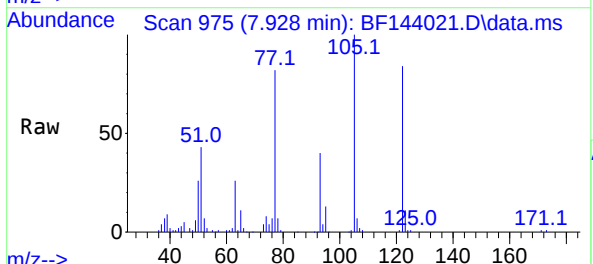
Instrument :
BNA_F
ClientSampleId :
41-LBMS

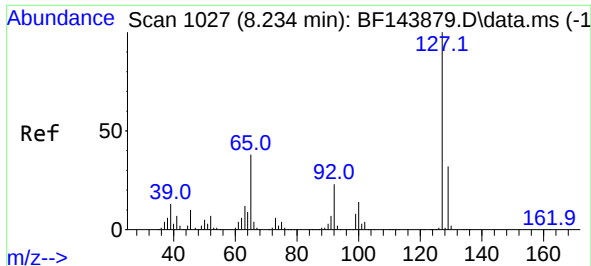
Tgt Ion:128 Resp: 789939
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.0 15.0



#32
Benzoic acid
Concen: 51.99 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:122 Resp: 183795
Ion Ratio Lower Upper
122 100
105 118.7 93.5 133.5
77 96.9 76.3 116.3



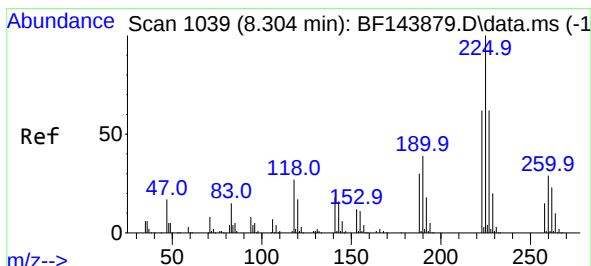
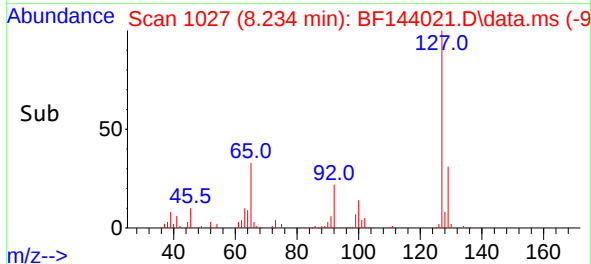
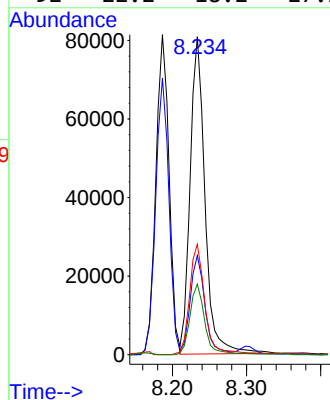
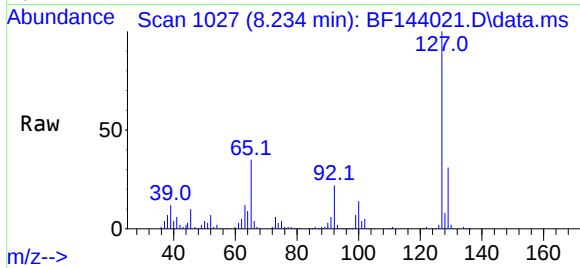


#33
4-Chloroaniline
Concen: 18.28 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion:127 Resp: 112990

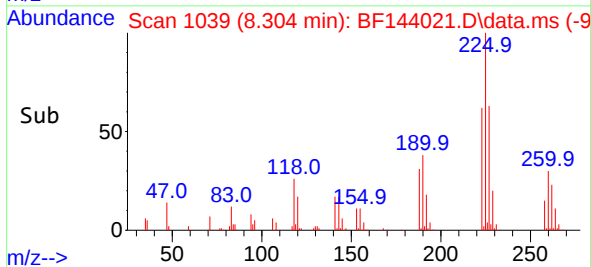
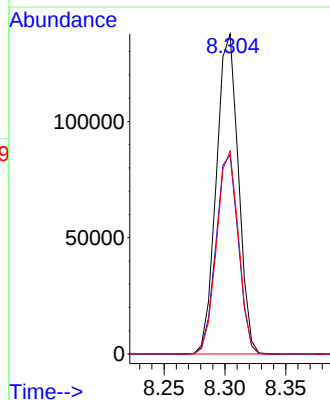
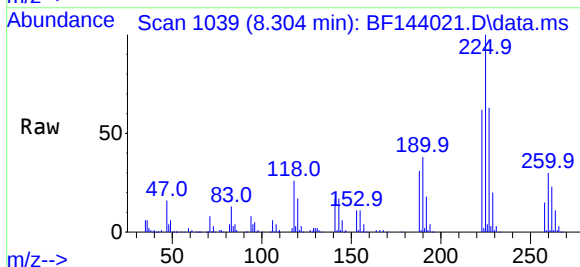
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.8
65	34.7	30.0	45.0
92	22.2	18.2	27.2

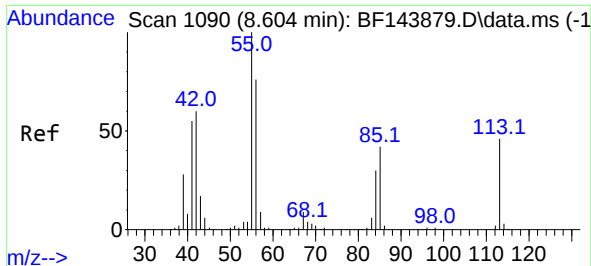


#34
Hexachlorobutadiene
Concen: 47.62 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:225 Resp: 173151

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	63.4	49.7	74.5

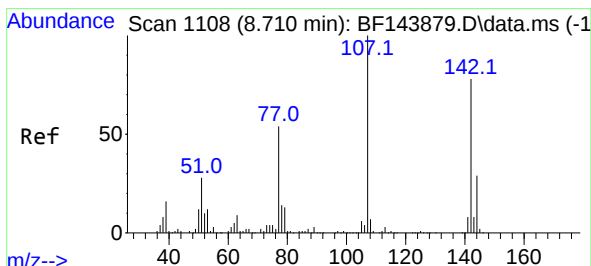
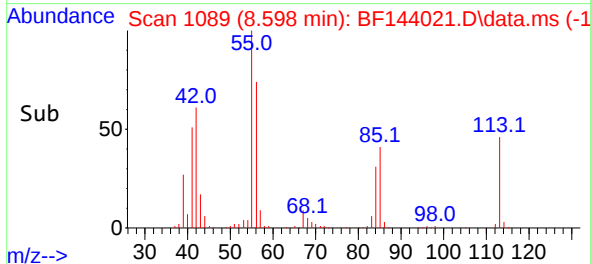
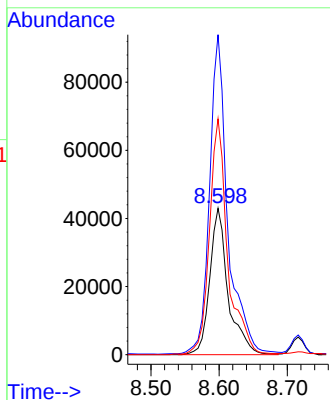
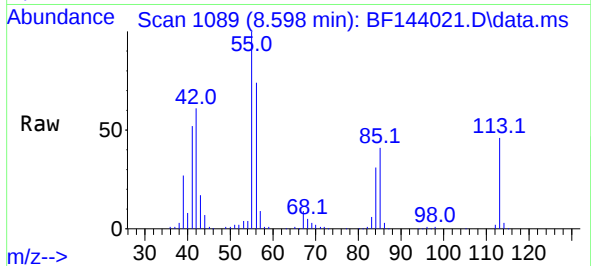




#35
 Caprolactam
 Concen: 47.82 ng
 RT: 8.598 min Scan# 1109
 Delta R.T. -0.047 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

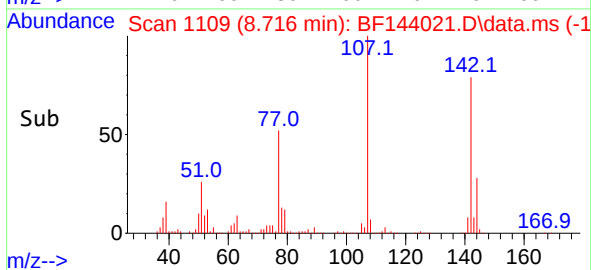
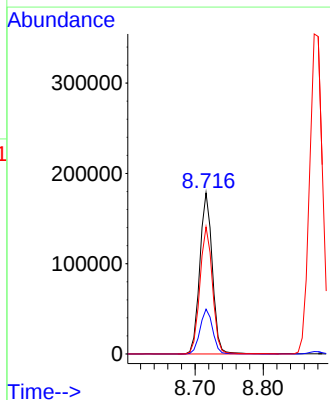
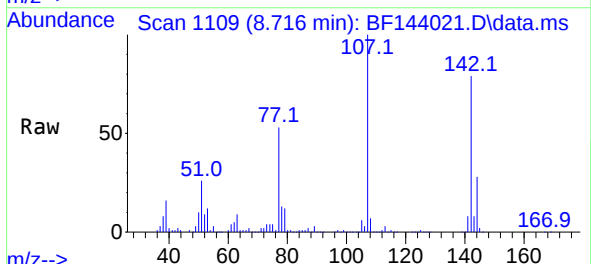
Instrument :
 BNA_F
 ClientSampleId :
 41-LBMS

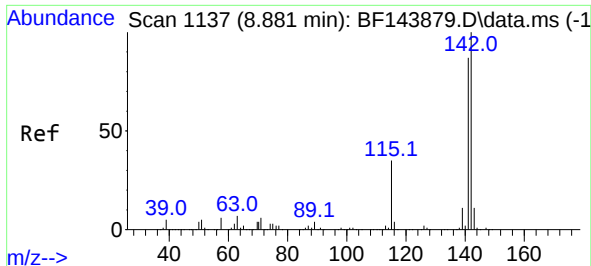
Tgt Ion:113 Resp: 80902
 Ion Ratio Lower Upper
 113 100
 55 218.6 199.6 239.6
 56 161.1 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.69 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

Tgt Ion:107 Resp: 228368
 Ion Ratio Lower Upper
 107 100
 144 27.8 23.1 34.7
 142 78.9 62.6 94.0





#37

2-Methylnaphthalene

Concen: 42.63 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Instrument :

BNA_F

ClientSampleId :

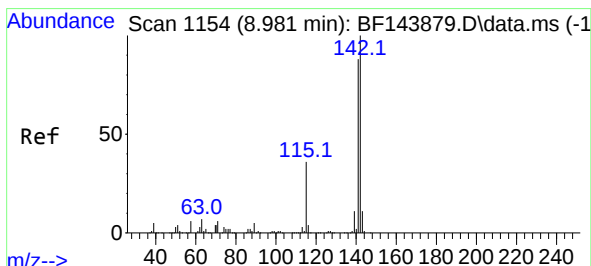
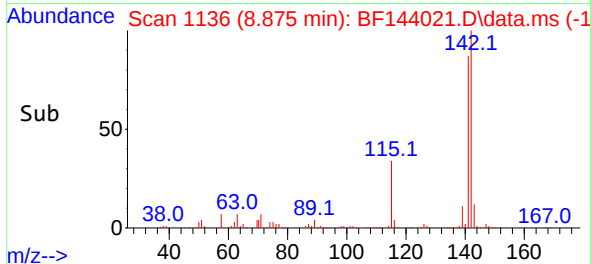
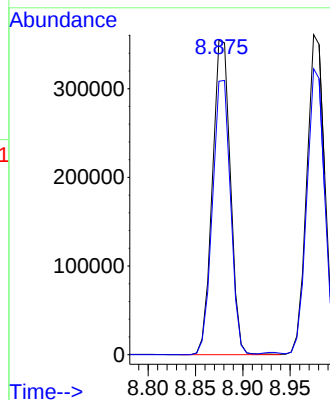
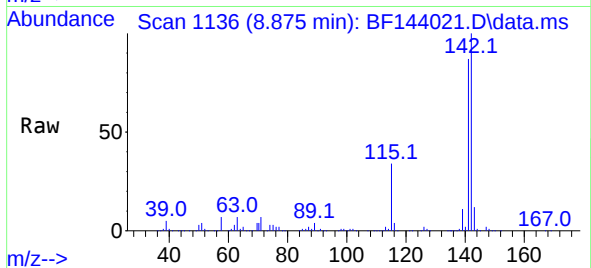
41-LBMS

Tgt Ion:142 Resp: 467991

Ion Ratio Lower Upper

142 100

141 87.0 69.2 103.8



#38

1-Methylnaphthalene

Concen: 44.15 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144021.D

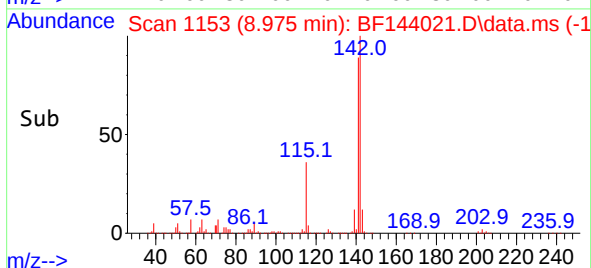
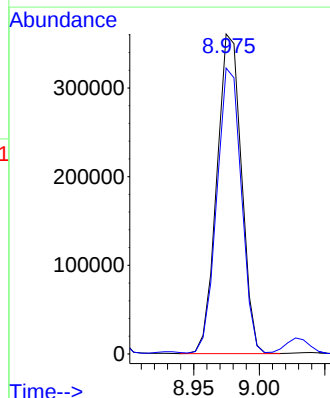
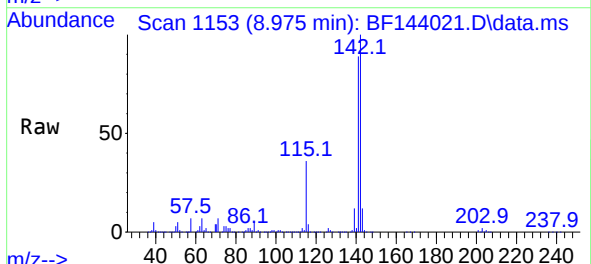
Acq: 21 Oct 2025 19:28

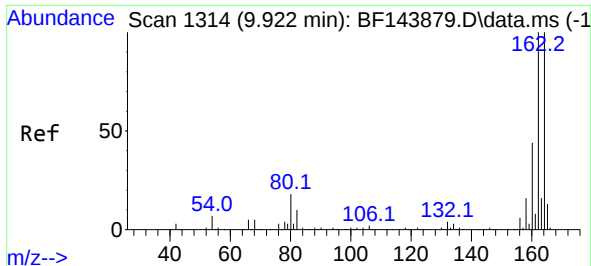
Tgt Ion:142 Resp: 470146

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Instrument :

BNA_F

ClientSampleId :

41-LBMS

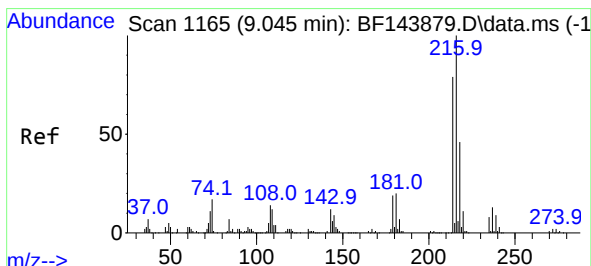
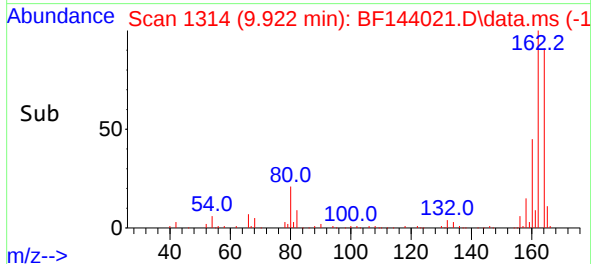
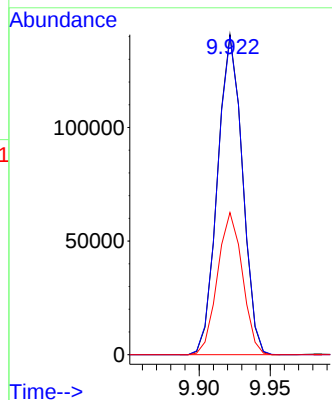
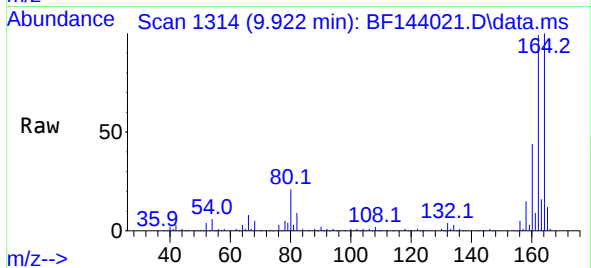
Tgt Ion:164 Resp: 171519

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.57 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Tgt Ion:216 Resp: 272902

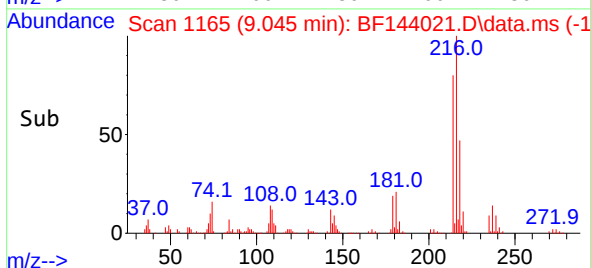
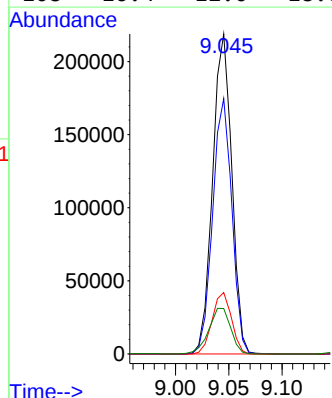
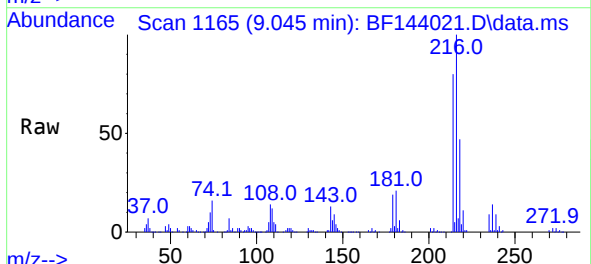
Ion Ratio Lower Upper

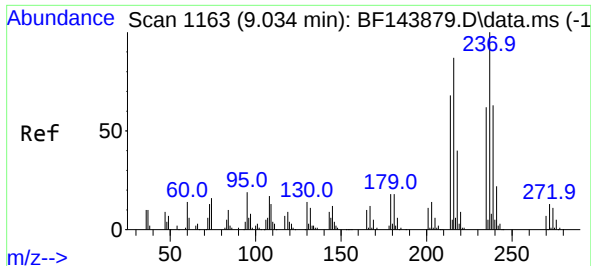
216 100

214 80.0 62.6 94.0

179 19.4 15.4 23.0

108 16.4 12.0 18.0

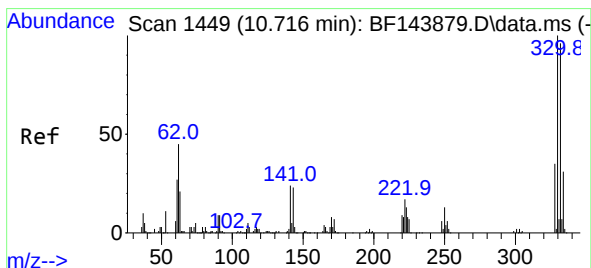
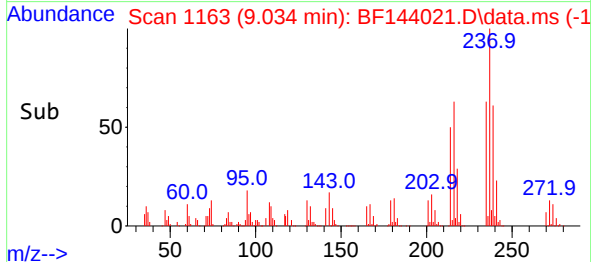
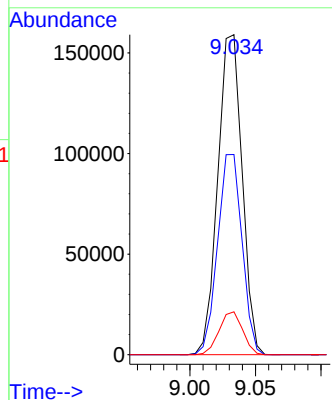
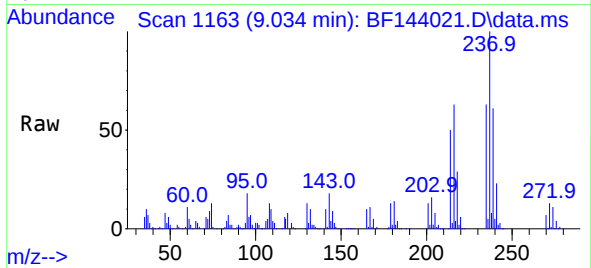




#41
Hexachlorocyclopentadiene
Concen: 104.41 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

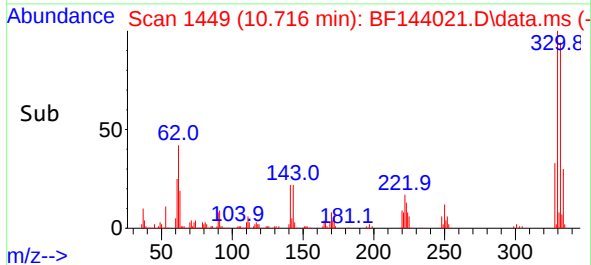
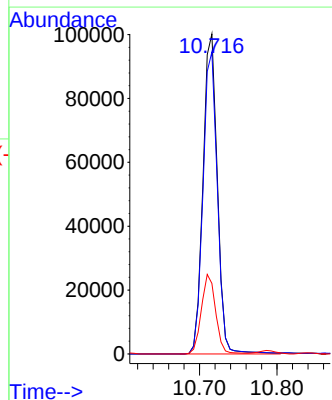
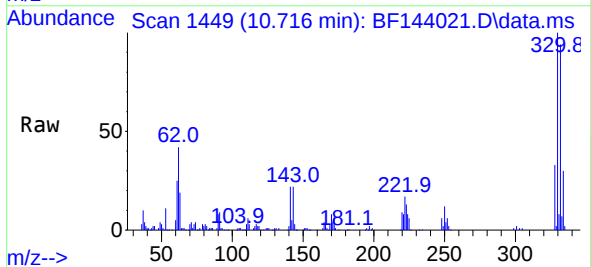
Instrument :
BNA_F
ClientSampleId :
41-LBMS

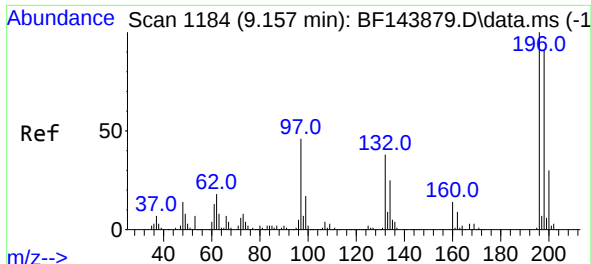
Tgt Ion:237 Resp: 205343
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 13.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 75.27 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:330 Resp: 128593
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 24.8 20.2 30.4

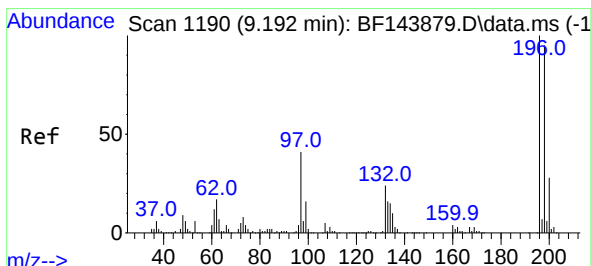
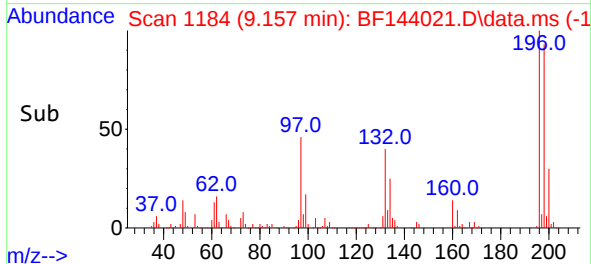
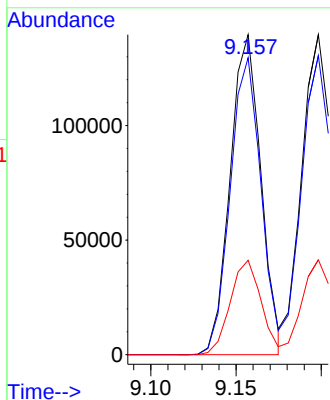
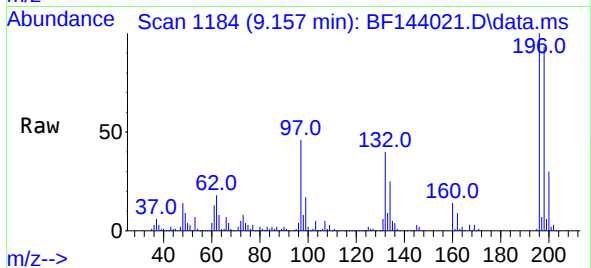




#43
2,4,6-Trichlorophenol
Concen: 50.62 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

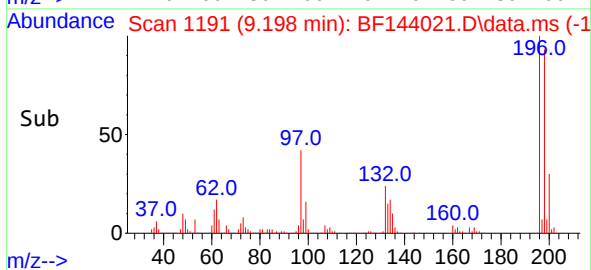
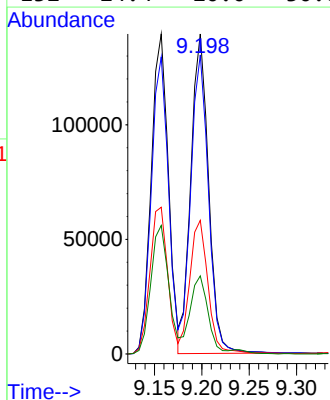
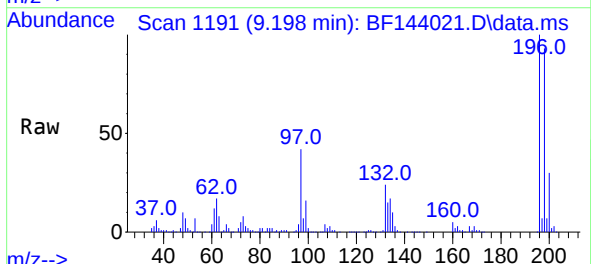
Instrument :
BNA_F
ClientSampleId :
41-LBMS

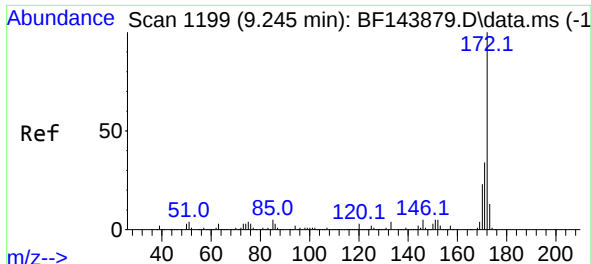
Tgt Ion:196 Resp: 175339
Ion Ratio Lower Upper
196 100
198 92.8 72.8 109.2
200 29.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.66 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:196 Resp: 181781
Ion Ratio Lower Upper
196 100
198 93.4 75.5 113.3
97 41.8 33.9 50.9
132 24.4 20.0 30.0

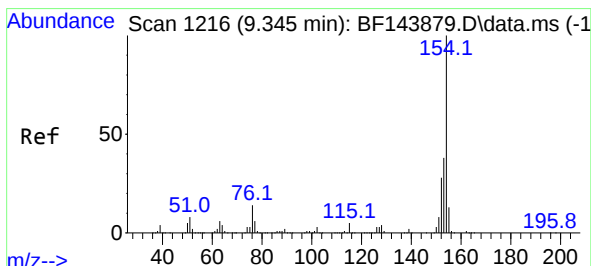
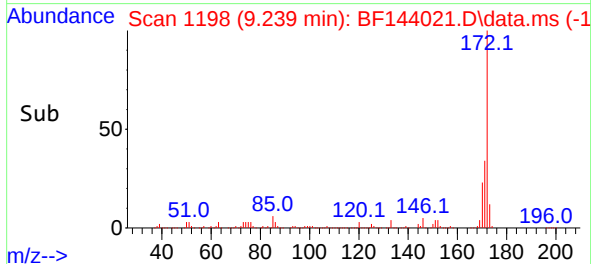
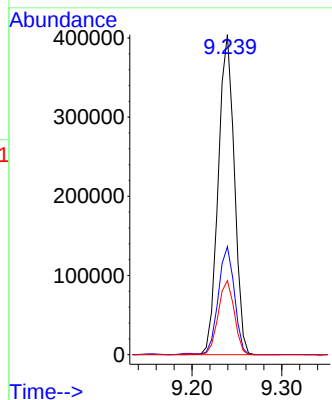
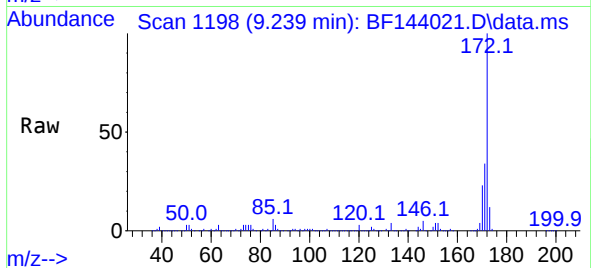




#45
2-Fluorobiphenyl
Concen: 46.50 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

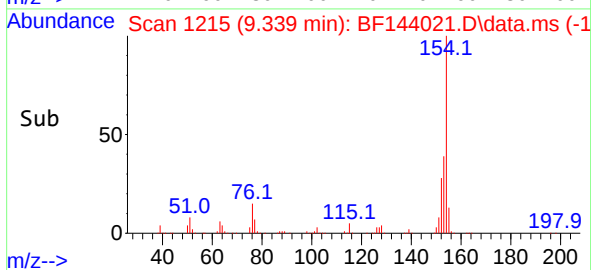
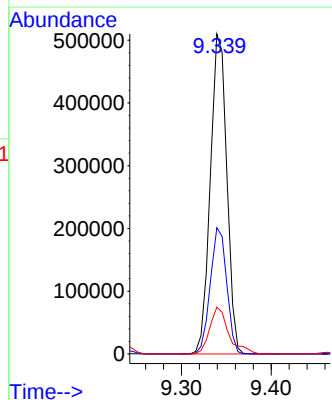
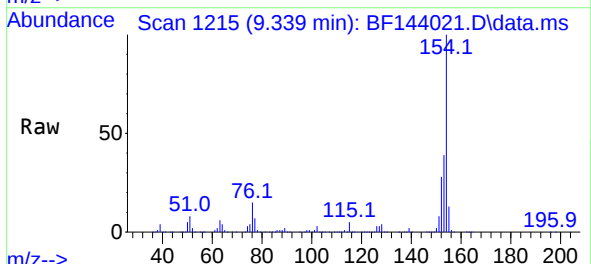
Instrument :
BNA_F
ClientSampleId :
41-LBMS

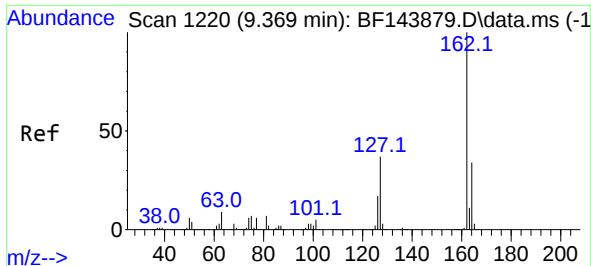
Tgt Ion:172 Resp: 502594
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 57.17 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:154 Resp: 649183
Ion Ratio Lower Upper
154 100
153 39.5 18.4 58.4
76 14.6 0.0 34.0

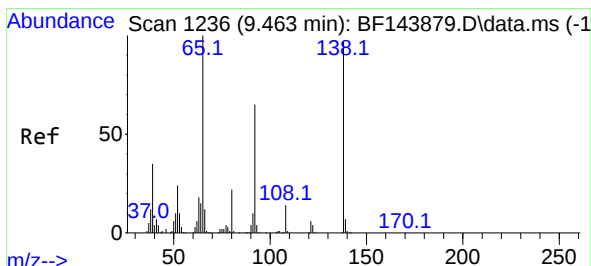
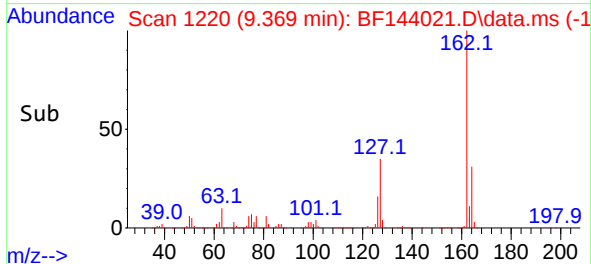
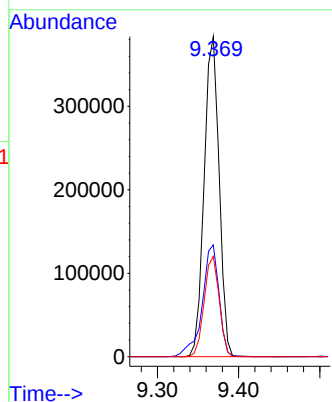
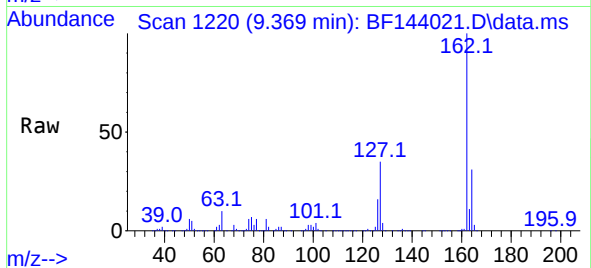




#47
2-Chloronaphthalene
Concen: 51.82 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

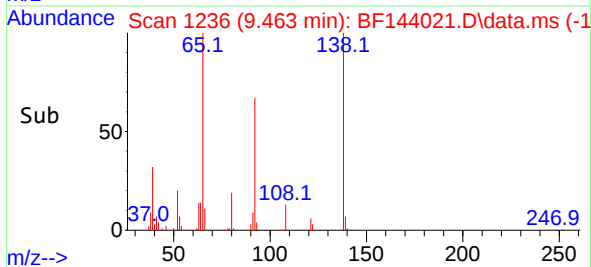
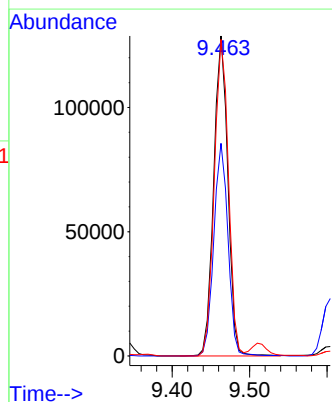
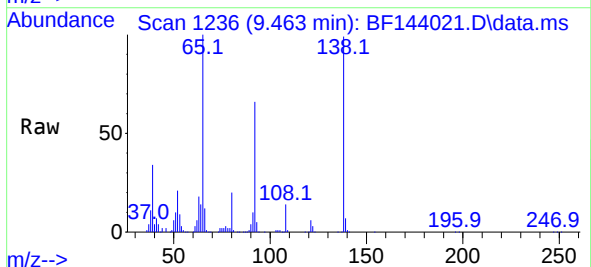
Instrument :
BNA_F
ClientSampleId :
41-LBMS

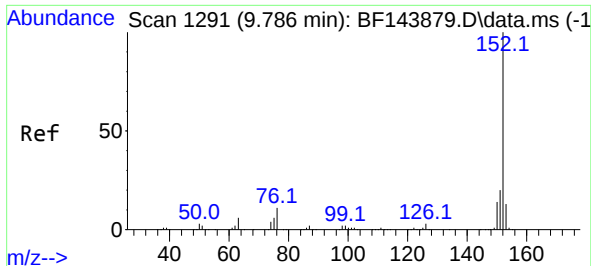
Tgt Ion:162 Resp: 490643
Ion Ratio Lower Upper
162 100
127 34.9 30.2 45.2
164 31.3 26.9 40.3



#48
2-Nitroaniline
Concen: 54.54 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 65 Resp: 163271
Ion Ratio Lower Upper
65 100
92 66.4 52.1 78.1
138 98.9 77.4 116.2





#49

Acenaphthylene

Concen: 57.11 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Instrument :

BNA_F

ClientSampleId :

41-LBMS

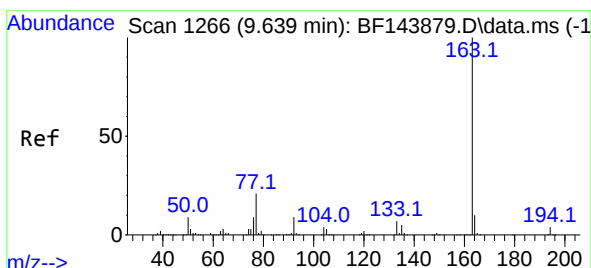
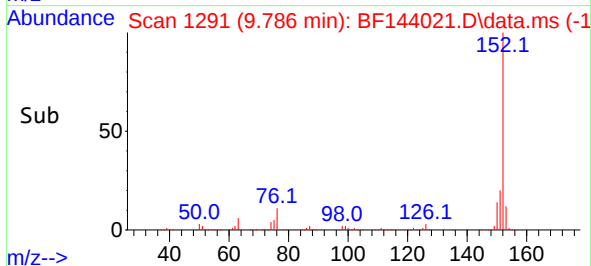
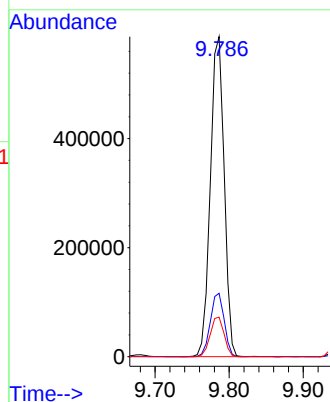
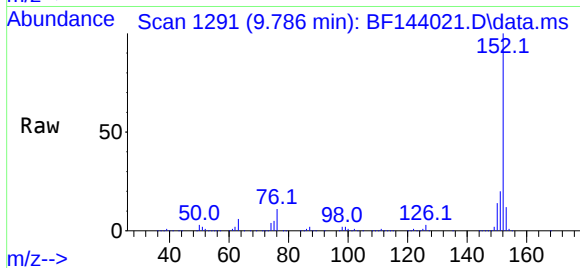
Tgt Ion:152 Resp: 760218

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 12.4 10.5 15.7



#50

Dimethylphthalate

Concen: 52.07 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

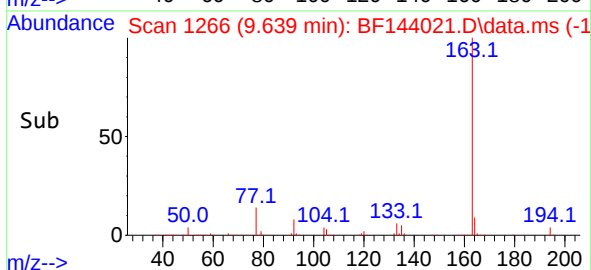
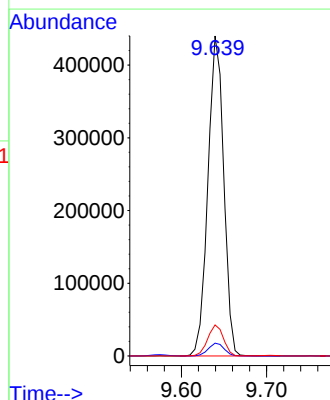
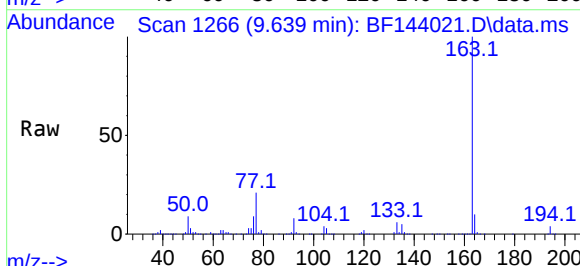
Tgt Ion:163 Resp: 567160

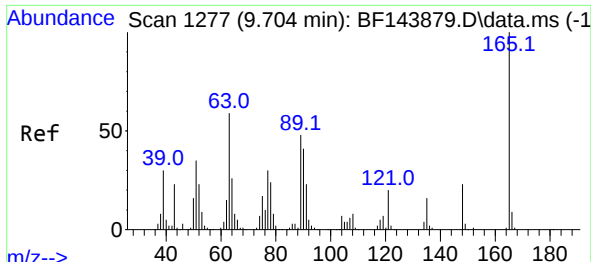
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1

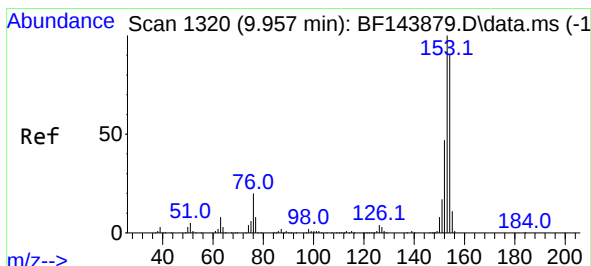
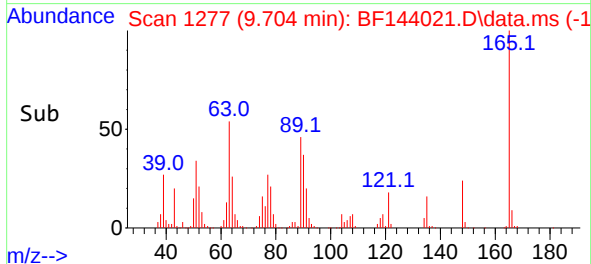
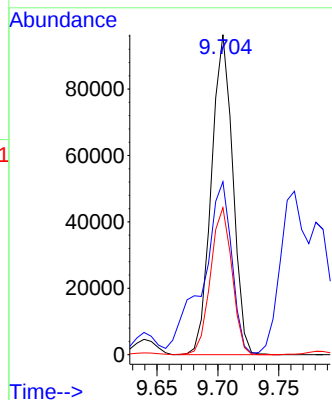
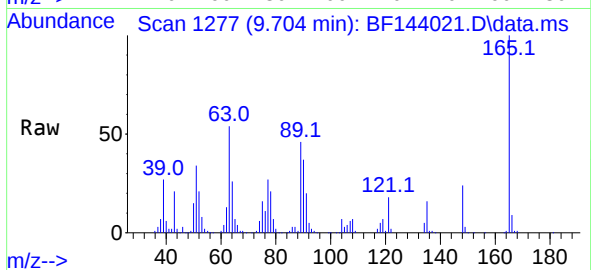




#51
2,6-Dinitrotoluene
Concen: 58.35 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

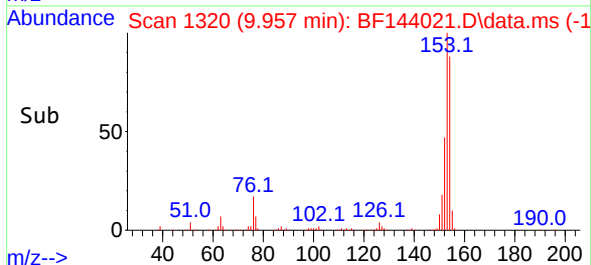
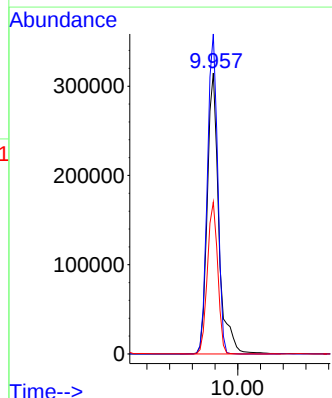
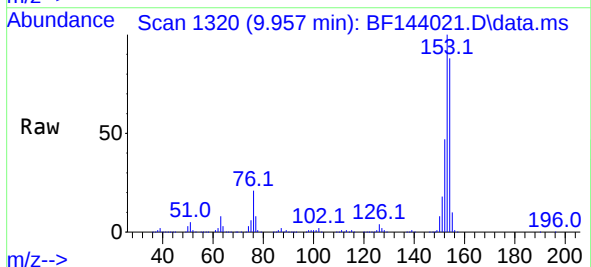
Instrument :
BNA_F
ClientSampleId :
41-LBMS

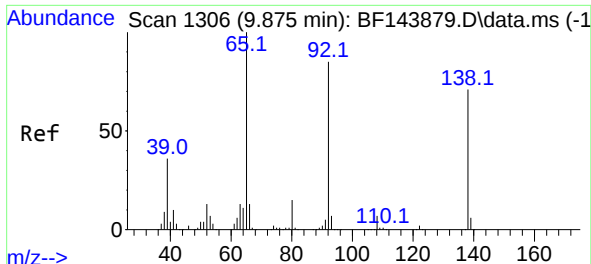
Tgt Ion:165 Resp: 117859
Ion Ratio Lower Upper
165 100
63 54.1 47.3 70.9
89 46.0 38.2 57.4



#52
Acenaphthene
Concen: 50.84 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:154 Resp: 443420
Ion Ratio Lower Upper
154 100
153 113.9 89.3 133.9
152 54.0 42.2 63.2

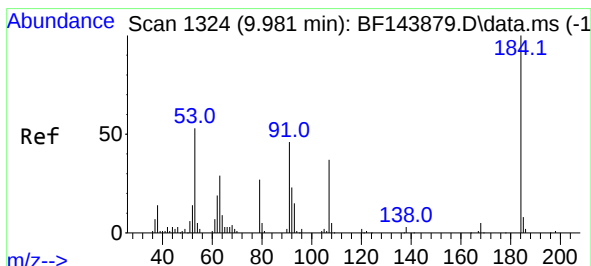
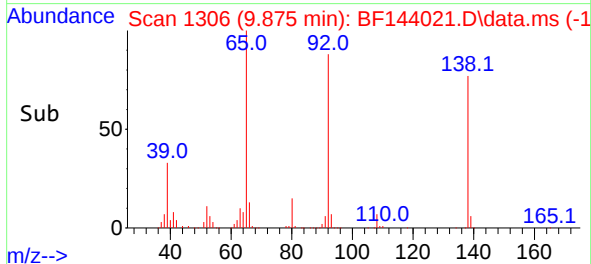
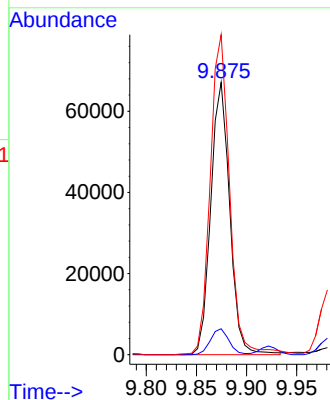
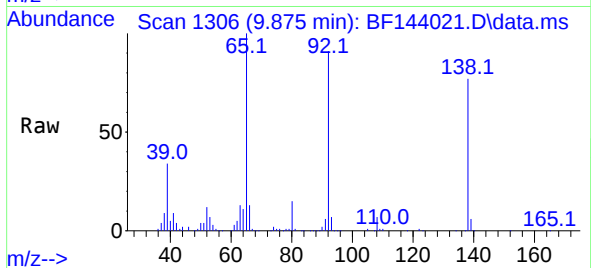




#53
3-Nitroaniline
Concen: 35.60 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

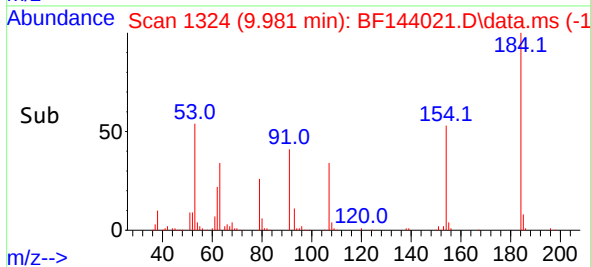
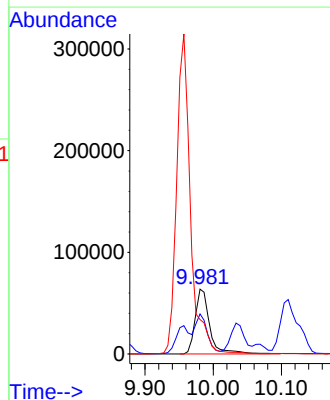
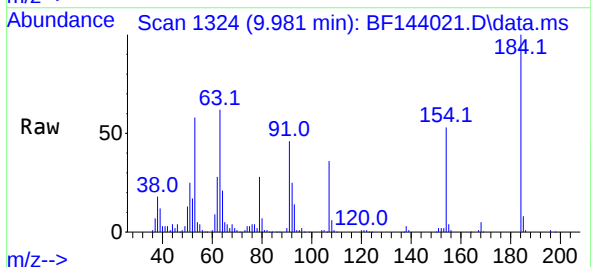
Instrument :
BNA_F
ClientSampleId :
41-LBMS

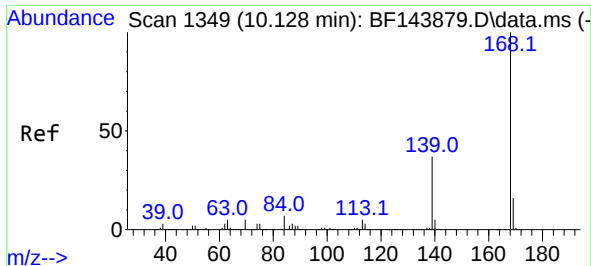
Tgt Ion:138 Resp: 88035
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 117.5 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 76.43 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

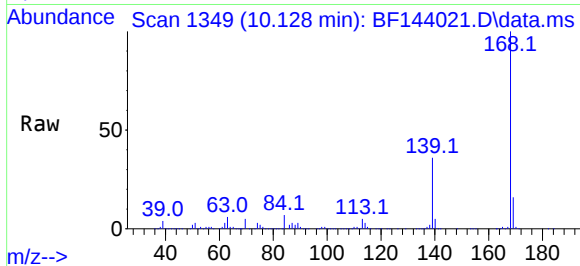
Tgt Ion:184 Resp: 94795
Ion Ratio Lower Upper
184 100
63 61.7 48.2 72.4
154 53.2 49.2 73.8



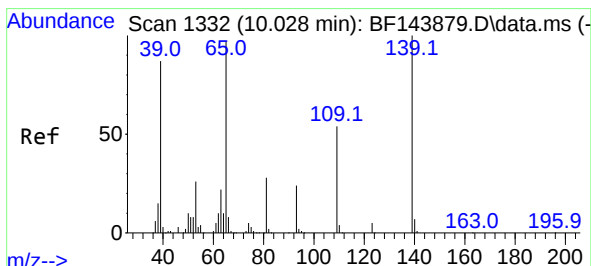
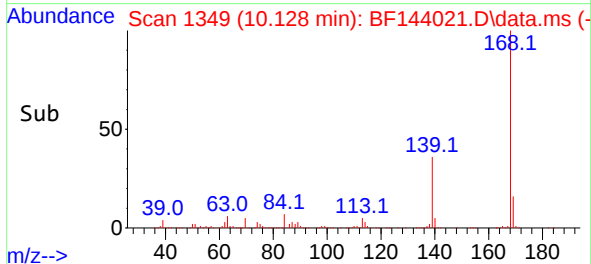
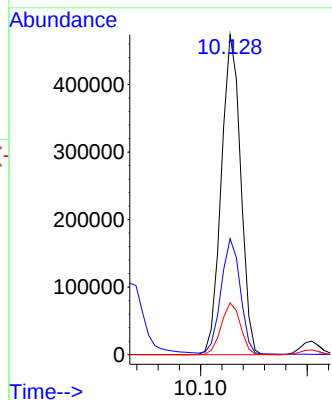


#55
Dibenzofuran
Concen: 48.38 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

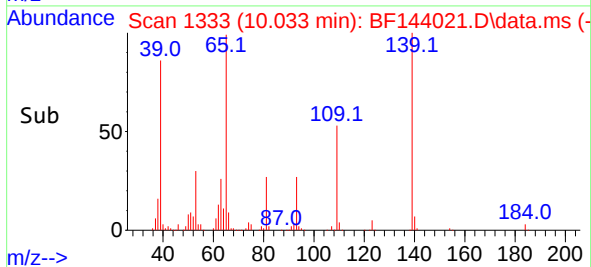
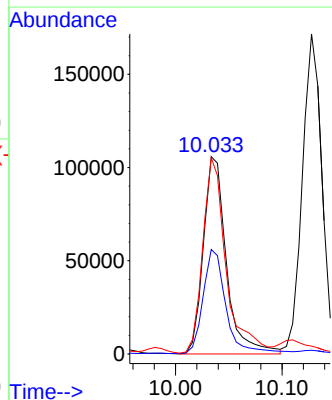
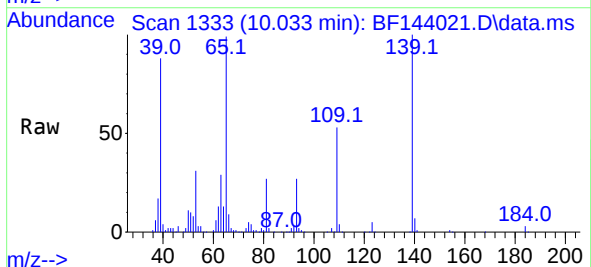


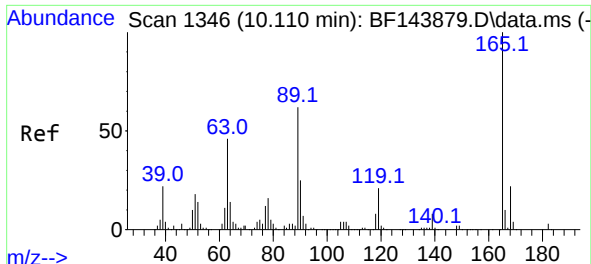
Tgt Ion:168 Resp: 595679
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8
169 16.2 12.8 19.2



#56
4-Nitrophenol
Concen: 85.22 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:139 Resp: 159580
Ion Ratio Lower Upper
139 100
109 52.9 34.5 74.5
65 99.4 77.6 117.6

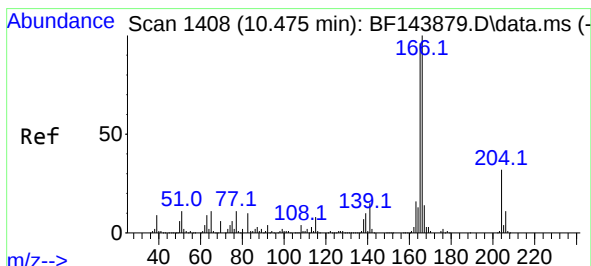
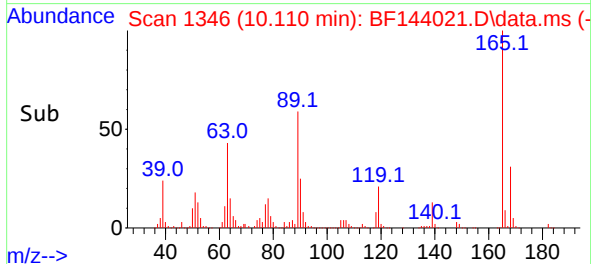
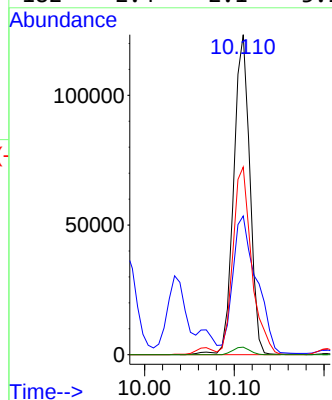
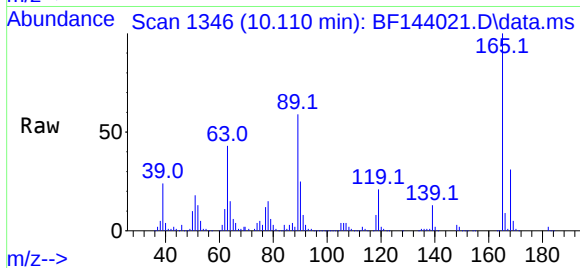




#57
2,4-Dinitrotoluene
Concen: 56.03 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

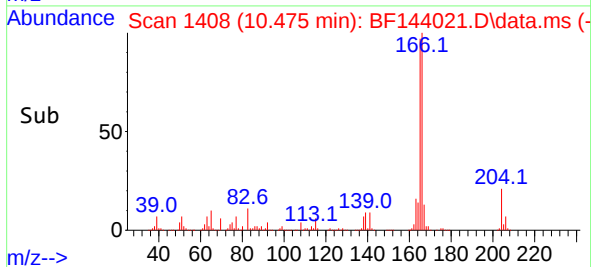
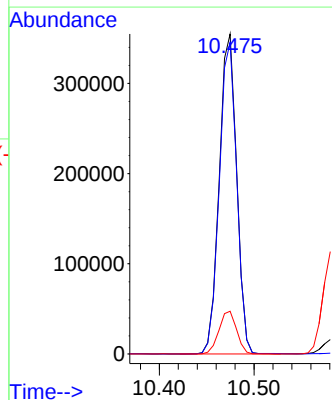
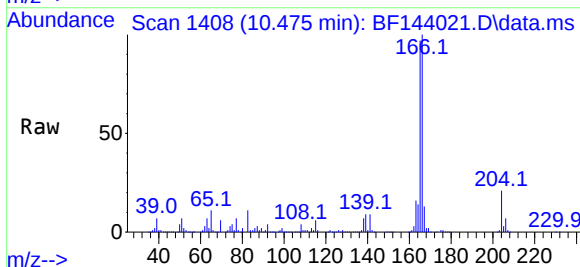
Instrument :
BNA_F
ClientSampleId :
41-LBMS

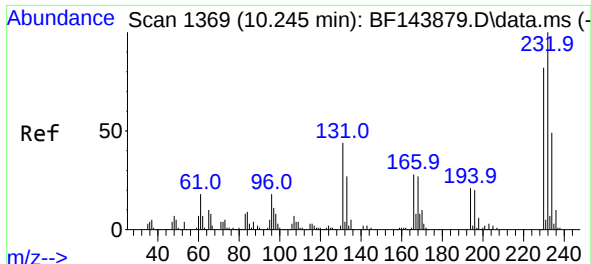
Tgt Ion:165 Resp: 153965
Ion Ratio Lower Upper
165 100
63 43.3 37.2 55.8
89 58.7 49.4 74.2
182 2.4 2.1 3.1



#58
Fluorene
Concen: 48.76 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:166 Resp: 453015
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.6
167 13.3 11.1 16.7

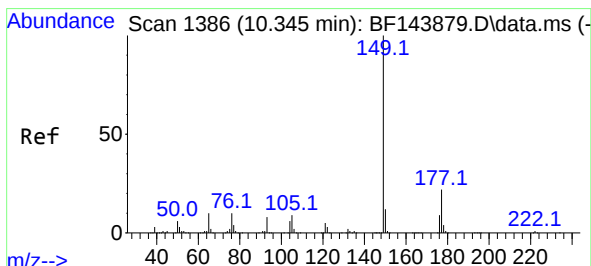
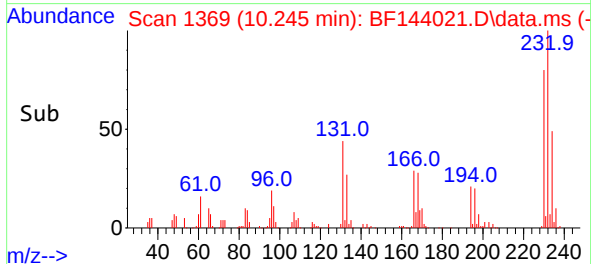
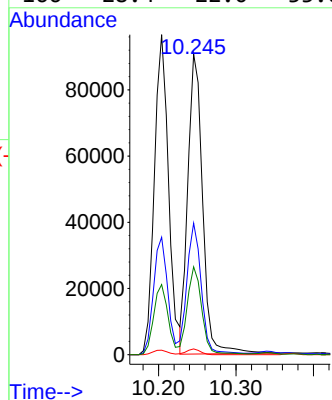
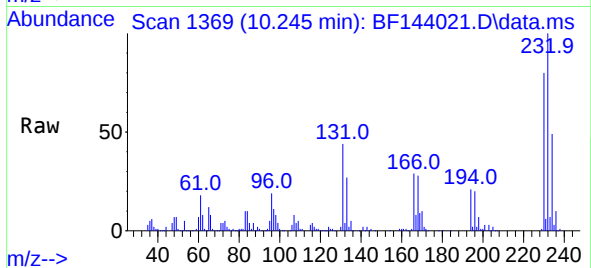




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.27 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

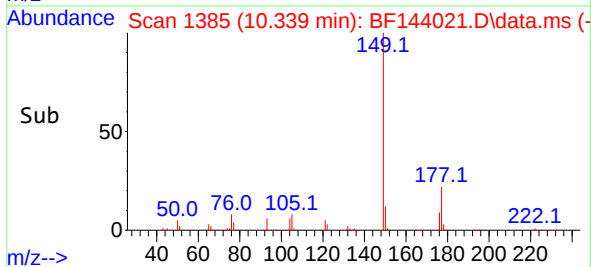
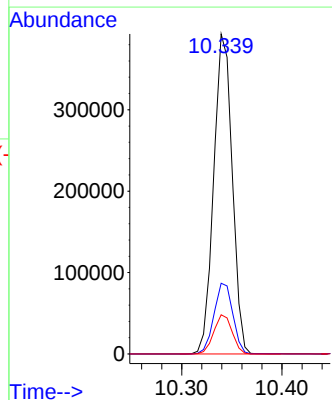
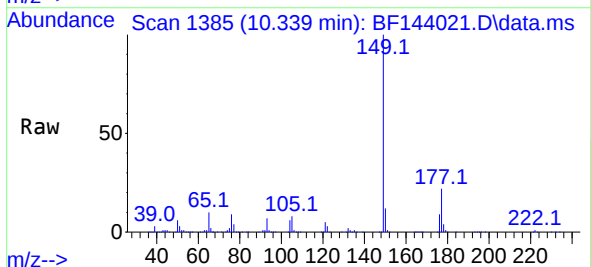
Instrument :
BNA_F
ClientSampleId :
41-LBMS

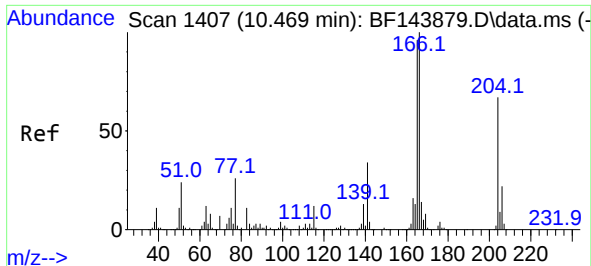
Tgt Ion:232 Resp: 119888
Ion Ratio Lower Upper
232 100
131 43.3 34.9 52.3
130 1.8 1.6 2.4
166 28.4 22.0 33.0



#60
Diethylphthalate
Concen: 49.82 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:149 Resp: 504158
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.3 9.8 14.8

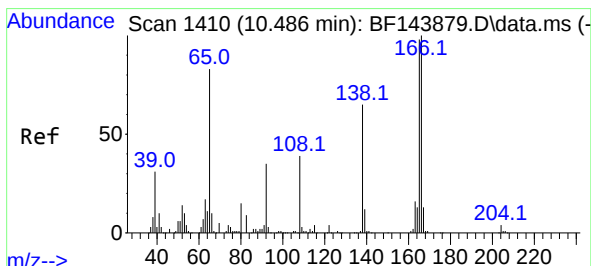
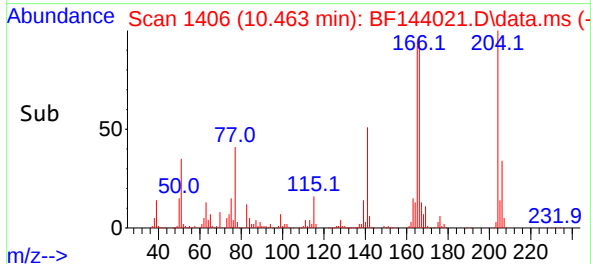
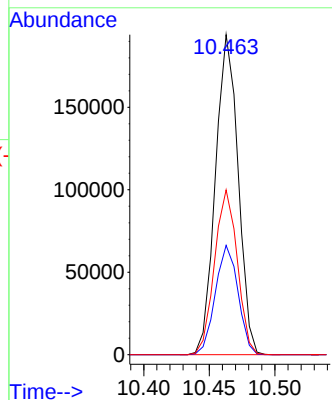
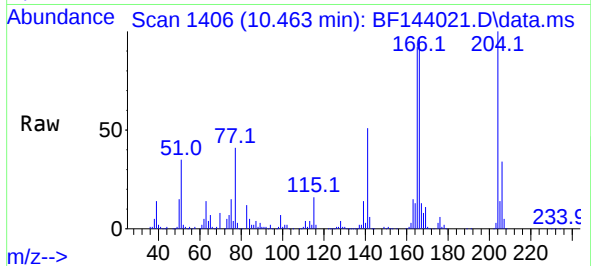




#61
4-Chlorophenyl-phenylether
Concen: 47.48 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

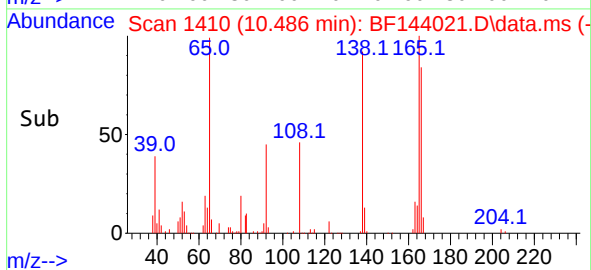
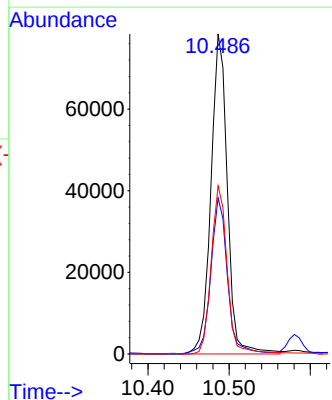
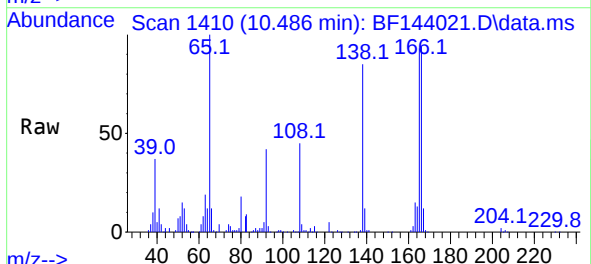
Instrument :
BNA_F
ClientSampleId :
41-LBMS

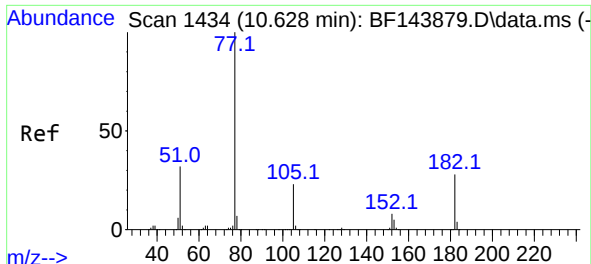
Tgt Ion:204 Resp: 233202
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 51.5 40.4 60.6



#62
4-Nitroaniline
Concen: 46.20 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:138 Resp: 109876
Ion Ratio Lower Upper
138 100
92 48.7 33.9 73.9
108 52.6 40.2 80.2



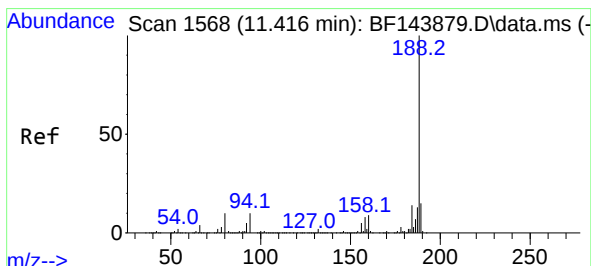
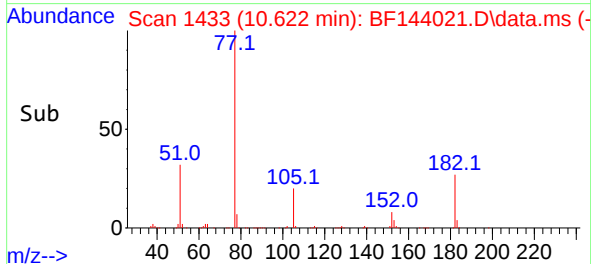
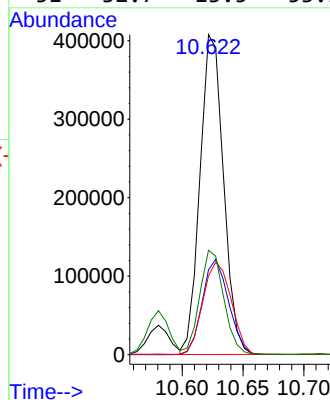
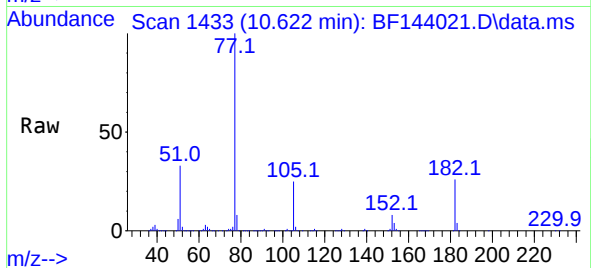


#63
Azobenzene
Concen: 51.97 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion: 77 Resp: 549618

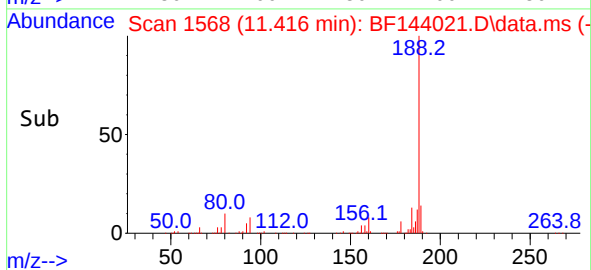
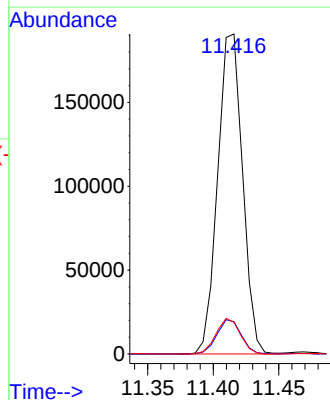
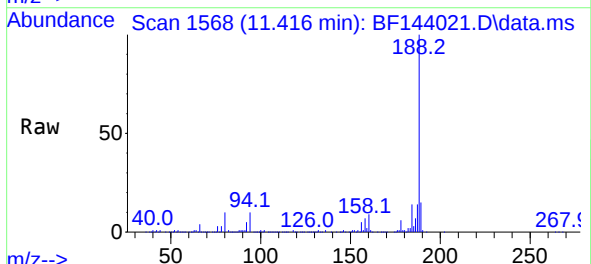
Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.3	47.3
105	24.7	3.0	43.0
51	32.7	13.5	53.5

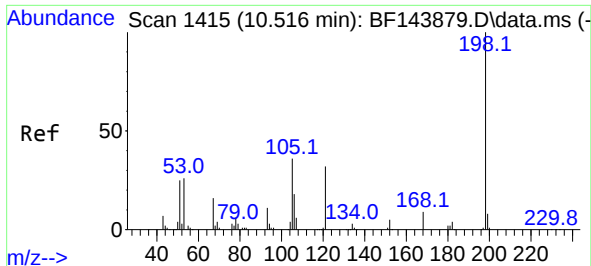


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion: 188 Resp: 251833

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	9.9	7.9	11.9

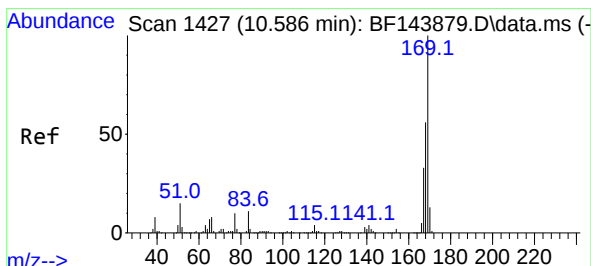
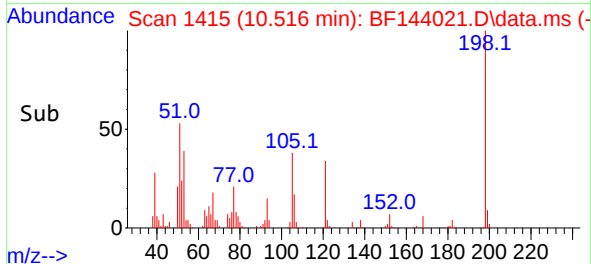
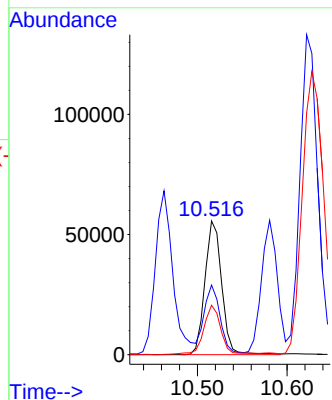
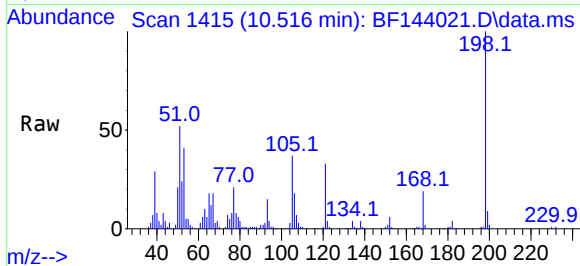




#65
4,6-Dinitro-2-methylphenol
Concen: 57.19 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

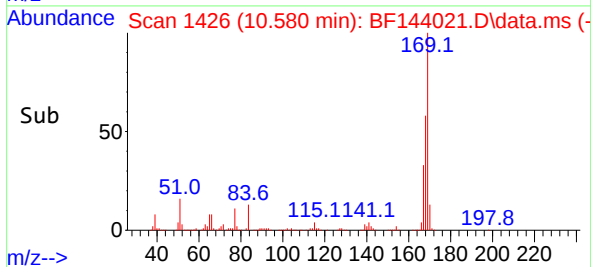
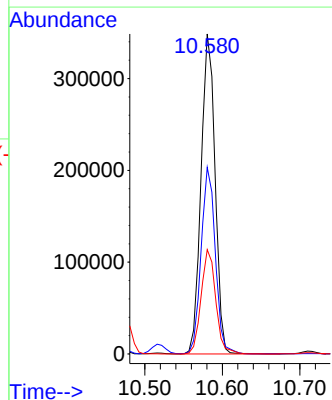
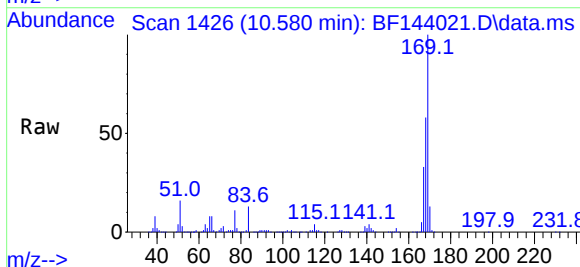
Instrument :
BNA_F
ClientSampleId :
41-LBMS

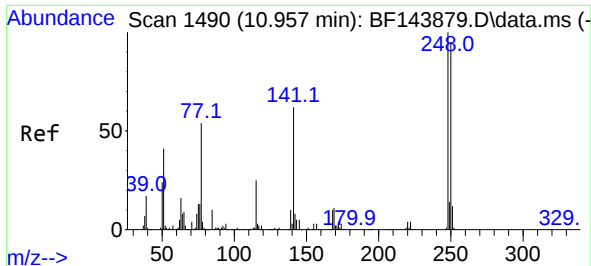
Tgt Ion:198 Resp: 72380
Ion Ratio Lower Upper
198 100
51 52.0 33.8 73.8
105 37.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 55.46 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:169 Resp: 438535
Ion Ratio Lower Upper
169 100
168 58.3 44.9 67.3
167 32.6 26.3 39.5

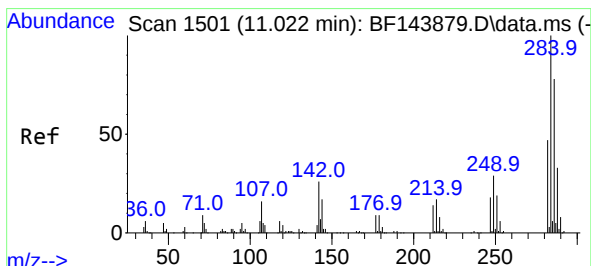
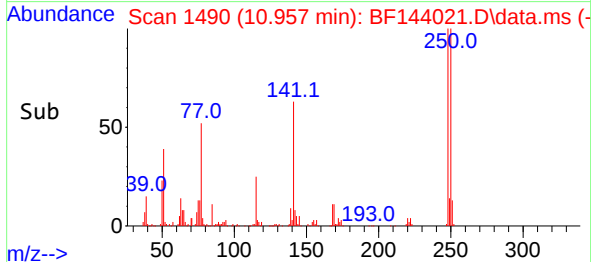
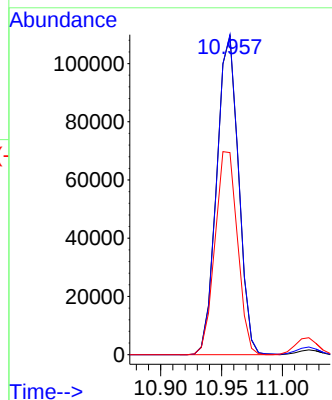
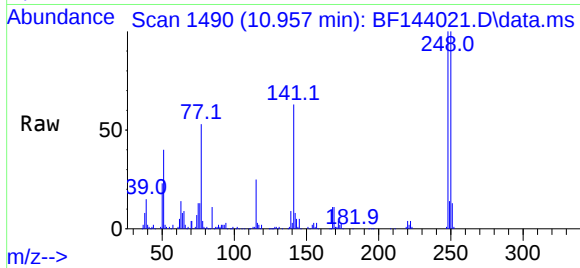




#67
4-Bromophenyl-phenylether
Concen: 49.23 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

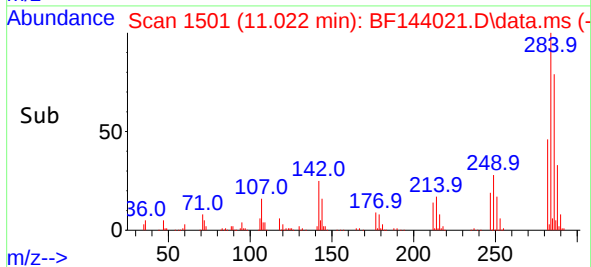
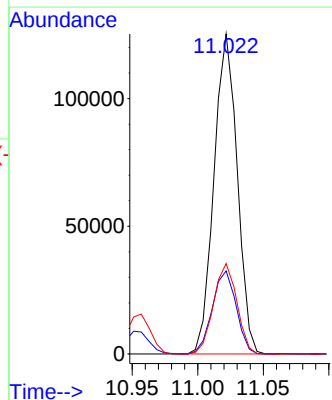
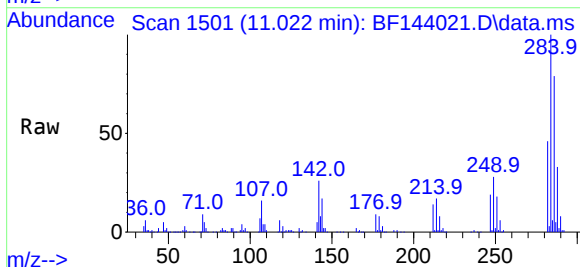
Instrument :
BNA_F
ClientSampleId :
41-LBMS

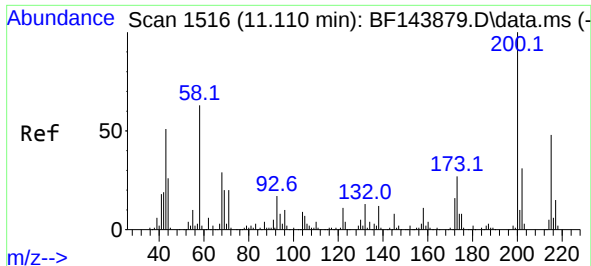
Tgt Ion:248 Resp: 137013
Ion Ratio Lower Upper
248 100
250 100.4 76.3 114.5
141 63.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.84 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:284 Resp: 154149
Ion Ratio Lower Upper
284 100
142 26.0 20.6 30.8
249 28.3 23.2 34.8

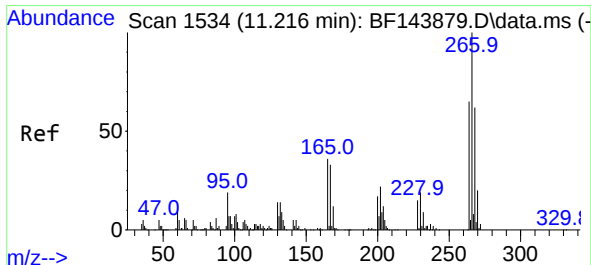
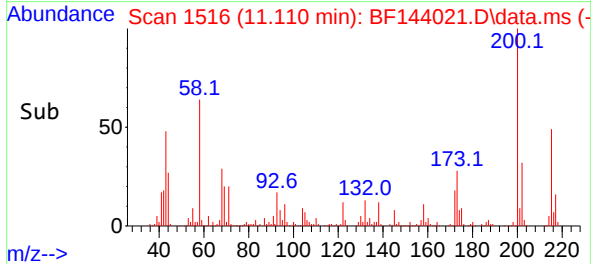
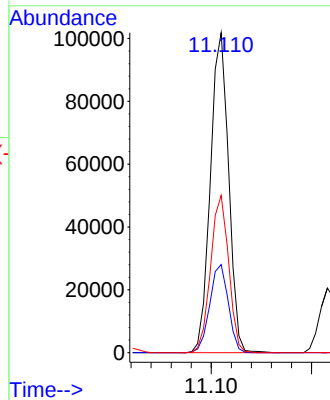
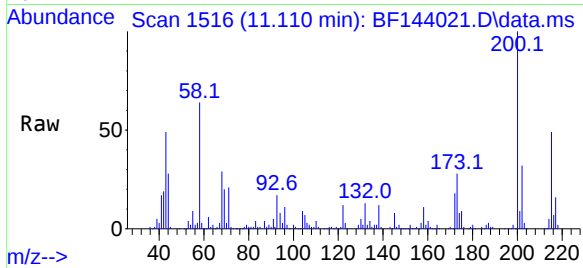




#69
Atrazine
Concen: 53.66 ng
RT: 11.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

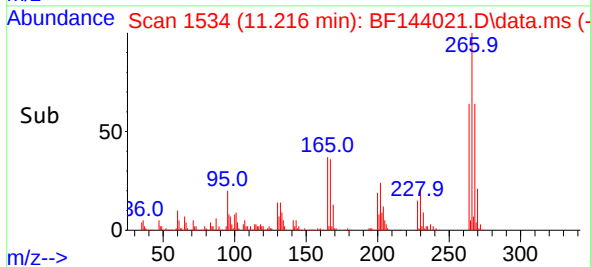
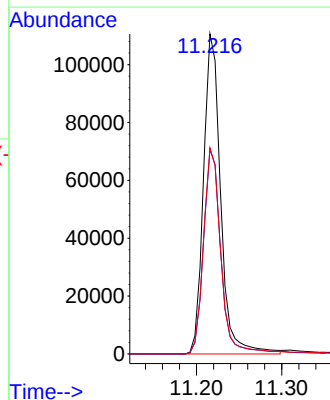
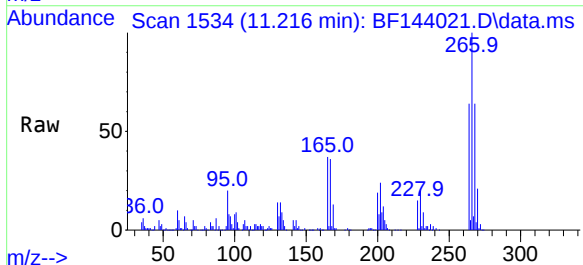
Instrument :
BNA_F
ClientSampleId :
41-LBMS

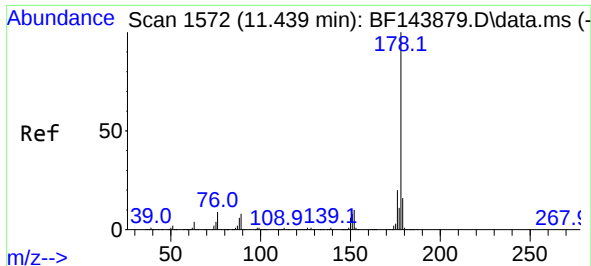
Tgt Ion:200 Resp: 128608
Ion Ratio Lower Upper
200 100
173 27.6 7.0 47.0
215 49.2 27.8 67.8



#70
Pentachlorophenol
Concen: 83.71 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:266 Resp: 154905
Ion Ratio Lower Upper
266 100
268 63.9 49.4 74.0
264 64.5 51.8 77.6

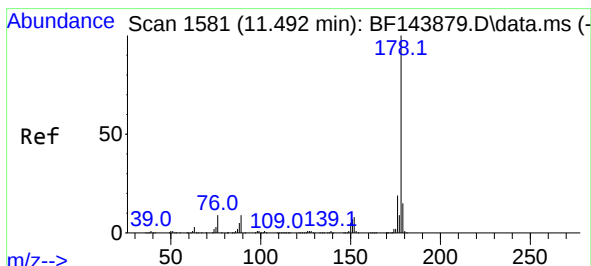
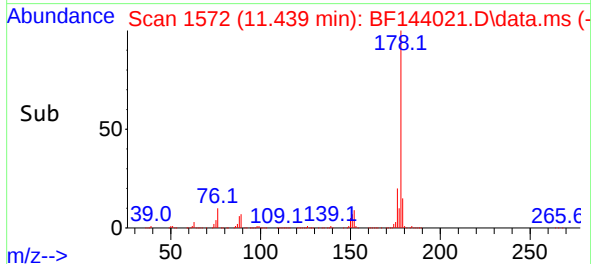
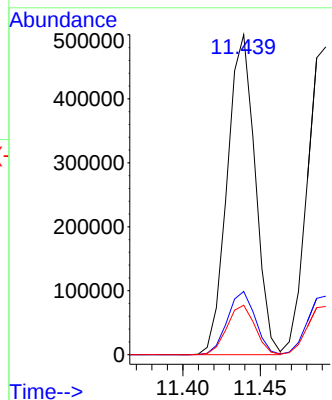
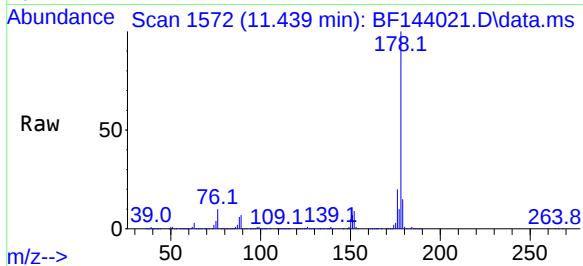




#71
Phenanthrene
Concen: 51.31 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

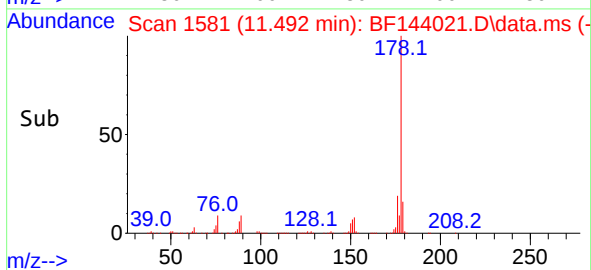
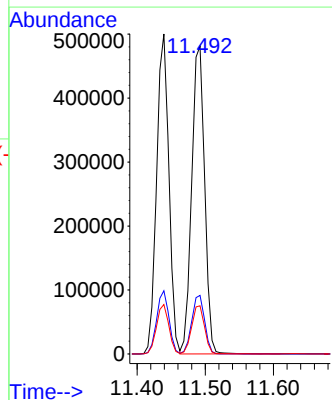
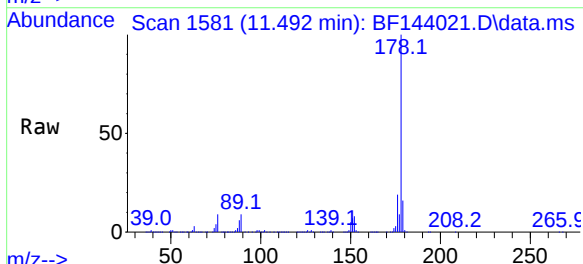
Instrument :
BNA_F
ClientSampleId :
41-LBMS

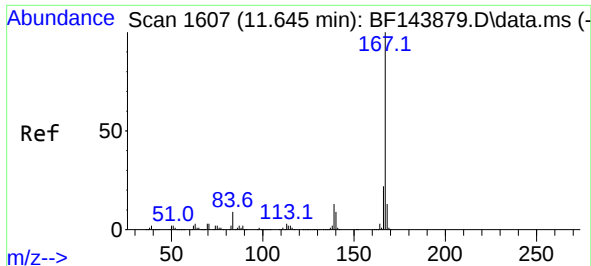
Tgt Ion:178 Resp: 626490
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 51.15 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:178 Resp: 630911
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.6 12.2 18.2



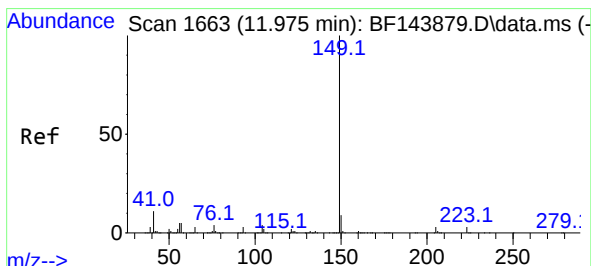
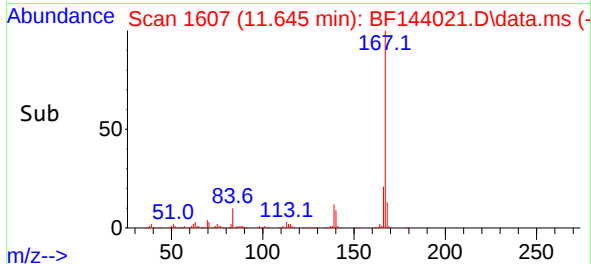
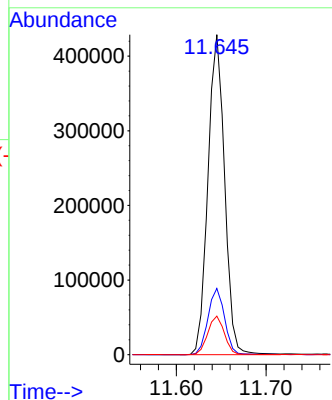
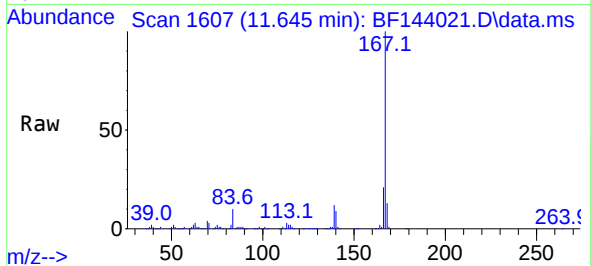


#73
 Carbazole
 Concen: 50.63 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

Instrument :
 BNA_F
 ClientSampleId :
 41-LBMS

Tgt Ion:167 Resp: 553053

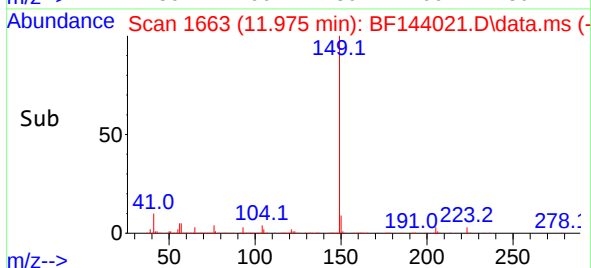
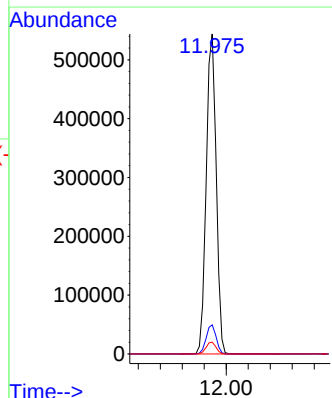
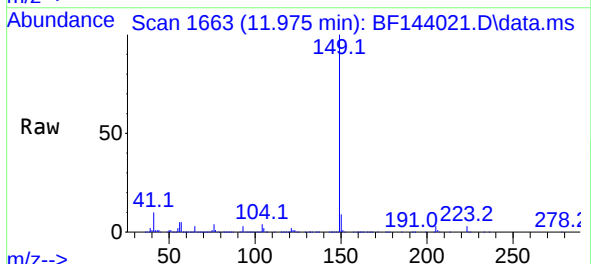
Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.1	10.1	15.1

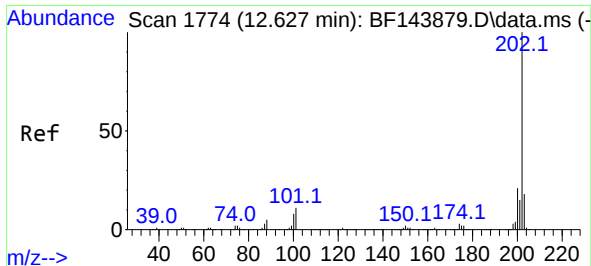


#74
 Di-n-butylphthalate
 Concen: 53.90 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

Tgt Ion:149 Resp: 682358

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	3.7	3.4	5.2

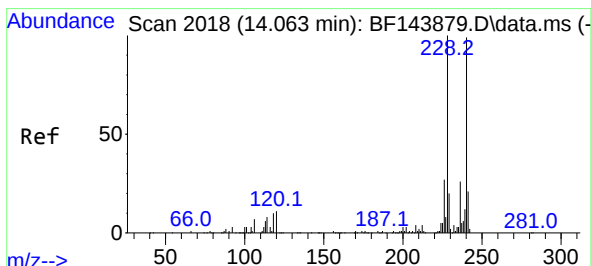
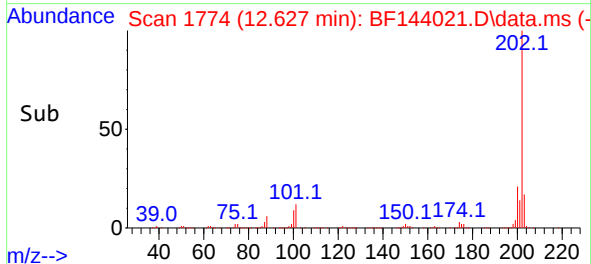
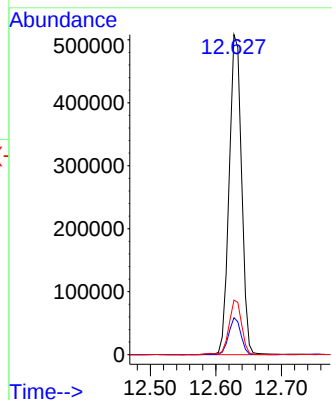
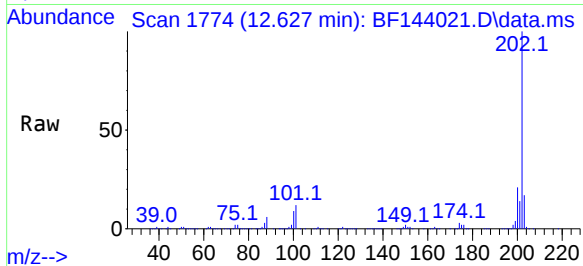




#75
Fluoranthene
Concen: 52.93 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

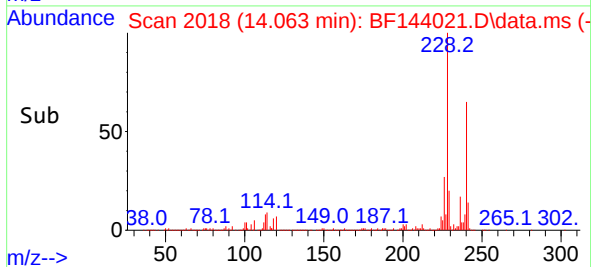
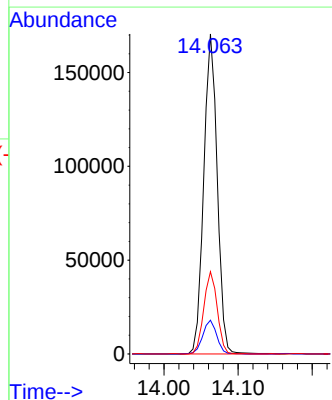
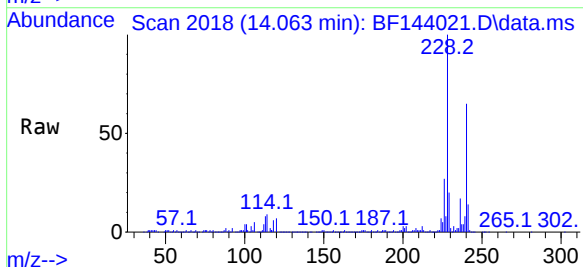
Instrument :
BNA_F
ClientSampleId :
41-LBMS

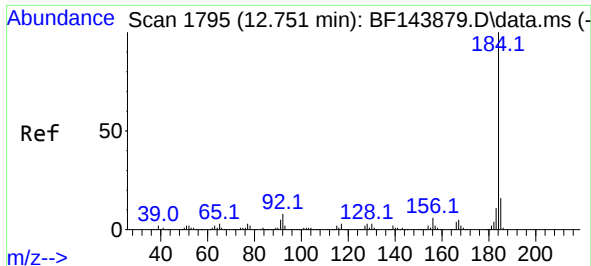
Tgt Ion:202 Resp: 667503
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:240 Resp: 215570
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.7 21.1 31.7

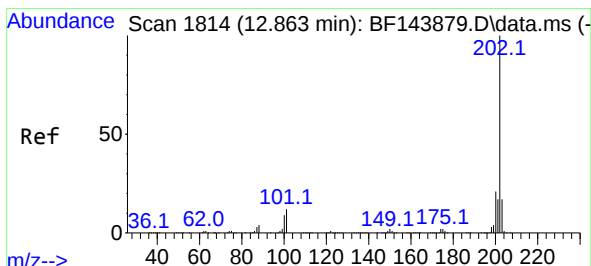
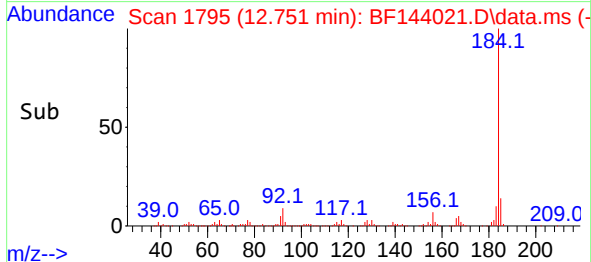
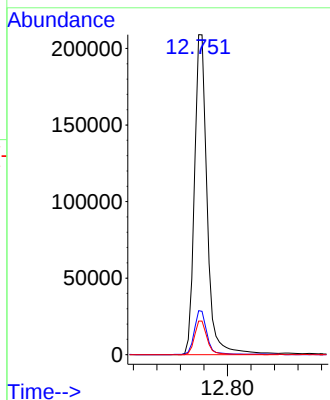
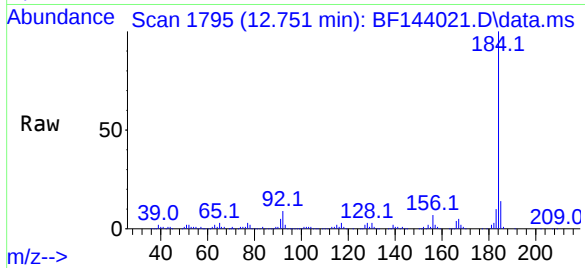




#77
Benzidine
Concen: 41.83 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

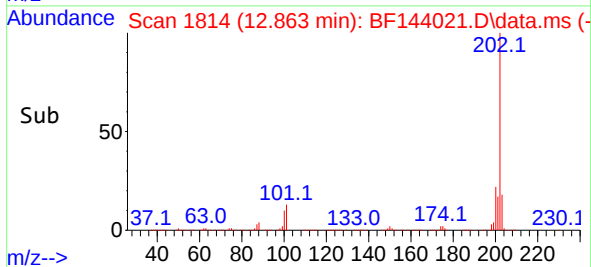
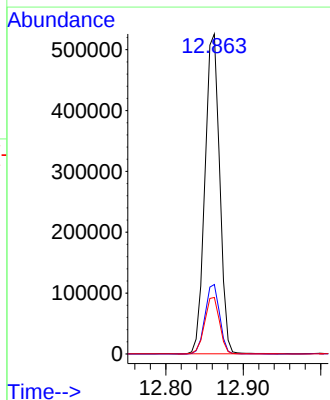
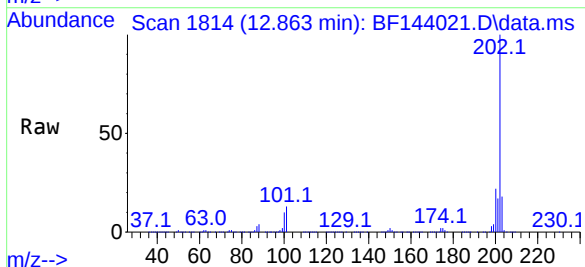
Instrument :
BNA_F
ClientSampleId :
41-LBMS

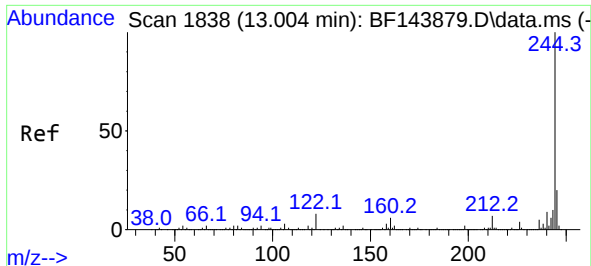
Tgt Ion:184 Resp: 313101
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 10.5 8.8 13.2



#78
Pyrene
Concen: 38.52 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:202 Resp: 692293
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.6 13.8 20.6

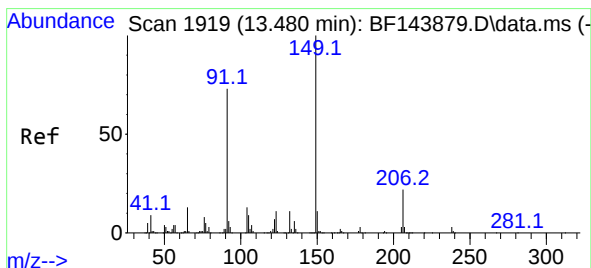
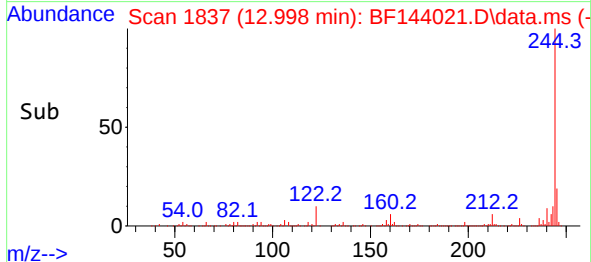
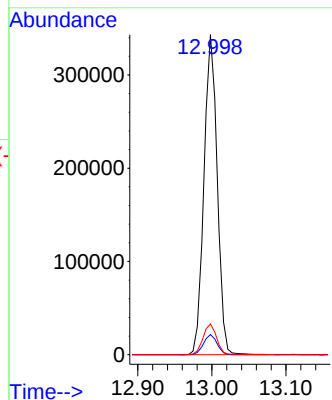
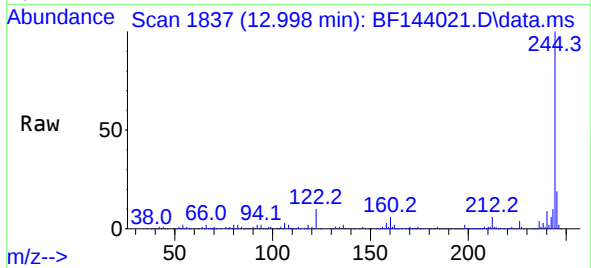




#79
 Terphenyl-d14
 Concen: 33.92 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

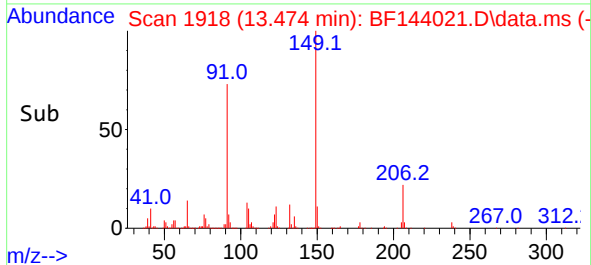
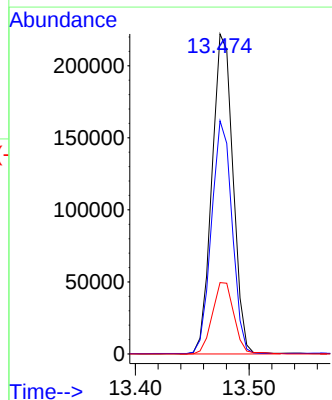
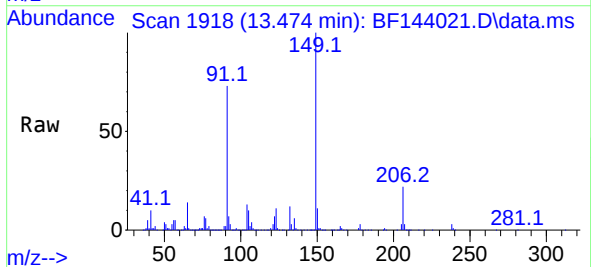
Instrument :
 BNA_F
 ClientSampleId :
 41-LBMS

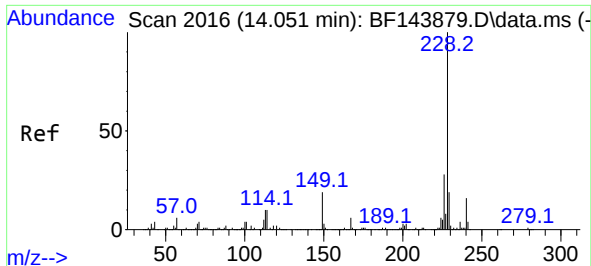
Tgt Ion:244 Resp: 427888
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.6 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 49.03 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF144021.D
 Acq: 21 Oct 2025 19:28

Tgt Ion:149 Resp: 286154
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.2 87.2
 206 22.3 17.9 26.9

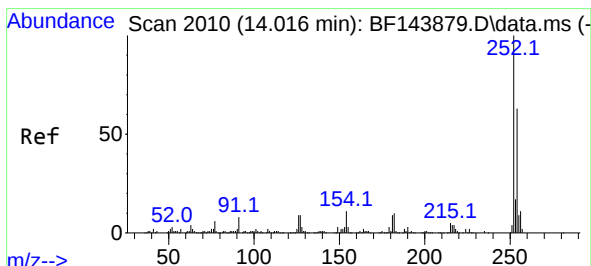
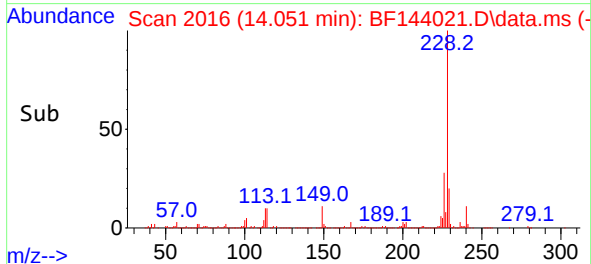
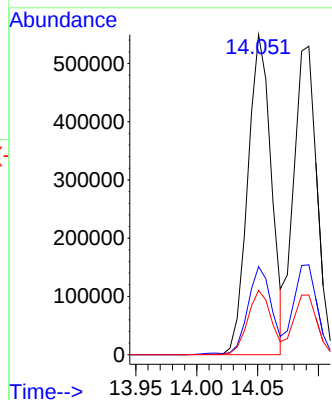
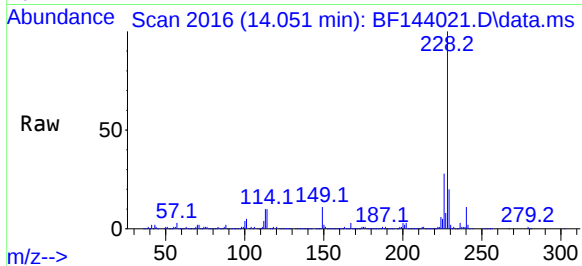




#81
Benzo(a)anthracene
Concen: 52.39 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

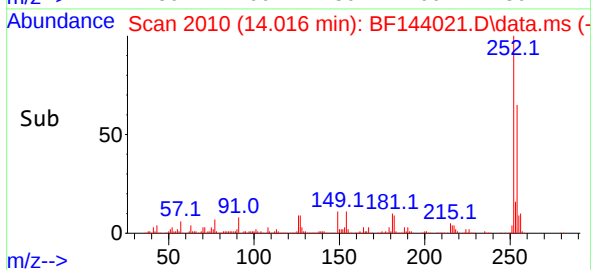
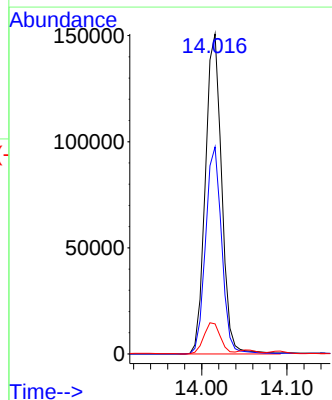
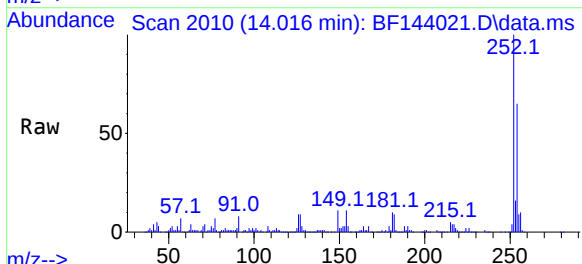
Instrument :
BNA_F
ClientSampleId :
41-LBMS

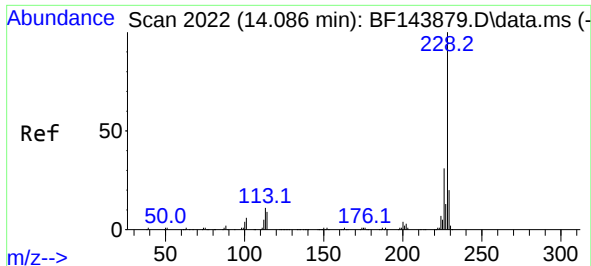
Tgt Ion:228 Resp: 739023
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 46.70 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:252 Resp: 200747
Ion Ratio Lower Upper
252 100
254 64.7 50.6 76.0
126 9.4 7.0 10.6

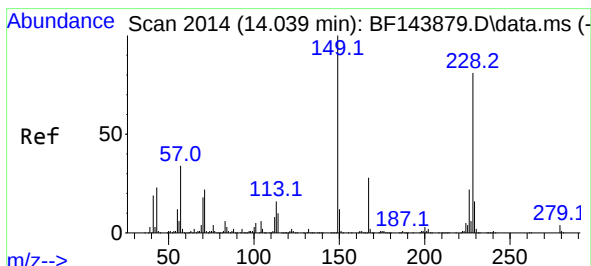
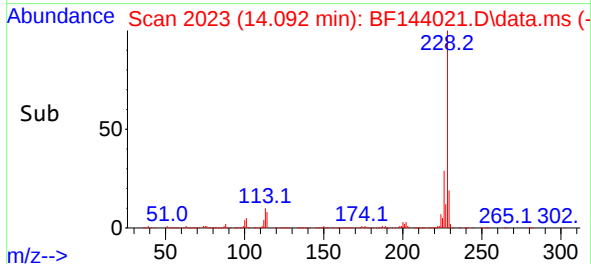
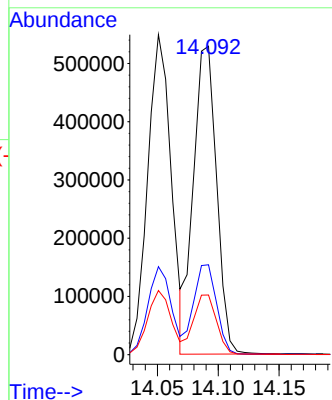
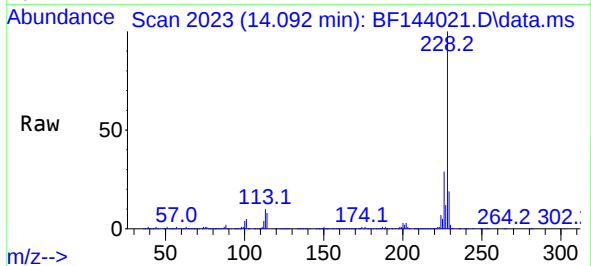




#83
Chrysene
Concen: 53.68 ng
RT: 14.092 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

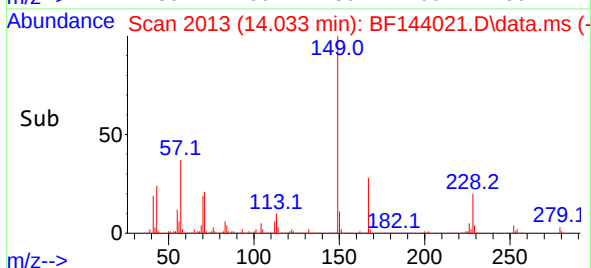
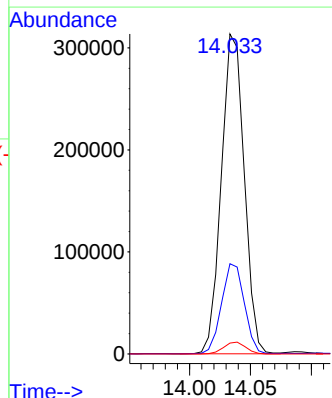
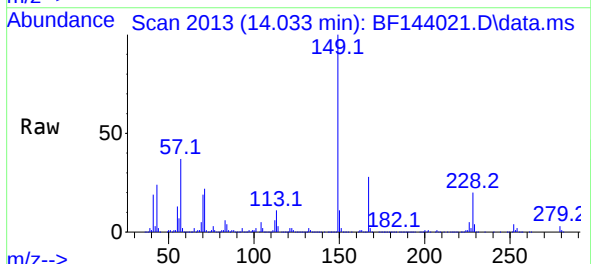
Instrument :
BNA_F
ClientSampleId :
41-LBMS

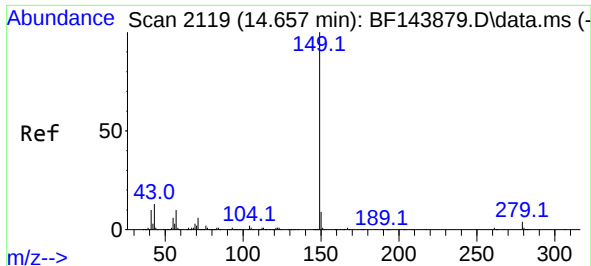
Tgt Ion:228 Resp: 700802
Ion Ratio Lower Upper
228 100
226 29.2 24.4 36.6
229 19.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.29 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:149 Resp: 410102
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 3.4 3.1 4.7

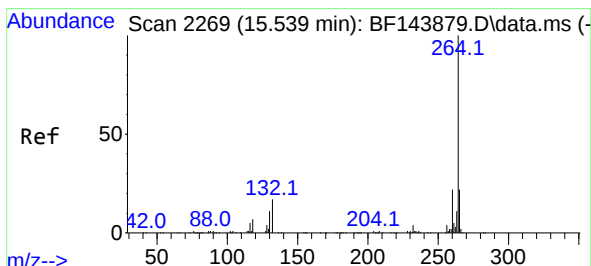
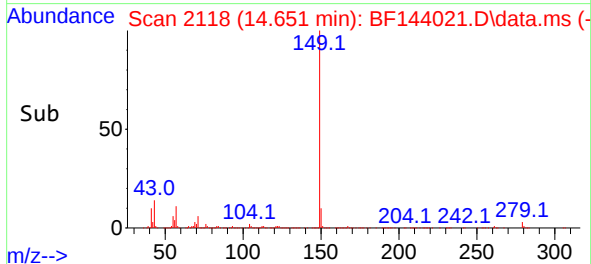
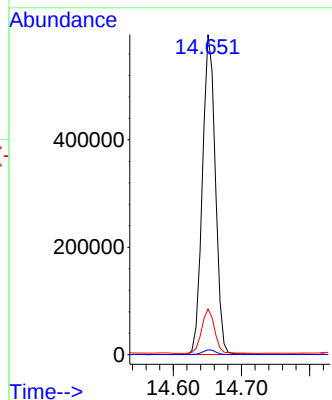
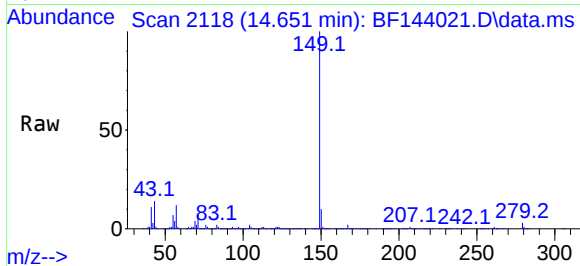




#85
Di-n-octyl phthalate
Concen: 67.99 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

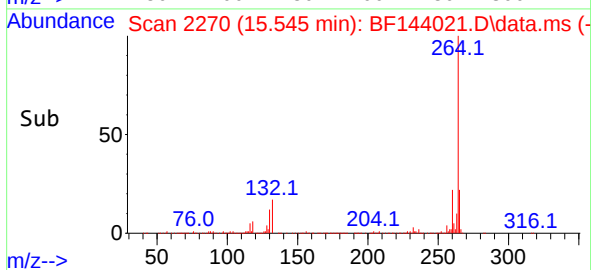
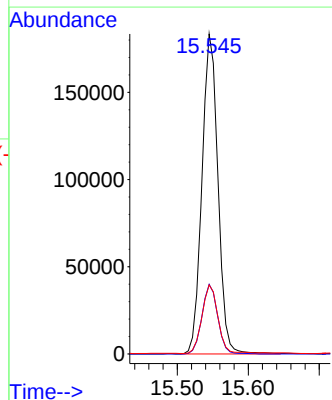
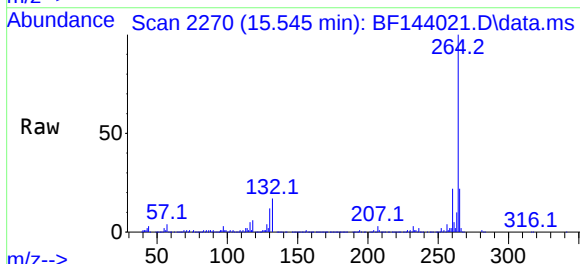
Instrument :
BNA_F
ClientSampleId :
41-LBMS

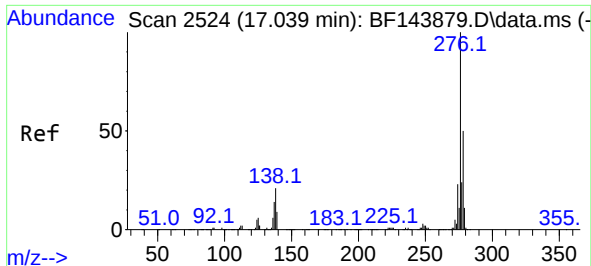
Tgt Ion:149 Resp: 785742
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.8 11.0 16.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:264 Resp: 288346
Ion Ratio Lower Upper
264 100
260 21.7 17.8 26.8
265 21.6 17.5 26.3

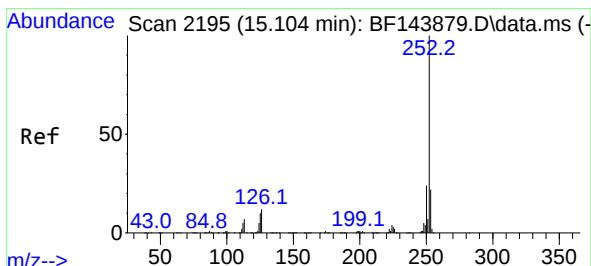
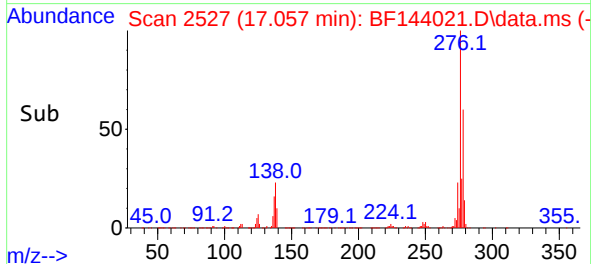
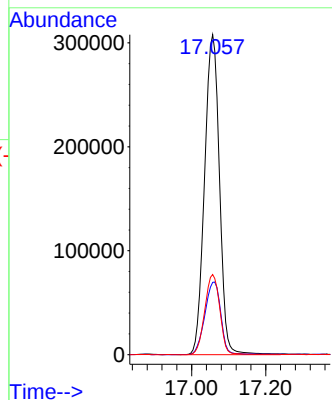
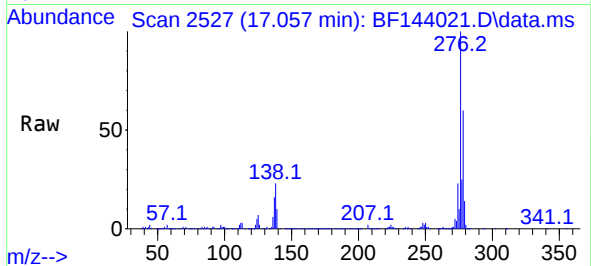




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.75 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

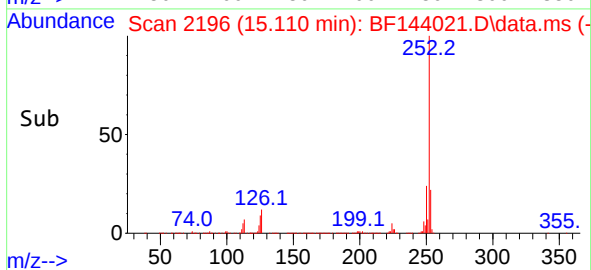
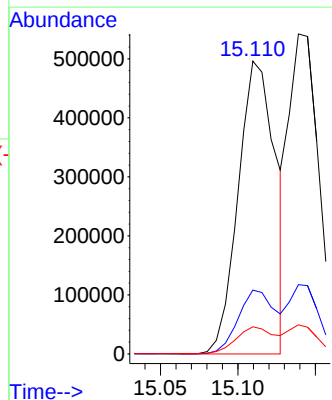
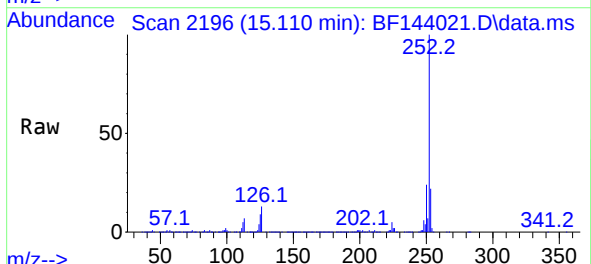
Instrument :
BNA_F
ClientSampleId :
41-LBMS

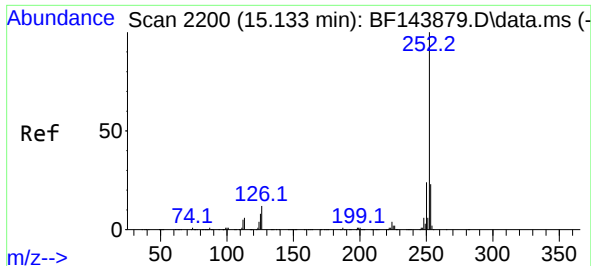
Tgt Ion:276 Resp: 861279
Ion Ratio Lower Upper
276 100
138 23.9 18.2 27.2
277 25.2 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 50.08 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:252 Resp: 829420
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.42 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

Instrument :

BNA_F

ClientSampleId :

41-LBMS

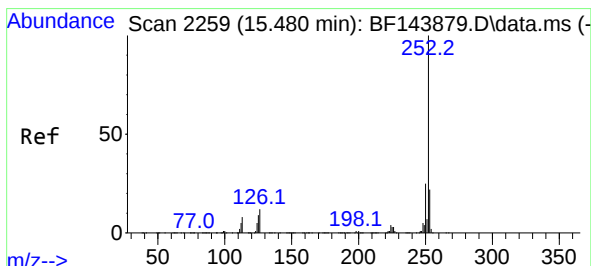
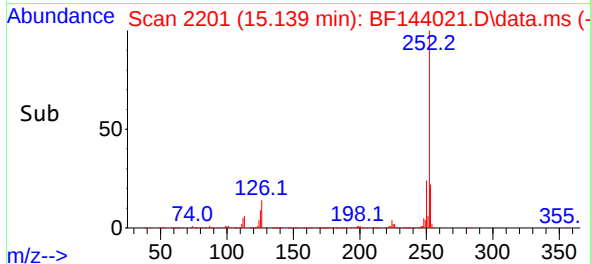
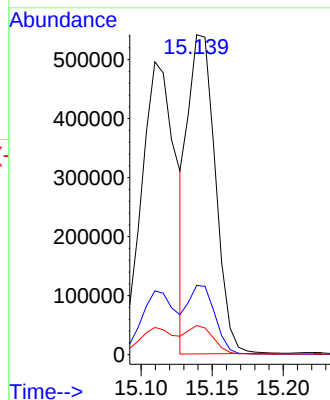
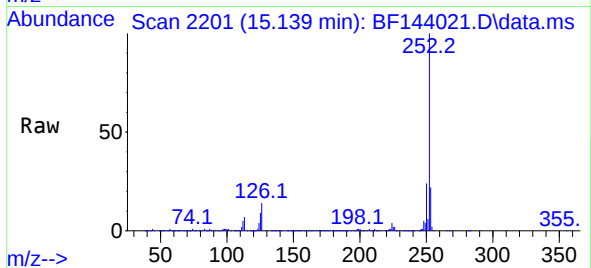
Tgt Ion:252 Resp: 726742

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.80 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144021.D

Acq: 21 Oct 2025 19:28

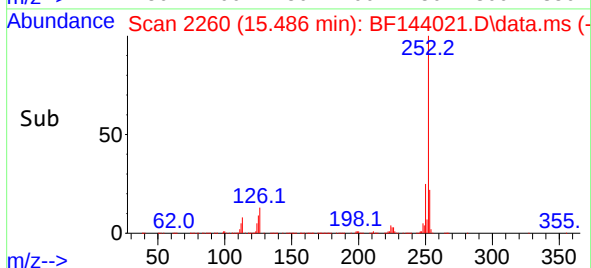
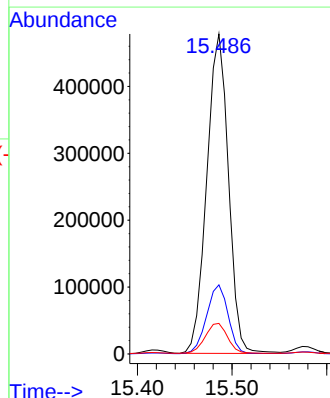
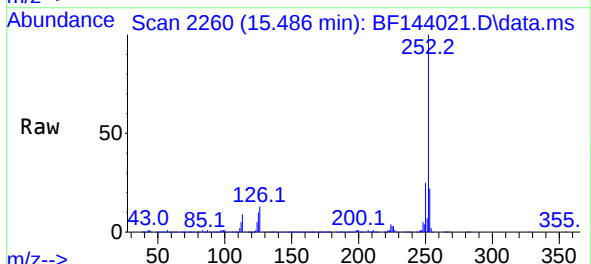
Tgt Ion:252 Resp: 758262

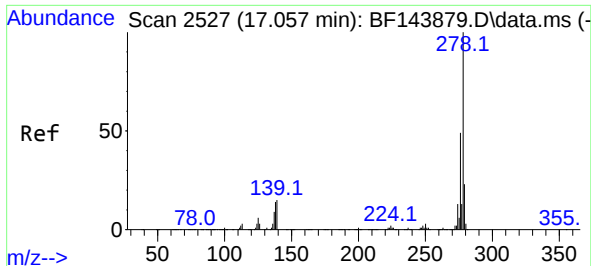
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.6 7.0 10.4

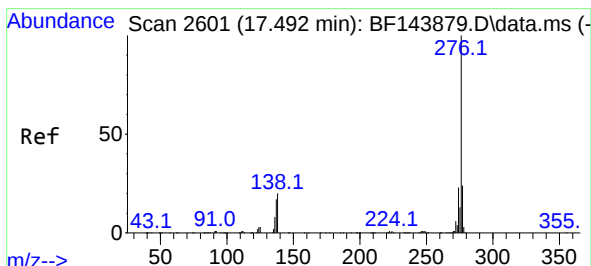
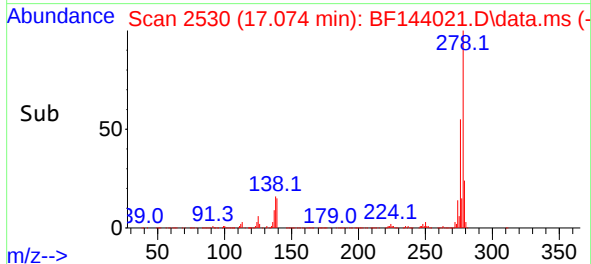
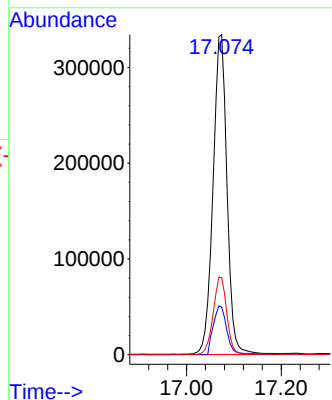
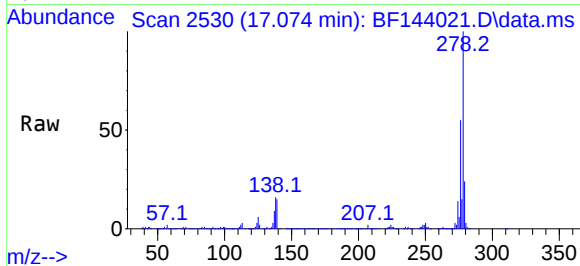




#91
Dibenzo(a,h)anthracene
Concen: 48.35 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Tgt Ion:278 Resp: 686996
Ion Ratio Lower Upper
278 100
139 14.9 11.7 17.5
279 24.1 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 46.57 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144021.D
Acq: 21 Oct 2025 19:28

Tgt Ion:276 Resp: 661800
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 21.8 16.1 24.1

