

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142031.D
 Acq On : 21 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1619-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Mar 21 16:15:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142722	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	549166	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	296676	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	462025	20.000	ng	0.00
76) Chrysene-d12	14.039	240	293121	20.000	ng	0.00
86) Perylene-d12	15.509	264	346783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	645432	75.475	ng	0.00
7) Phenol-d6	6.498	99	878141	80.652	ng	0.00
23) Nitrobenzene-d5	7.434	82	565757	57.976	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	245925	65.341	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1130639	57.958	ng	-0.01
79) Terphenyl-d14	12.980	244	997860	50.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	163669	45.678	ng	97
3) Pyridine	3.475	79	361056	41.080	ng	97
4) n-Nitrosodimethylamine	3.422	42	179073	42.741	ng	98
6) Aniline	6.534	93	348198	32.418	ng	98
8) 2-Chlorophenol	6.657	128	423398	44.642	ng	99
9) Benzaldehyde	6.422	77	107231	17.609	ng	99
10) Phenol	6.516	94	497926	43.470	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	370618	43.090	ng	97
12) 1,3-Dichlorobenzene	6.816	146	460053	44.930	ng	99
13) 1,4-Dichlorobenzene	6.892	146	469814	45.349	ng	99
14) 1,2-Dichlorobenzene	7.045	146	447030	45.811	ng	99
15) Benzyl Alcohol	7.010	79	369633	41.993	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	415555	40.020	ng	98
17) 2-Methylphenol	7.122	107	333070	44.168	ng	98
18) Hexachloroethane	7.386	117	172699	44.454	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	275813	39.423	ng	99
20) 3+4-Methylphenols	7.275	107	414714	42.935	ng	# 86
22) Acetophenone	7.281	105	623794	47.432	ng	97
24) Nitrobenzene	7.457	77	426540	43.968	ng	97
25) Isophorone	7.692	82	770436	44.664	ng	100
26) 2-Nitrophenol	7.769	139	225002	47.256	ng	99
27) 2,4-Dimethylphenol	7.804	122	353172	53.869	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	463972	42.884	ng	99
29) 2,4-Dichlorophenol	8.010	162	357862	43.976	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	401990	44.825	ng	99
31) Naphthalene	8.181	128	1217470	43.158	ng	100
32) Benzoic acid	7.875	122	83555	14.498	ng	97
33) 4-Chloroaniline	8.222	127	221621	22.255	ng	99
34) Hexachlorobutadiene	8.292	225	275770	47.153	ng	98
35) Caprolactam	8.586	113	62993	25.390	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	374829	41.292	ng	98
37) 2-Methylnaphthalene	8.869	142	778103	41.266	ng	99
38) 1-Methylnaphthalene	8.969	142	765733	42.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	467337	51.739	ng	99
41) Hexachlorocyclopentadiene	9.022	237	554563	156.878	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	266551	45.154	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	276036	46.170	ng	98
46) 1,1'-Biphenyl	9.333	154	1129914	50.125	ng	100
47) 2-Chloronaphthalene	9.357	162	767593	45.686	ng	99
48) 2-Nitroaniline	9.451	65	216289	44.460	ng	99
49) Acenaphthylene	9.775	152	1181483	47.386	ng	100
50) Dimethylphthalate	9.633	163	910616	43.831	ng	100
51) 2,6-Dinitrotoluene	9.692	165	196340	45.390	ng	95
52) Acenaphthene	9.945	154	824657	47.065	ng	100
53) 3-Nitroaniline	9.863	138	124863	28.457	ng	96
54) 2,4-Dinitrophenol	9.969	184	135711	57.254	ng	# 48
55) Dibenzofuran	10.116	168	1080780	43.168	ng	99
56) 4-Nitrophenol	10.022	139	278553	84.181	ng	97
57) 2,4-Dinitrotoluene	10.098	165	259399	45.913	ng	98
58) Fluorene	10.463	166	845984	43.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	227965	41.902	ng	99
60) Diethylphthalate	10.333	149	872987	42.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	446132	44.321	ng	97
62) 4-Nitroaniline	10.475	138	167740	39.267	ng	99
63) Azobenzene	10.610	77	829379	43.063	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	110052	39.956	ng	96
66) n-Nitrosodiphenylamine	10.569	169	713529	47.723	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	277127	47.760	ng	99
68) Hexachlorobenzene	11.010	284	311628	48.967	ng	94
69) Atrazine	11.098	200	268417	58.562	ng	99
70) Pentachlorophenol	11.198	266	318410	81.205	ng	100
71) Phenanthrene	11.422	178	1350559	54.119	ng	99
72) Anthracene	11.474	178	1205664	48.156	ng	100
73) Carbazole	11.627	167	966906	44.781	ng	100
74) Di-n-butylphthalate	11.957	149	1242662	43.374	ng	99
75) Fluoranthene	12.610	202	1358516	51.319	ng	100
77) Benzidine	12.727	184	244105	59.689	ng	99
78) Pyrene	12.839	202	1309840	51.659	ng	99
80) Butylbenzylphthalate	13.457	149	416759	41.994	ng	97
81) Benzo(a)anthracene	14.027	228	1012789	52.654	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	179128	32.226	ng	98
83) Chrysene	14.063	228	894586	51.308	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	574599	41.993	ng	100
85) Di-n-octyl phthalate	14.627	149	955796	50.202	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1097223	48.911	ng	97
88) Benzo(b)fluoranthene	15.080	252	1086548	45.717	ng	99
89) Benzo(k)fluoranthene	15.110	252	961182	47.258	ng	99
90) Benzo(a)pyrene	15.451	252	996975	53.610	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	852575	46.063	ng	98
92) Benzo(g,h,i)perylene	17.451	276	841679	46.017	ng	98

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

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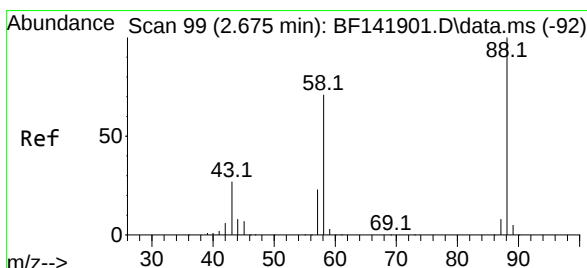
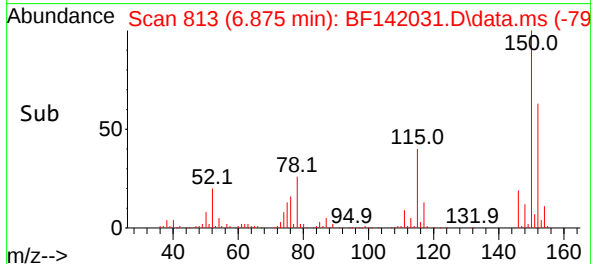
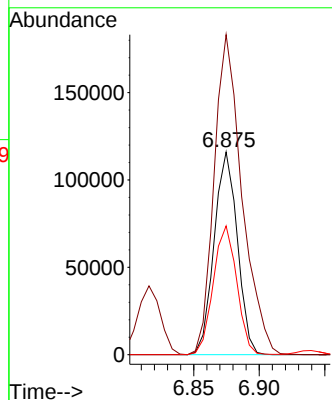
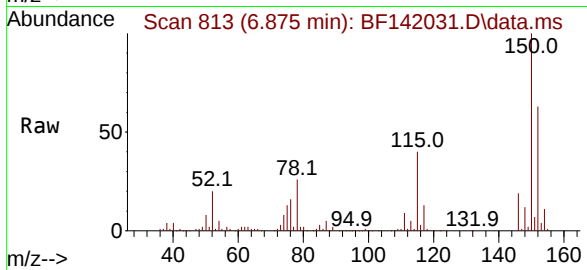




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

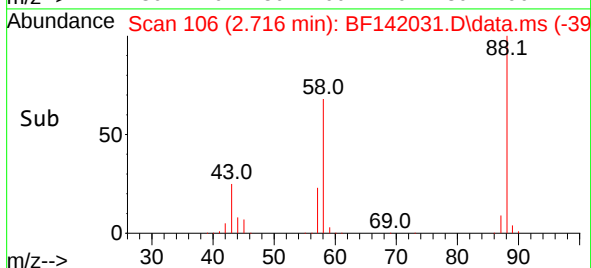
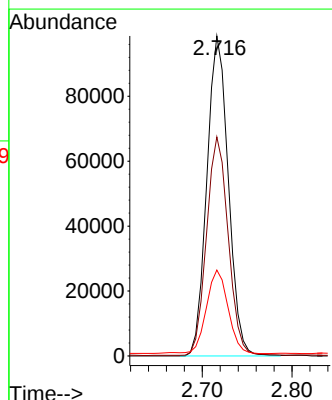
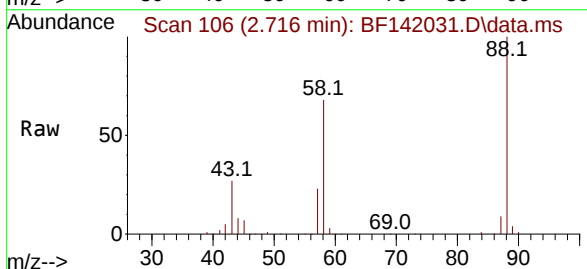
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

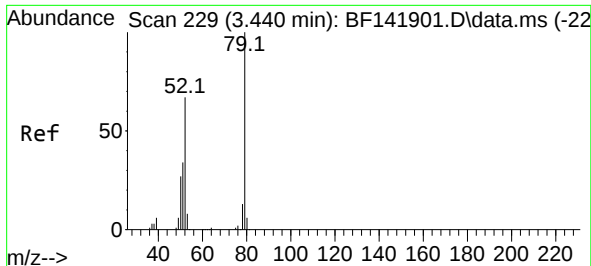
Tgt Ion:152 Resp: 142722
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.4 191.2
 115 63.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 45.678 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.041 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

Tgt Ion: 88 Resp: 163669
 Ion Ratio Lower Upper
 88 100
 58 68.7 57.4 86.2
 43 26.5 21.5 32.3





#3

Pyridine

Concen: 41.080 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

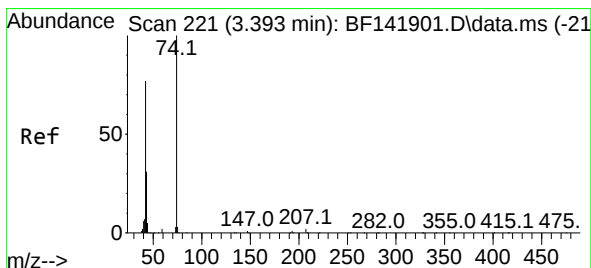
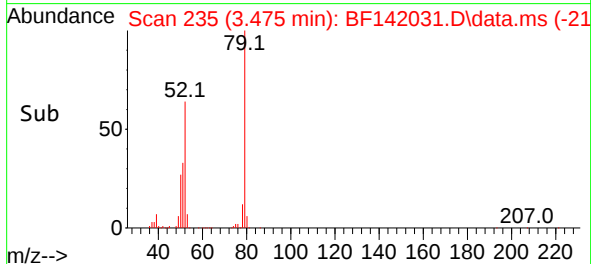
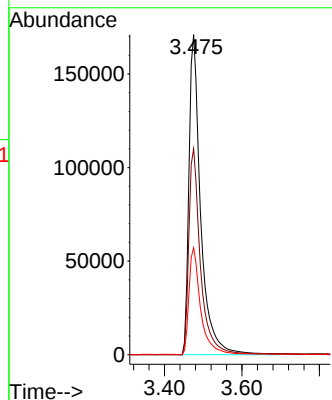
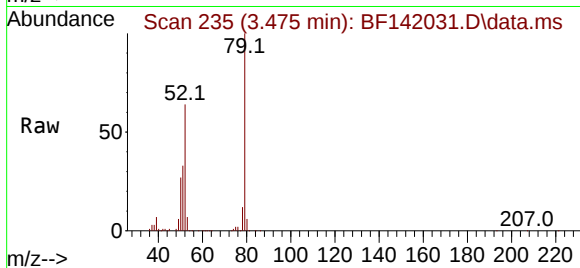
Tgt Ion: 79 Resp: 361056

Ion Ratio Lower Upper

79 100

52 64.3 53.3 79.9

51 33.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 42.741 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.029 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

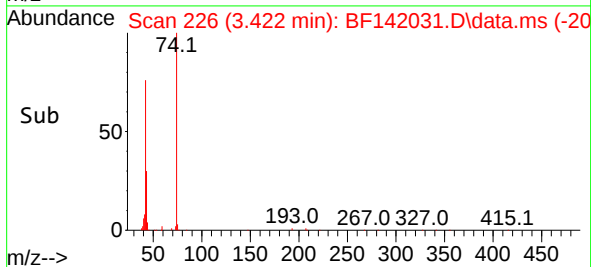
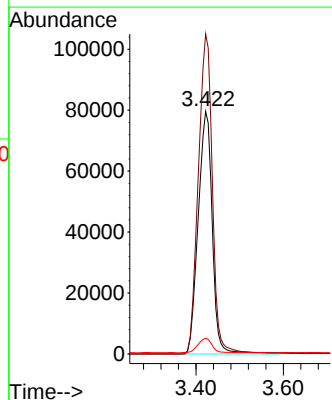
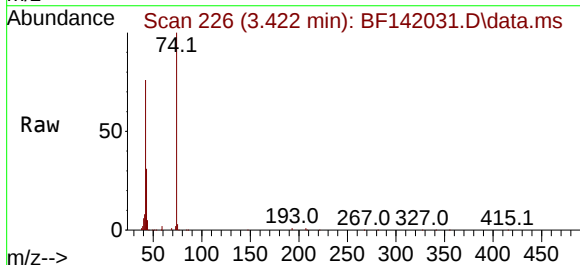
Tgt Ion: 42 Resp: 179073

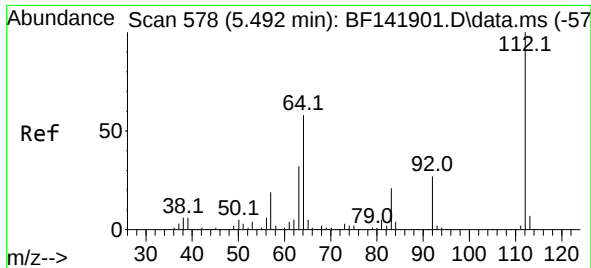
Ion Ratio Lower Upper

42 100

74 131.9 103.4 155.0

44 6.5 5.0 7.4

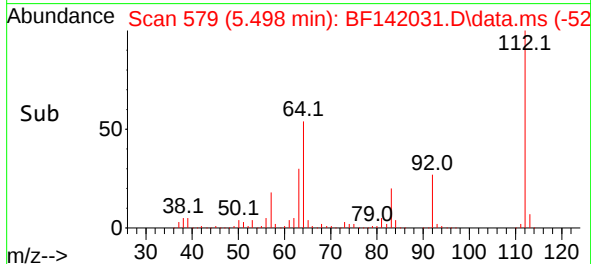
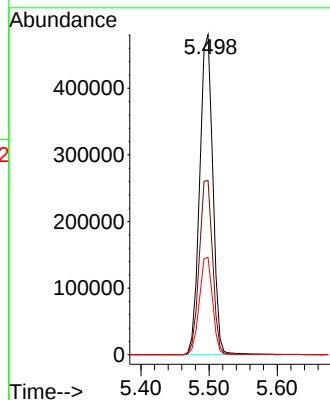
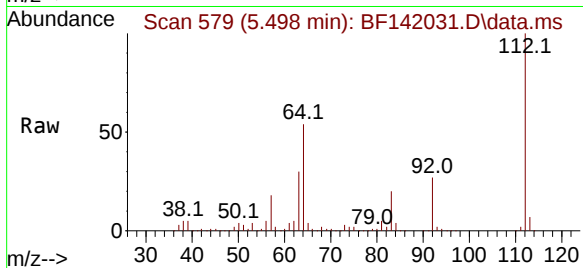




#5
2-Fluorophenol
Concen: 75.475 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

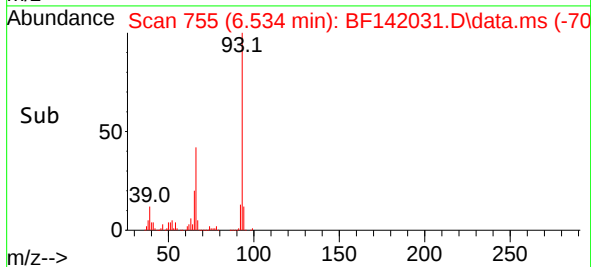
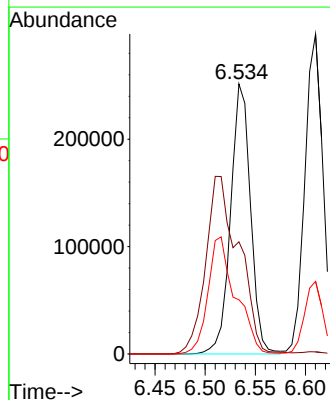
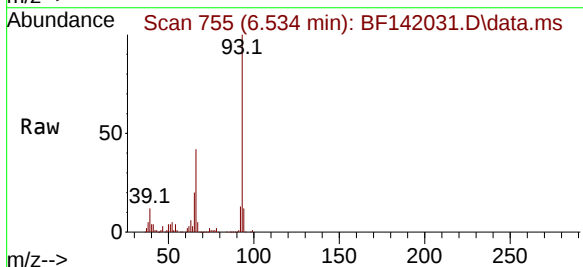
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 645432
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.4 25.4 38.2



#6
Aniline
Concen: 32.418 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 93 Resp: 348198
Ion Ratio Lower Upper
93 100
66 41.6 31.9 47.9
65 20.1 15.8 23.6

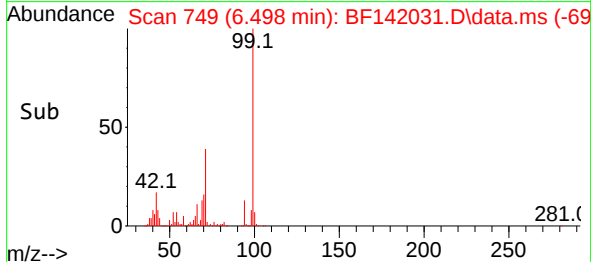
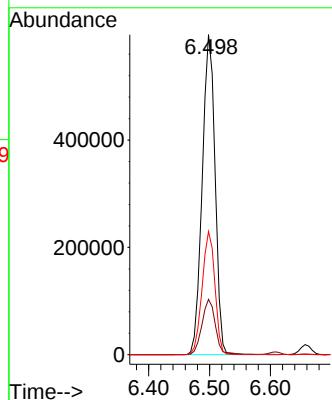
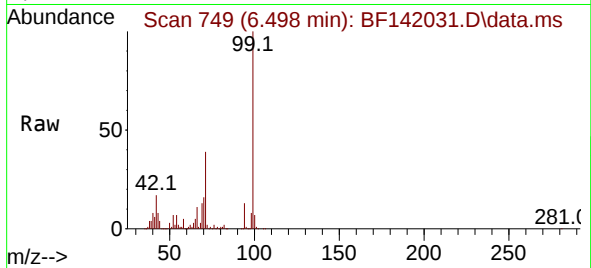




#7
Phenol-d6
Concen: 80.652 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

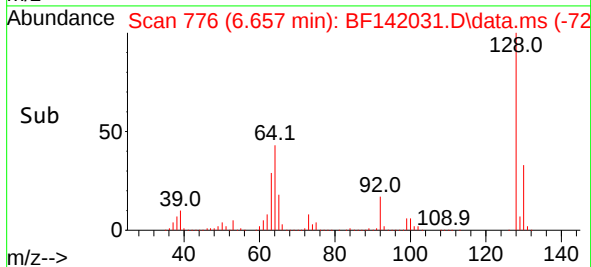
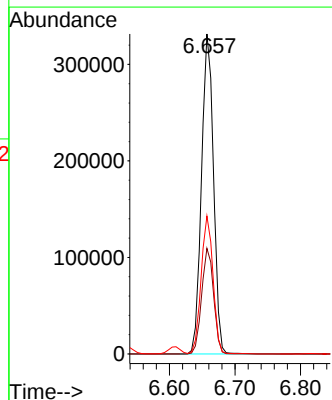
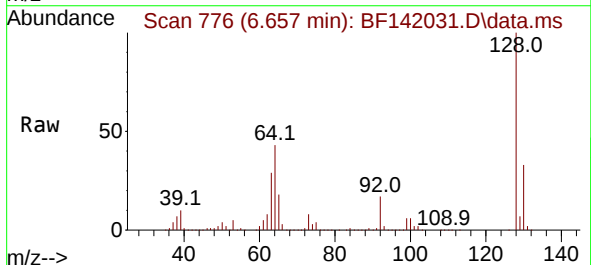
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 99 Resp: 878141
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.5 30.8 46.2



#8
2-Chlorophenol
Concen: 44.642 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:128 Resp: 423398
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.1 24.4 64.4

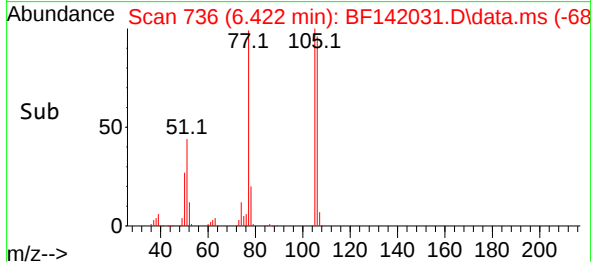
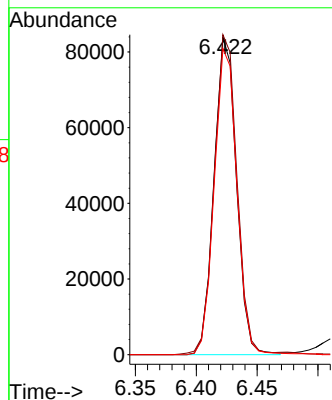
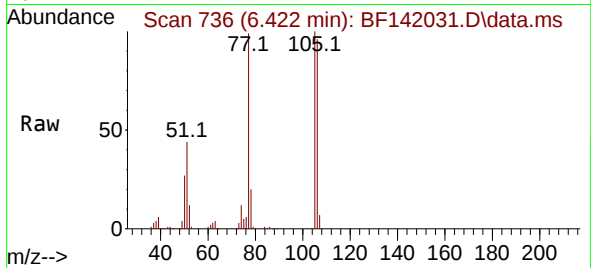




#9
Benzaldehyde
Concen: 17.609 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142031.D
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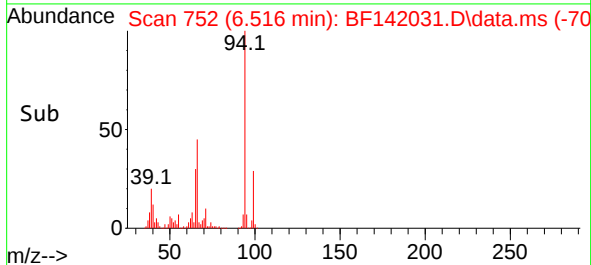
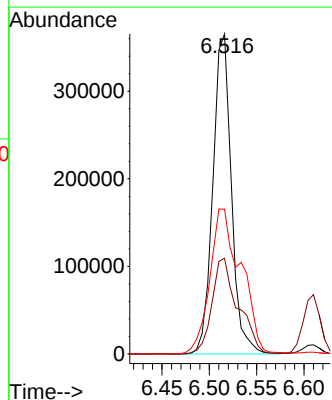
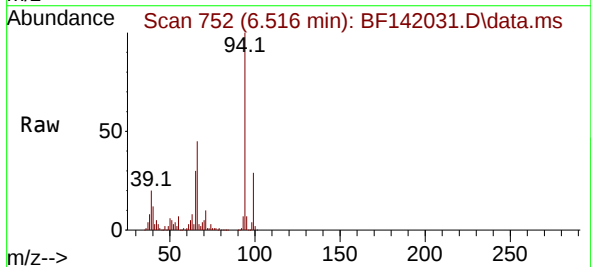
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ClientSampleId :
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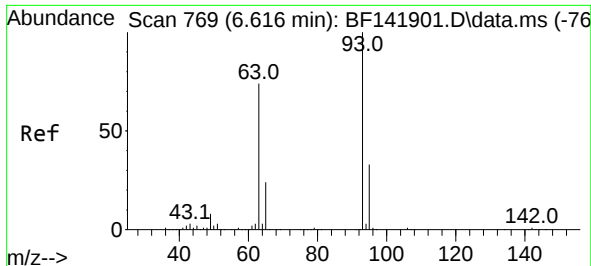
Tgt Ion: 77 Resp: 107231
Ion Ratio Lower Upper
77 100
105 100.8 80.0 120.0
106 96.4 74.5 114.5



#10
Phenol
Concen: 43.470 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 94 Resp: 497926
Ion Ratio Lower Upper
94 100
65 29.9 10.5 50.5
66 45.2 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 43.090 ng

RT: 6.610 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

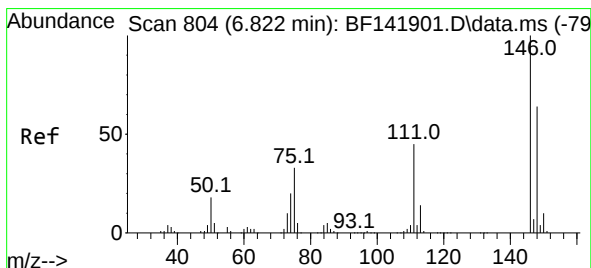
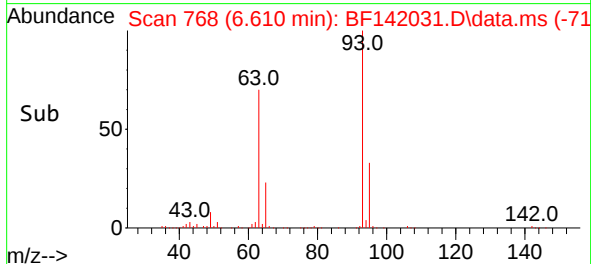
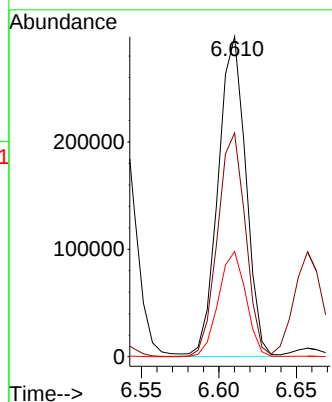
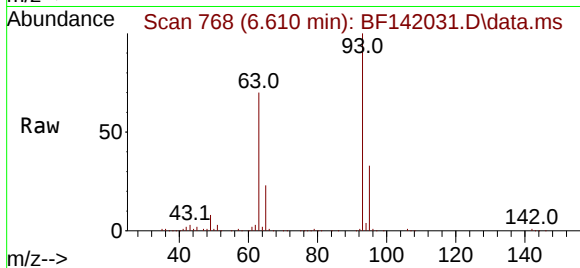
Tgt Ion: 93 Resp: 370618

Ion Ratio Lower Upper

93 100

63 69.9 53.0 93.0

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.930 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

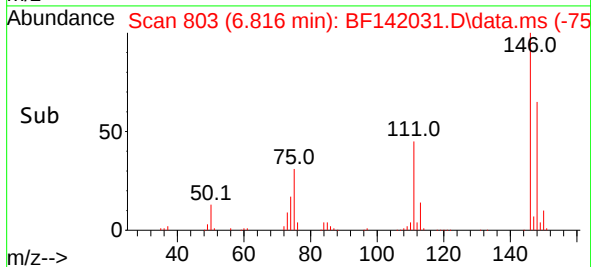
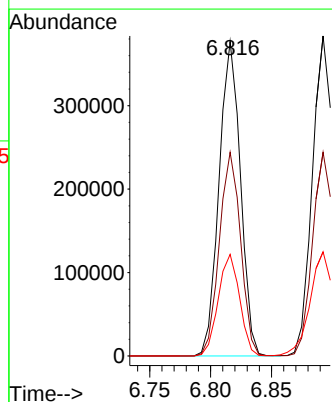
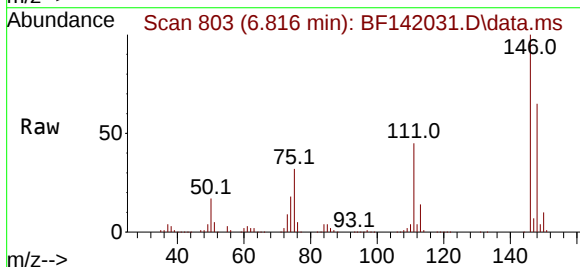
Tgt Ion:146 Resp: 460053

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

75 32.3 26.6 40.0

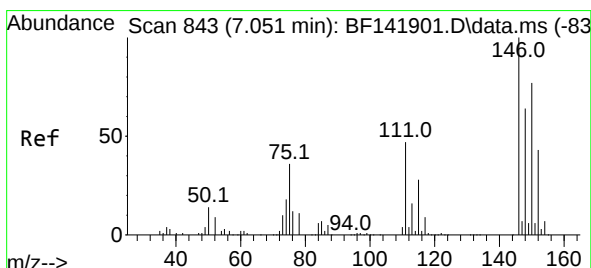
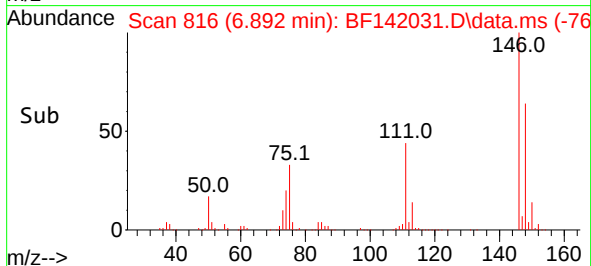
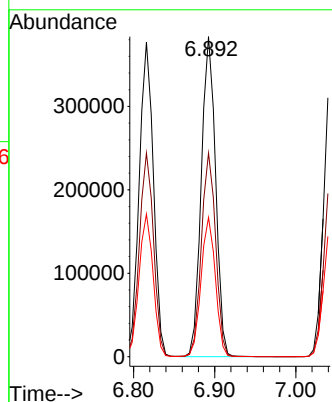
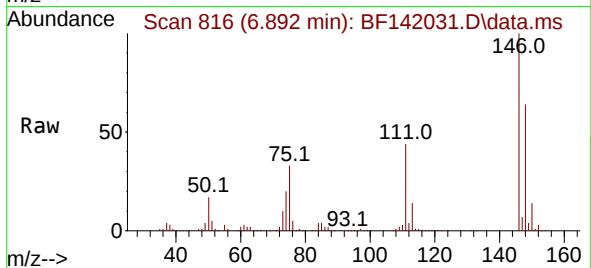




#13
1,4-Dichlorobenzene
Concen: 45.349 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

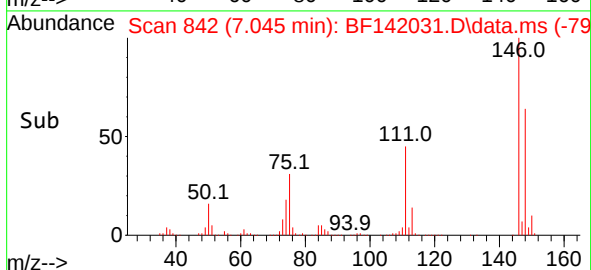
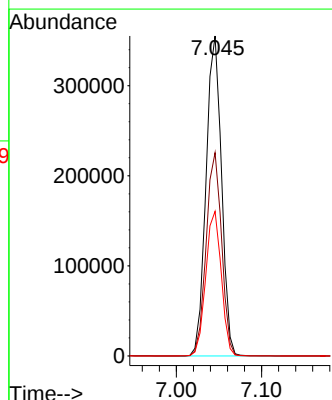
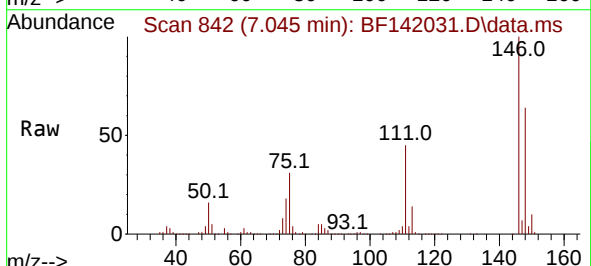
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:146 Resp: 469814
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.5 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 45.811 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:146 Resp: 447030
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 45.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.993 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

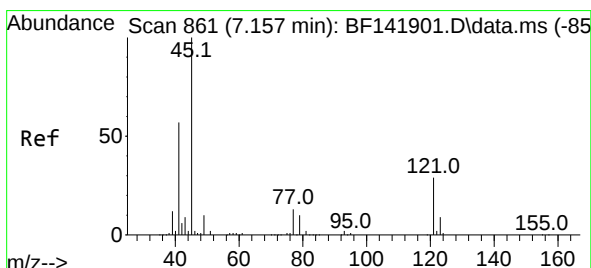
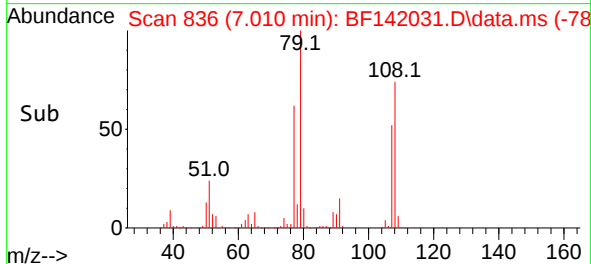
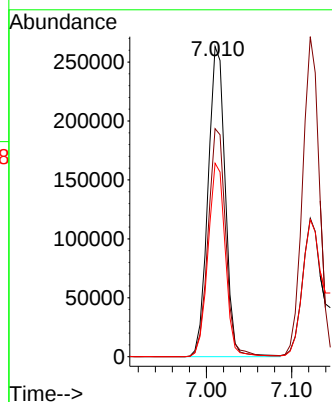
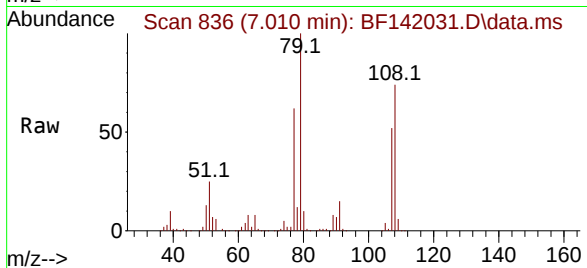
Tgt Ion: 79 Resp: 369633

Ion Ratio Lower Upper

79 100

108 73.6 59.7 89.5

77 62.4 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.020 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

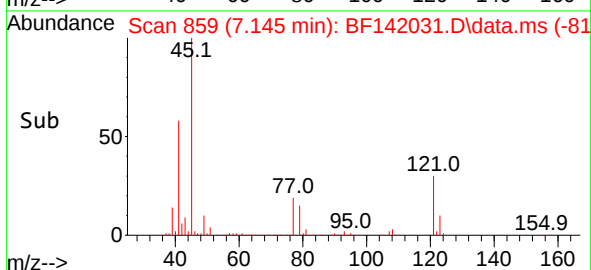
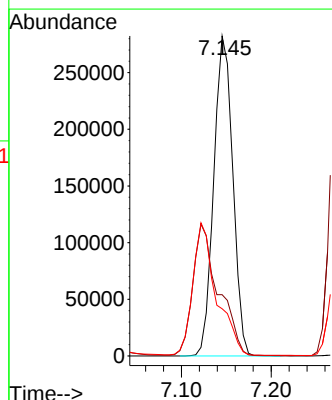
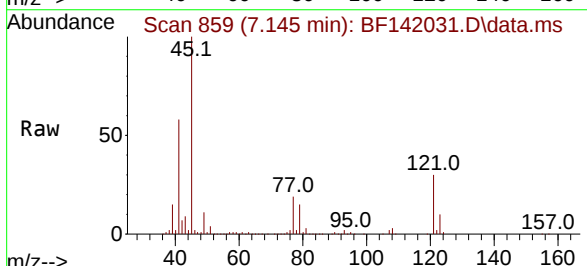
Tgt Ion: 45 Resp: 415555

Ion Ratio Lower Upper

45 100

77 19.2 0.0 37.8

79 14.7 0.0 34.2



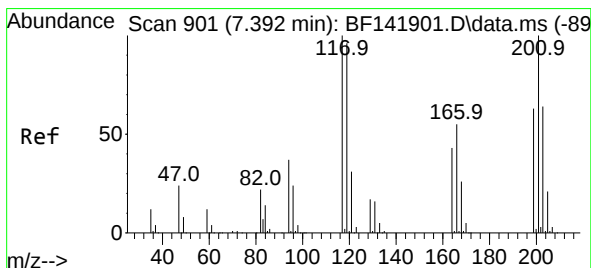
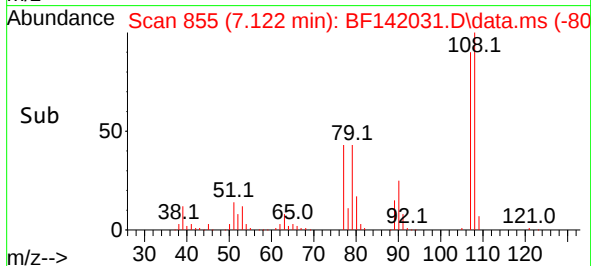
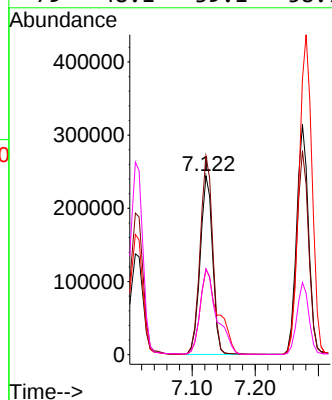
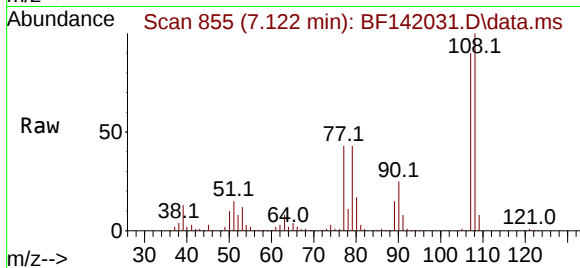


#17
2-Methylphenol
Concen: 44.168 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:107 Resp: 333070

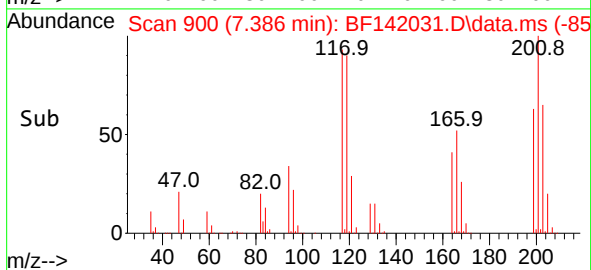
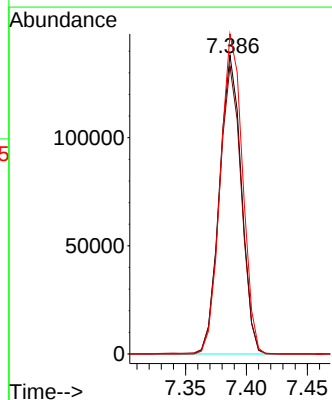
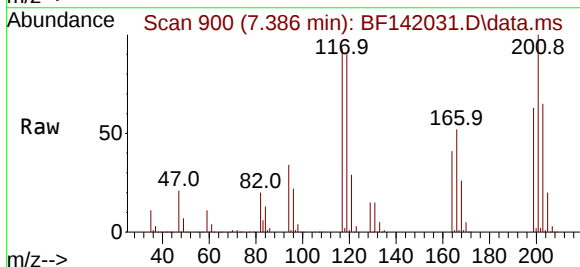
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.2	135.2
77	47.6	39.6	59.4
79	48.1	39.1	58.7

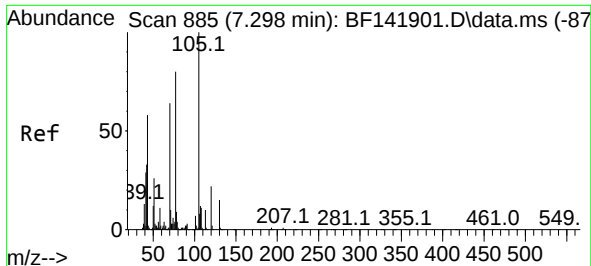


#18
Hexachloroethane
Concen: 44.454 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:117 Resp: 172699

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	107.1	79.9	119.9

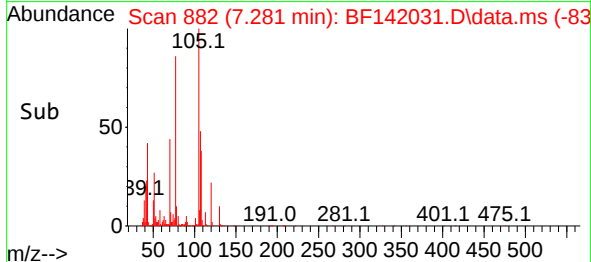
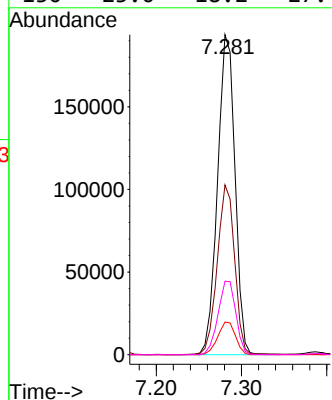
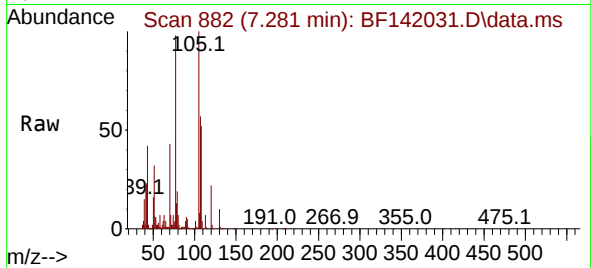




#19
n-Nitroso-di-n-propylamine
Concen: 39.423 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

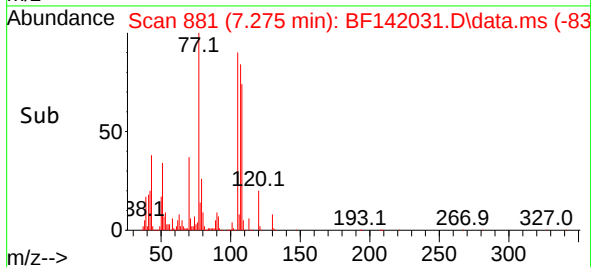
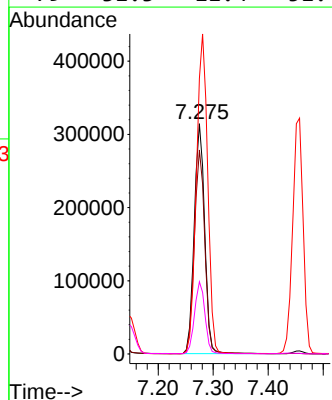
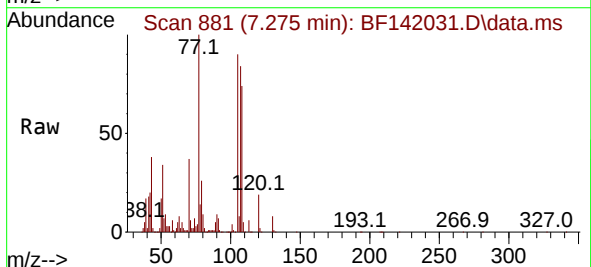
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 70 Resp: 275813
Ion Ratio Lower Upper
70 100
42 53.0 41.4 62.0
101 10.2 8.2 12.2
130 23.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 42.935 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:107 Resp: 414714
Ion Ratio Lower Upper
107 100
108 88.6 68.4 108.4
77 119.6 69.7 109.7#
79 31.3 11.4 51.4

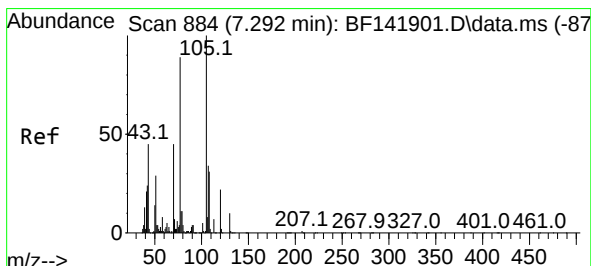
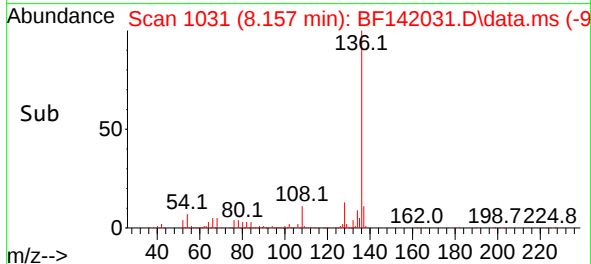
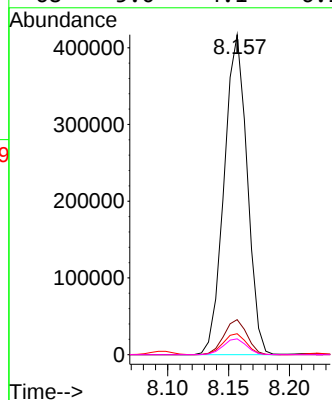
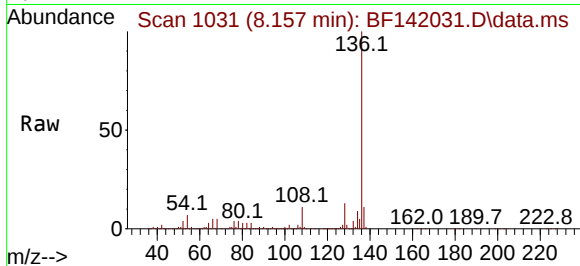




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

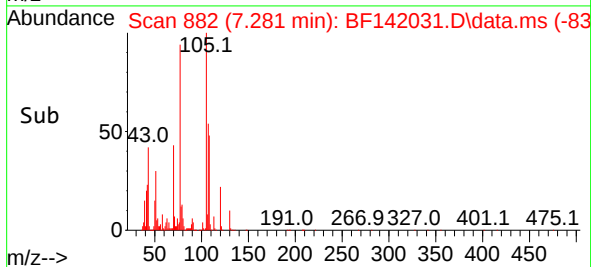
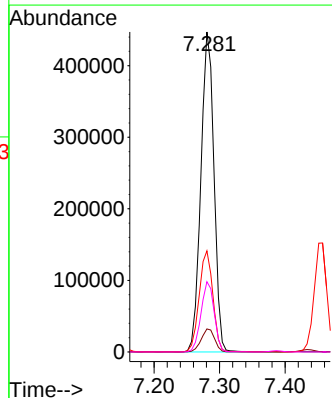
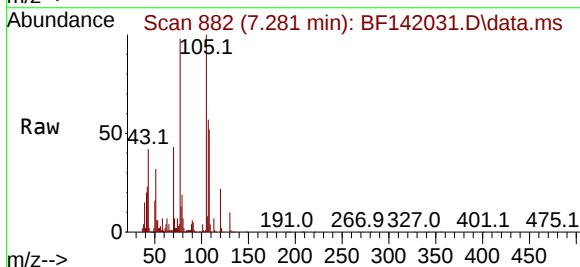
Instrument :
BNA_F
ClientSampleId :
TP-3MS

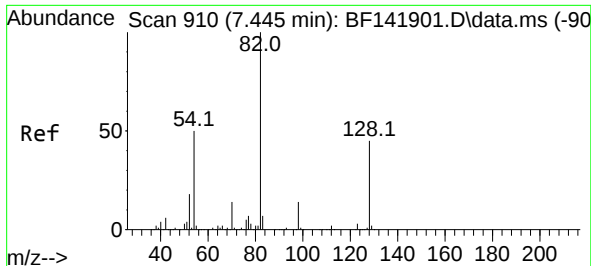
Tgt	Ion:136	Resp:	549166
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 47.432 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt	Ion:105	Resp:	623794
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.8
51	31.6	23.4	35.0
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 57.976 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

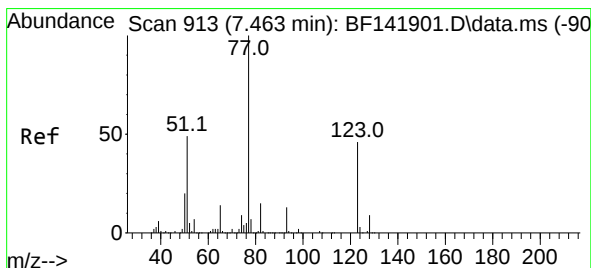
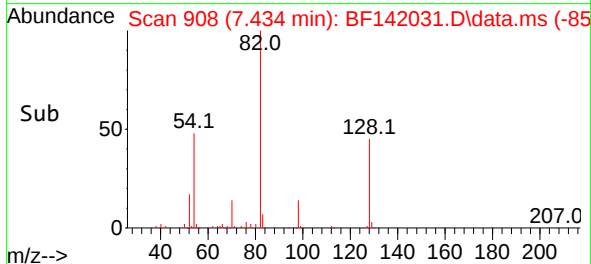
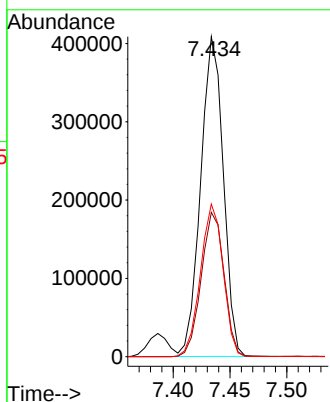
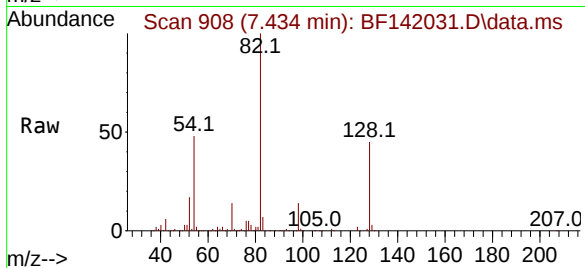
Tgt Ion: 82 Resp: 565757

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

54 47.7 39.6 59.4



#24

Nitrobenzene

Concen: 43.968 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

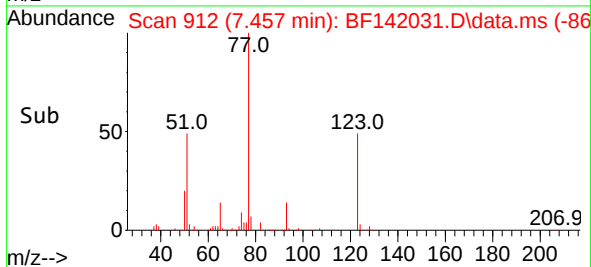
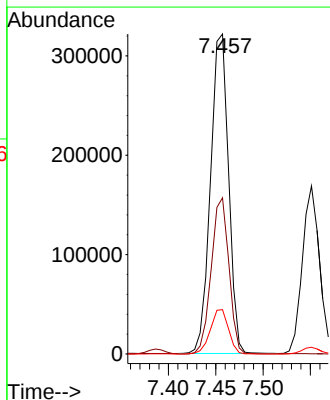
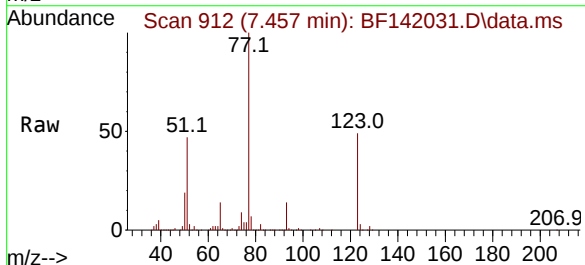
Tgt Ion: 77 Resp: 426540

Ion Ratio Lower Upper

77 100

123 48.8 37.0 55.4

65 13.9 11.3 16.9

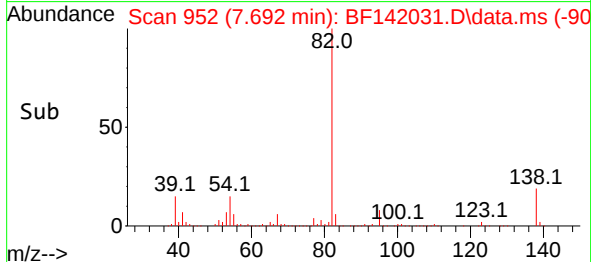
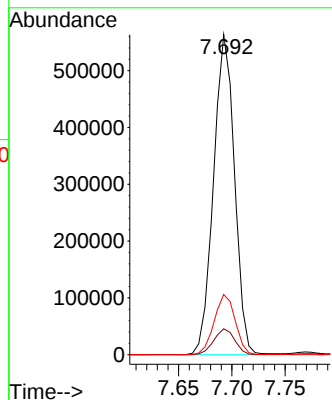
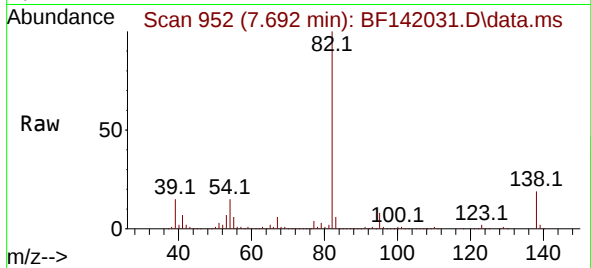




#25
Isophorone
Concen: 44.664 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

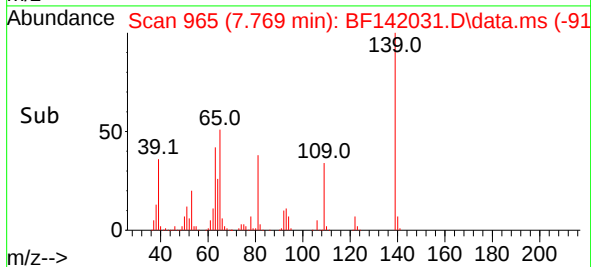
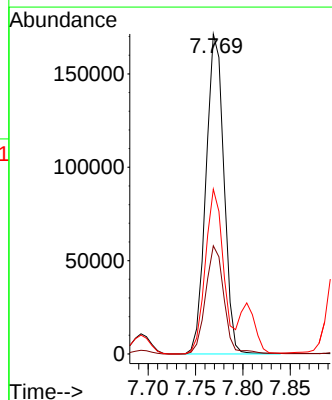
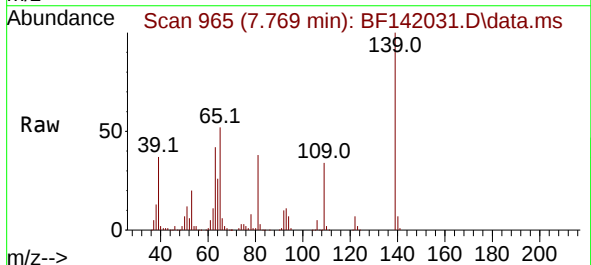
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 82 Resp: 770436
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 47.256 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:139 Resp: 225002
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 51.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 53.869 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

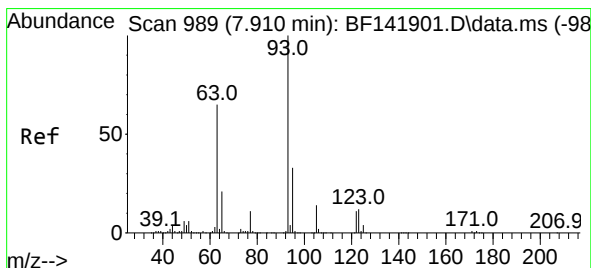
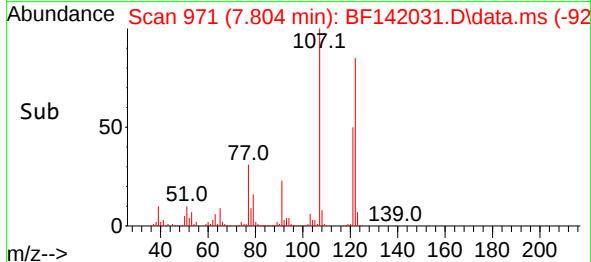
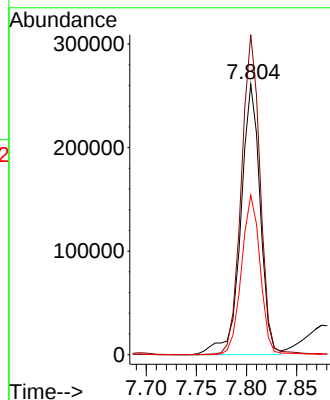
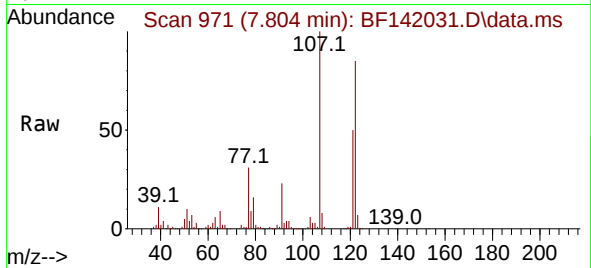
Tgt Ion:122 Resp: 353172

Ion Ratio Lower Upper

122 100

107 118.3 94.8 142.2

121 59.0 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.884 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

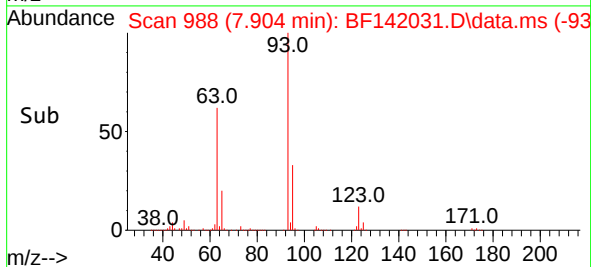
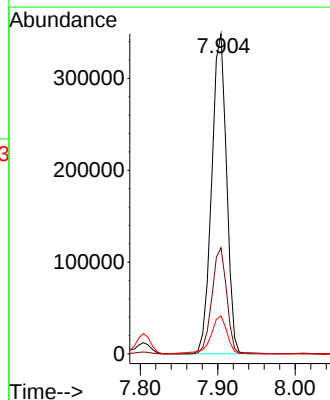
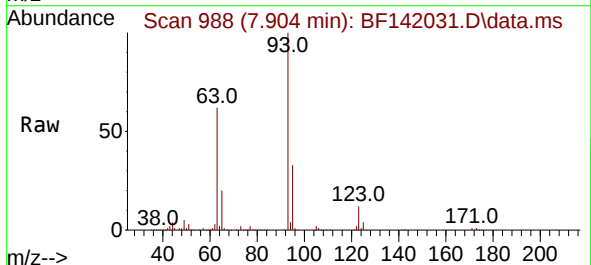
Tgt Ion: 93 Resp: 463972

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

123 11.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.976 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

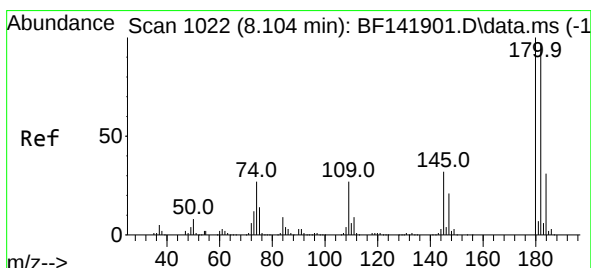
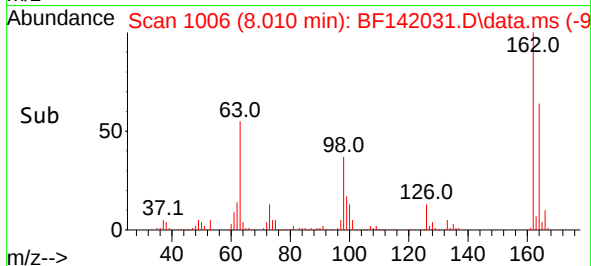
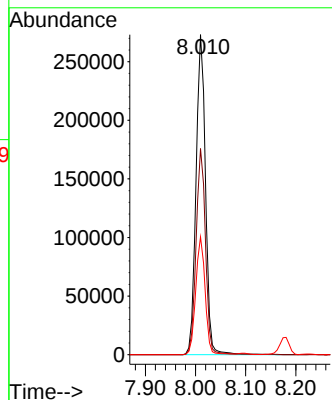
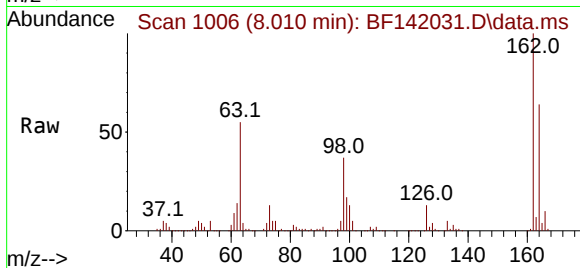
Tgt Ion:162 Resp: 357862

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 36.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.825 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

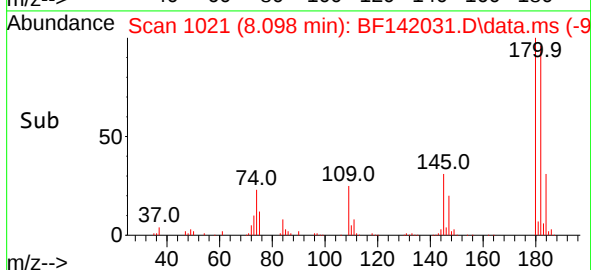
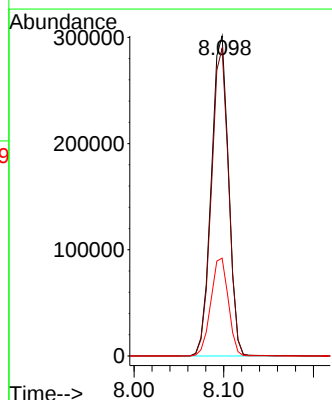
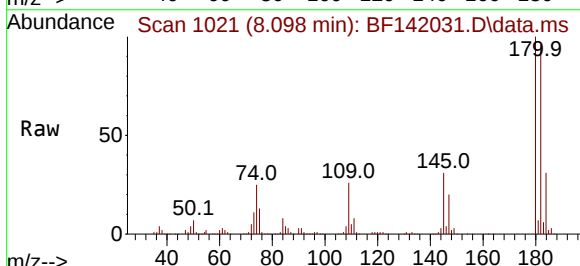
Tgt Ion:180 Resp: 401990

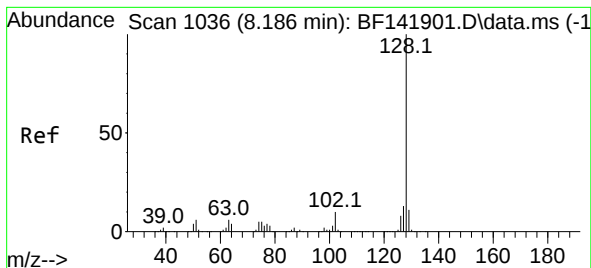
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 30.5 25.8 38.6





#31

Naphthalene

Concen: 43.158 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

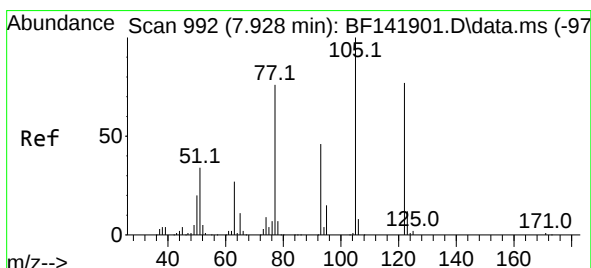
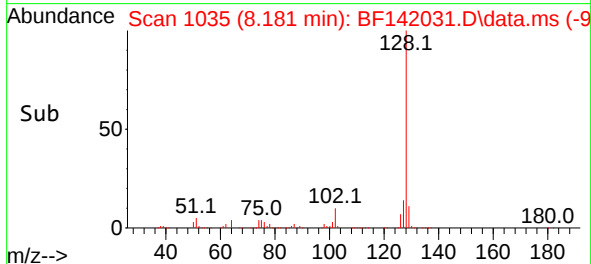
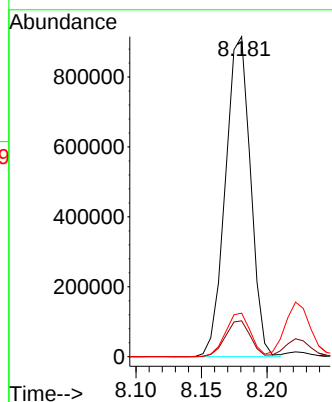
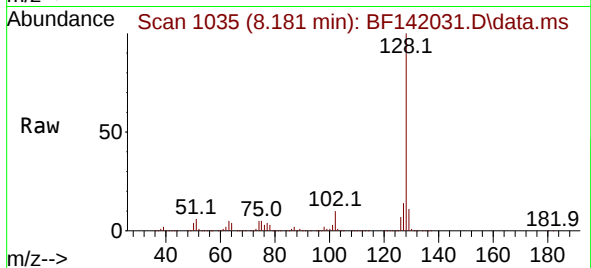
Tgt Ion:128 Resp: 1217470

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 14.498 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.053 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

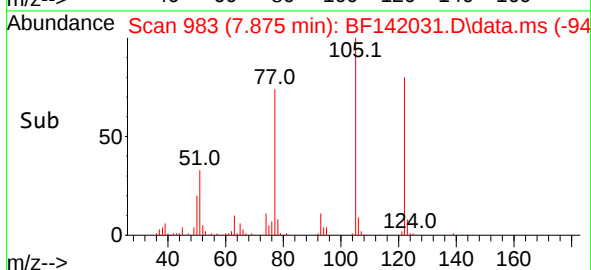
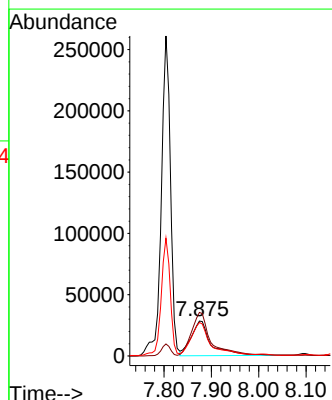
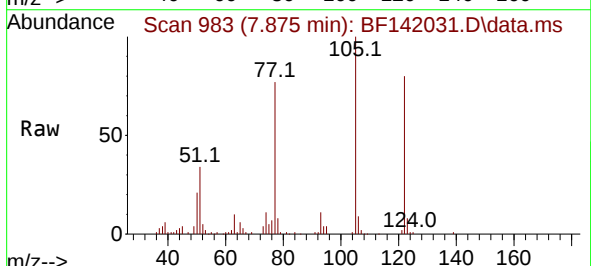
Tgt Ion:122 Resp: 83555

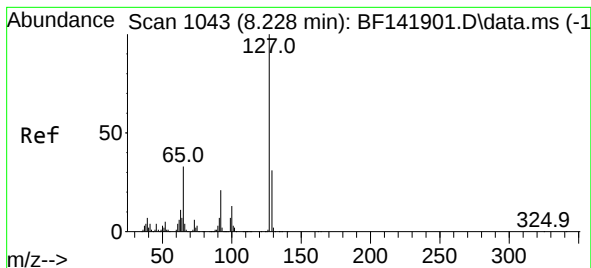
Ion Ratio Lower Upper

122 100

105 124.8 107.9 147.9

77 96.0 79.0 119.0





#33

4-Chloroaniline

Concen: 22.255 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:127 Resp: 221621

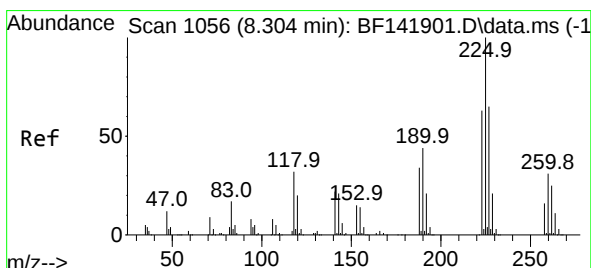
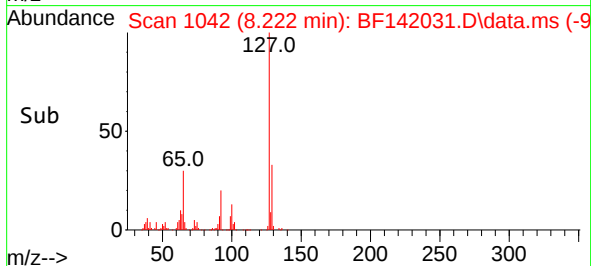
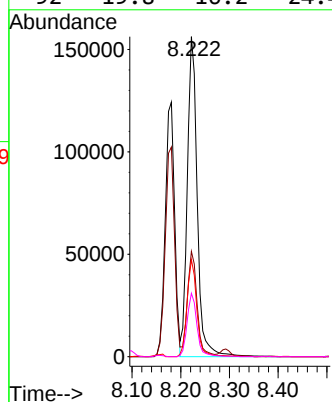
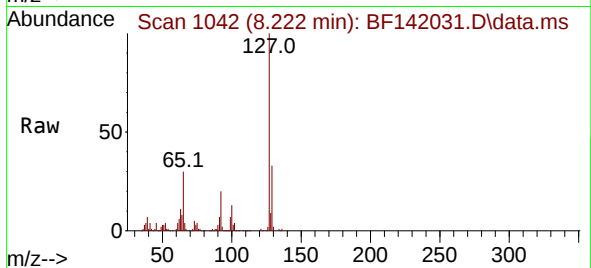
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 30.3 25.4 38.2

92 19.8 16.2 24.4



#34

Hexachlorobutadiene

Concen: 47.153 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

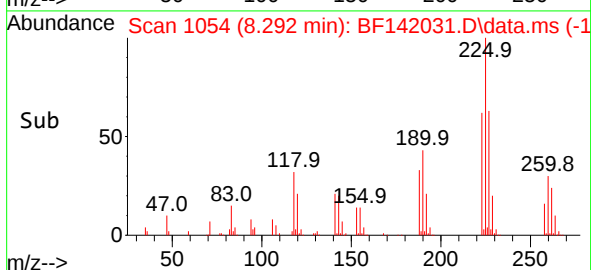
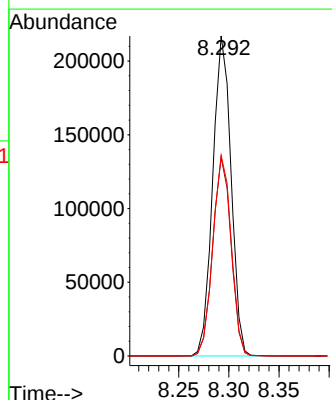
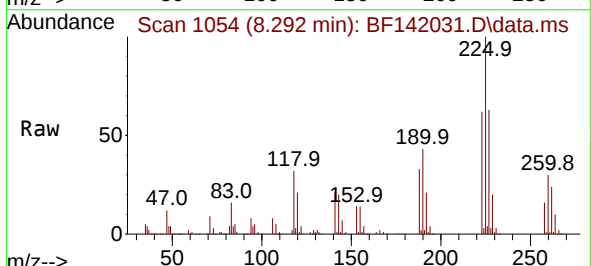
Tgt Ion:225 Resp: 275770

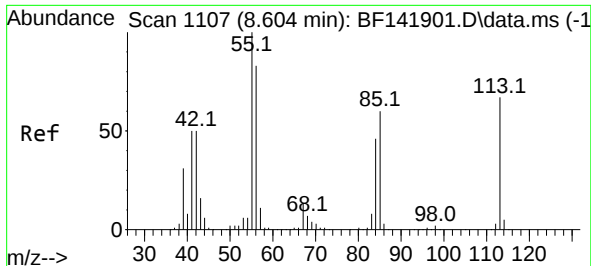
Ion Ratio Lower Upper

225 100

223 62.0 50.6 75.8

227 62.7 52.2 78.2

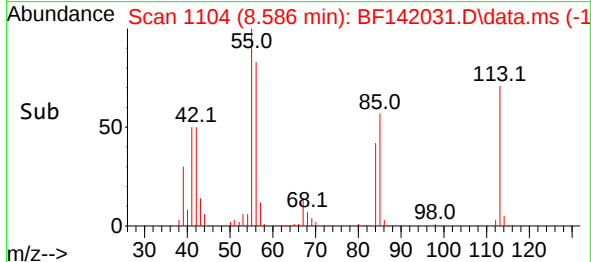
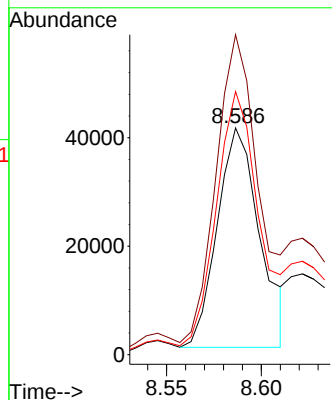
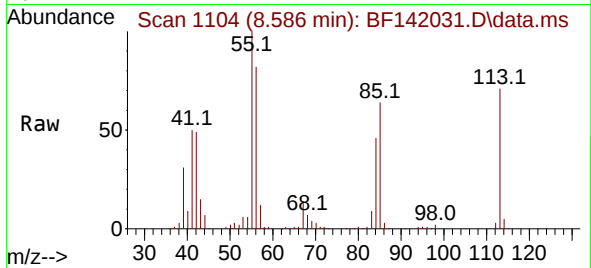




#35
 Caprolactam
 Concen: 25.390 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

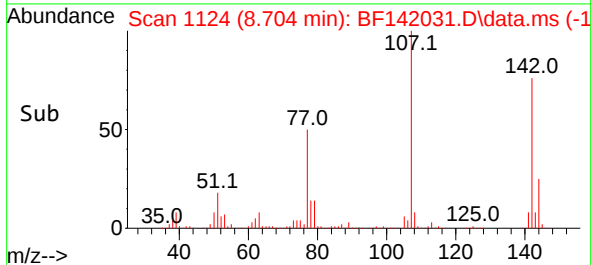
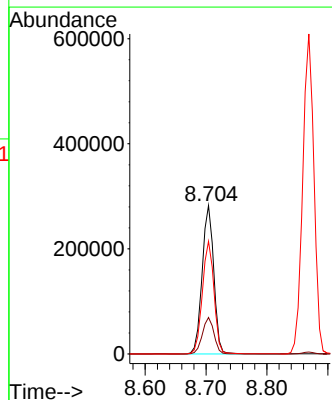
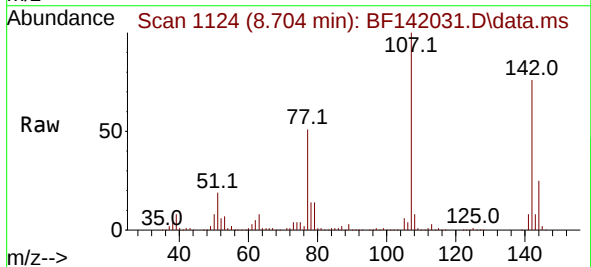
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tgt Ion:113 Resp: 62993
 Ion Ratio Lower Upper
 113 100
 55 141.2 129.6 169.6
 56 116.2 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.292 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

Tgt Ion:107 Resp: 374829
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.6
 142 75.9 59.2 88.8

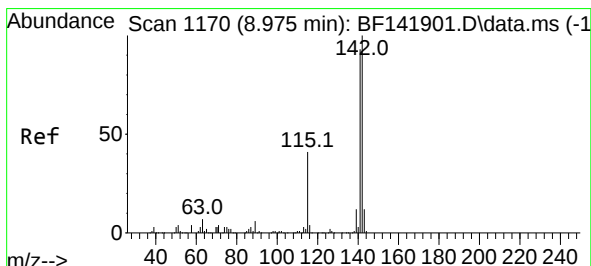
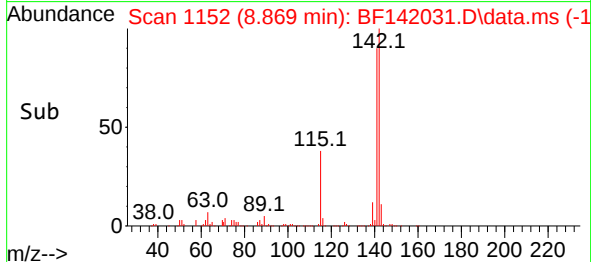
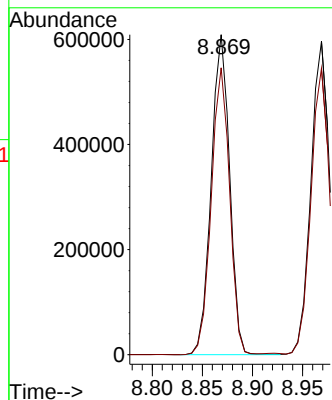
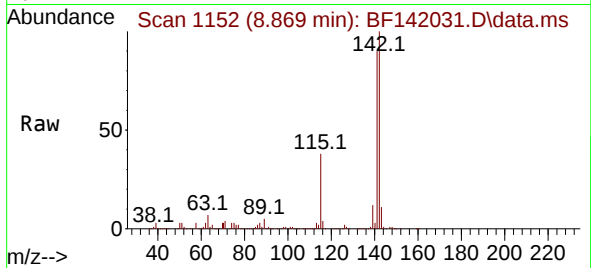




#37
2-Methylnaphthalene
Concen: 41.266 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

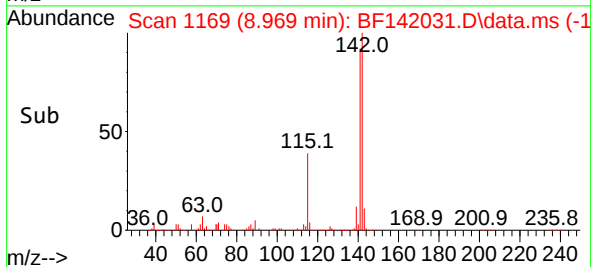
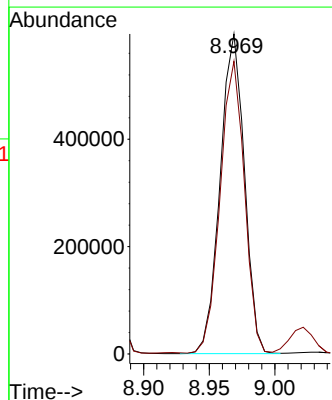
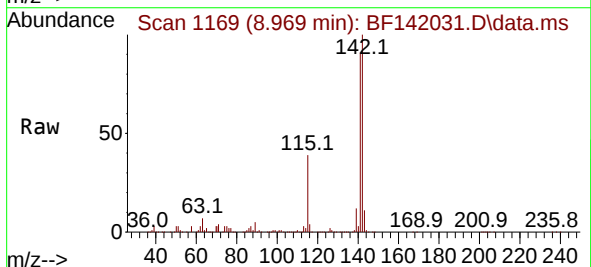
Instrument :
BNA_F
ClientSampleId :
TP-3MS

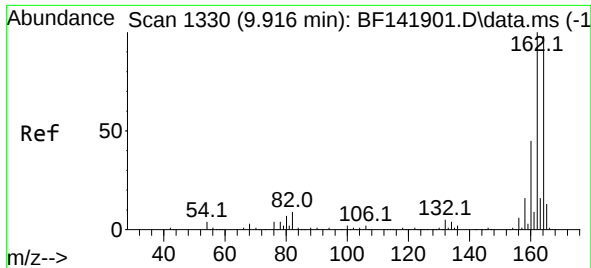
Tgt Ion:142 Resp: 778103
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.084 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:142 Resp: 765733
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

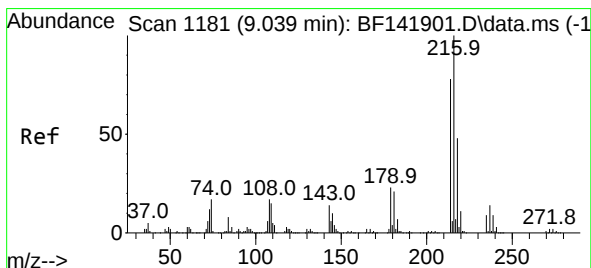
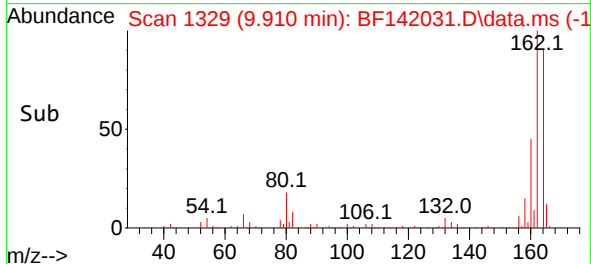
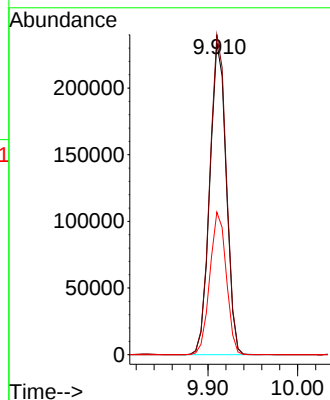
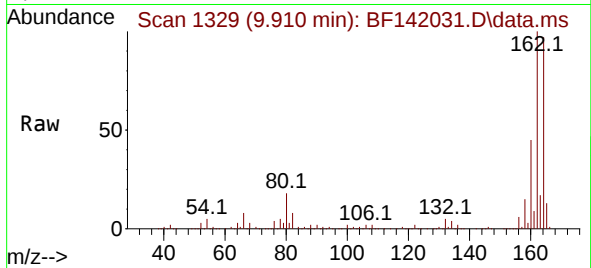




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

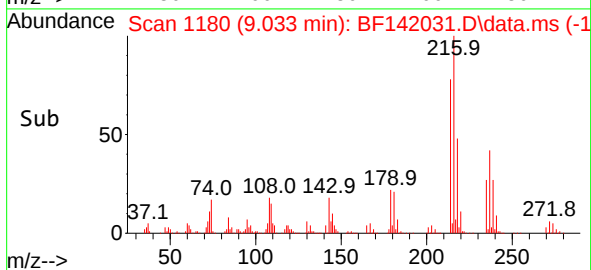
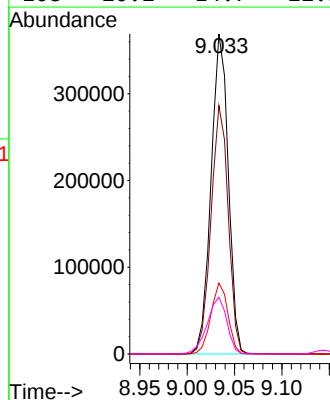
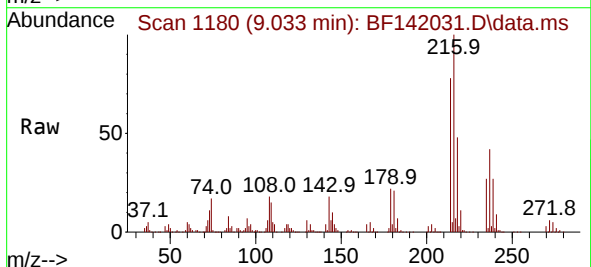
Instrument :
BNA_F
ClientSampleId :
TP-3MS

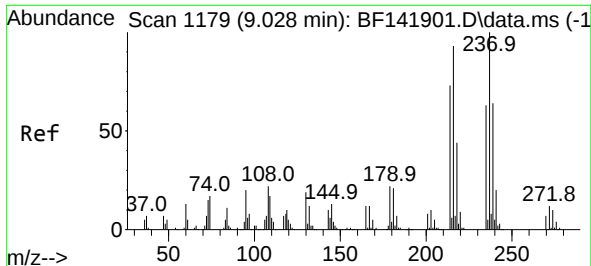
Tgt Ion:164 Resp: 296676
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.7 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.739 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:216 Resp: 467337
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 21.9 18.1 27.1
108 20.2 14.7 22.1

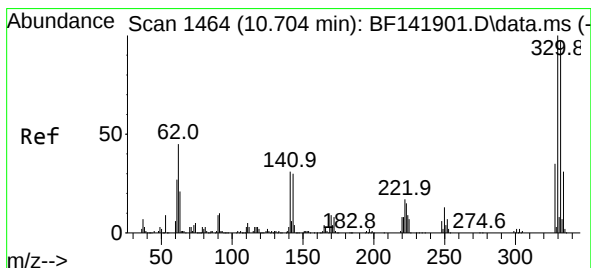
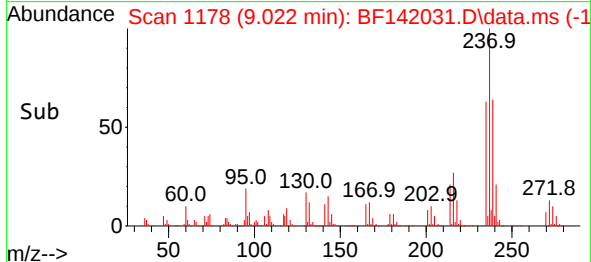
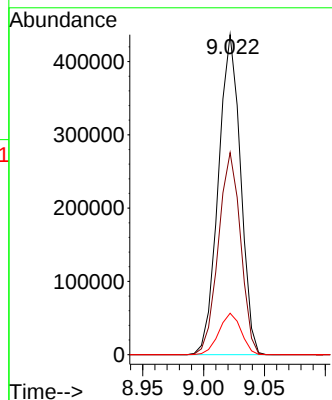
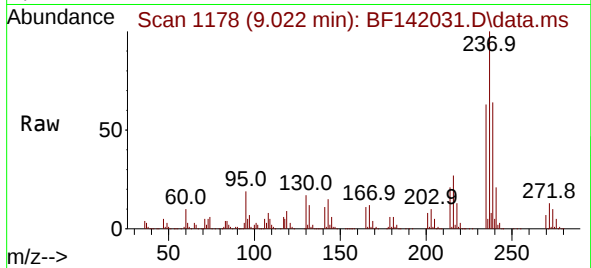




#41
Hexachlorocyclopentadiene
Concen: 156.878 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

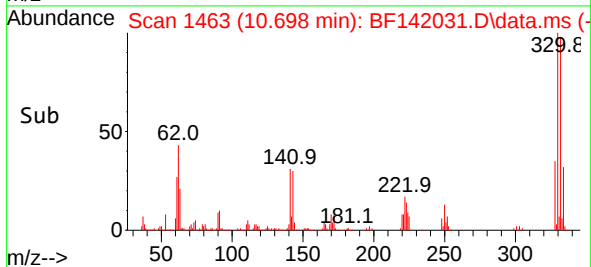
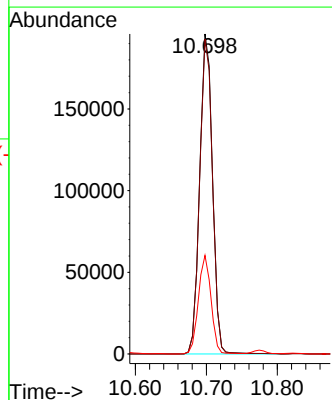
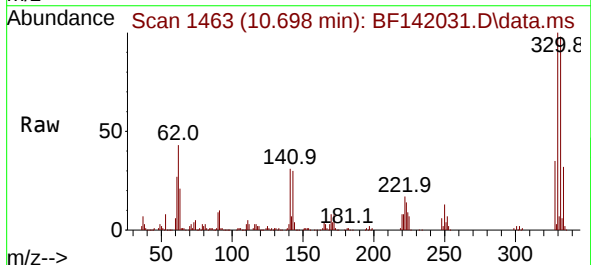
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:237 Resp: 554563
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 65.341 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:330 Resp: 245925
Ion Ratio Lower Upper
330 100
332 98.6 77.6 116.4
141 30.5 24.7 37.1

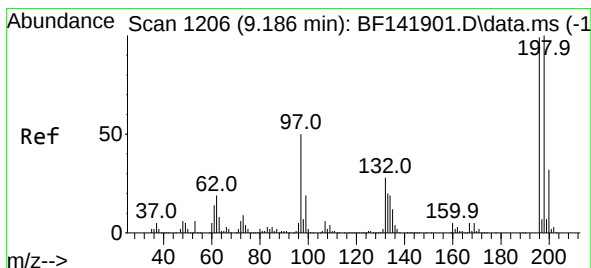
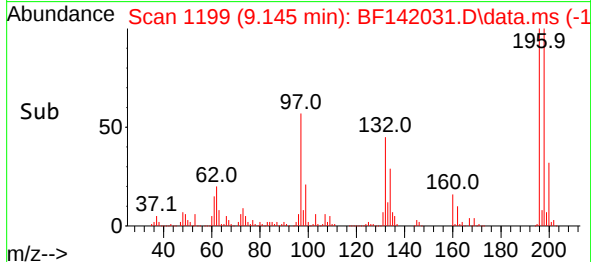
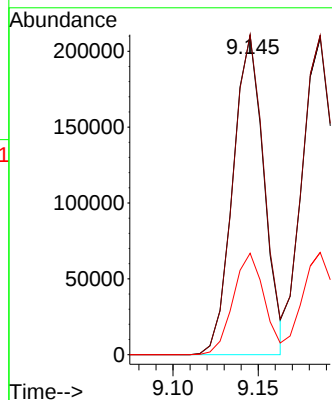
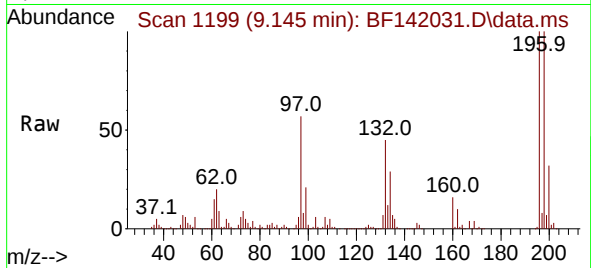




#43
2,4,6-Trichlorophenol
Concen: 45.154 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

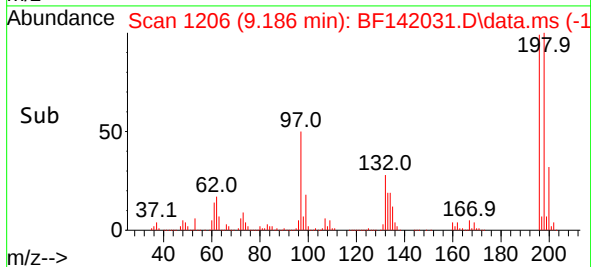
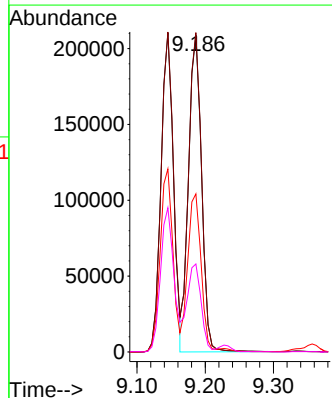
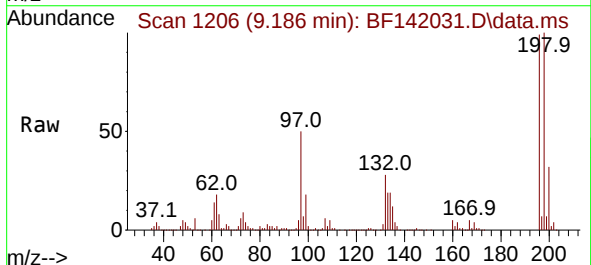
Instrument :
BNA_F
ClientSampleId :
TP-3MS

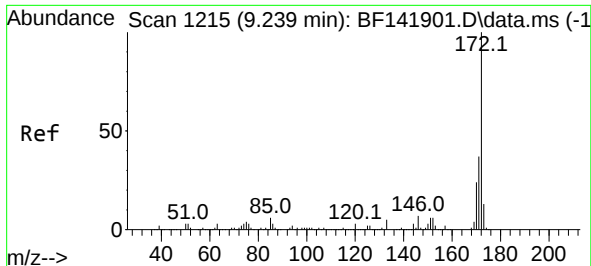
Tgt Ion:196 Resp: 266551
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 31.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 46.170 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:196 Resp: 276036
Ion Ratio Lower Upper
196 100
198 100.7 80.7 121.1
97 49.9 42.1 63.1
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 57.958 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

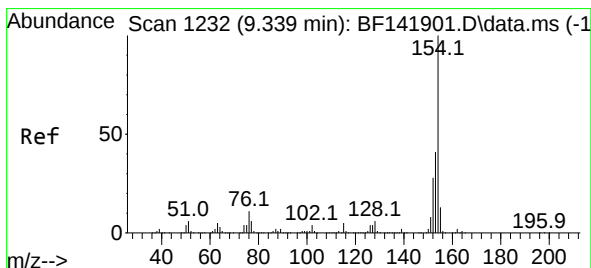
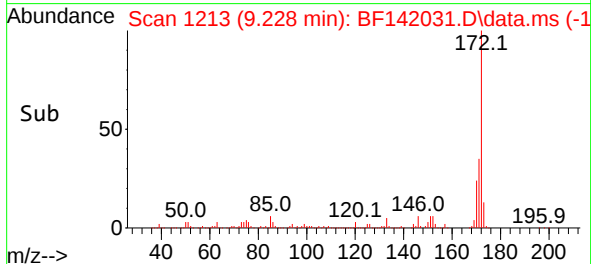
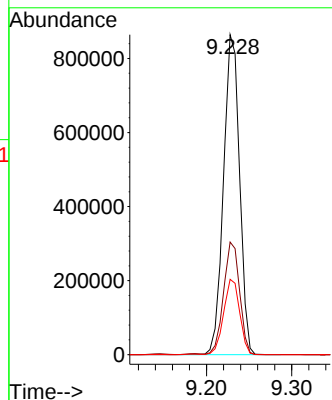
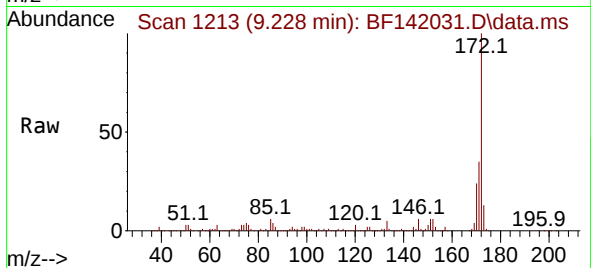
Tgt Ion:172 Resp: 1130639

Ion Ratio Lower Upper

172 100

171 35.2 29.3 43.9

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 50.125 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

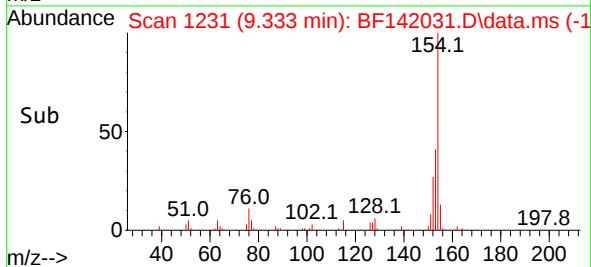
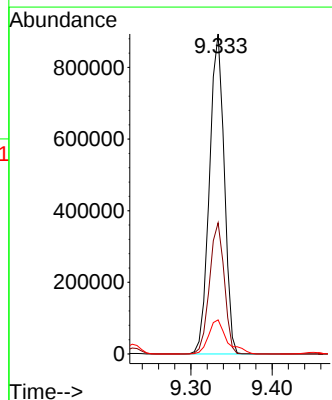
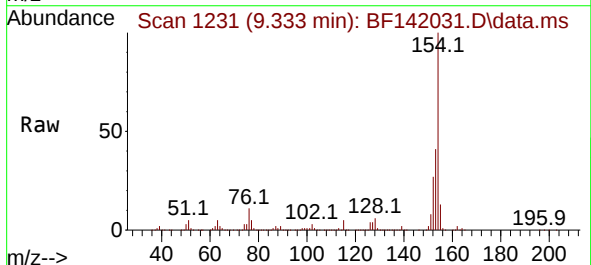
Tgt Ion:154 Resp: 1129914

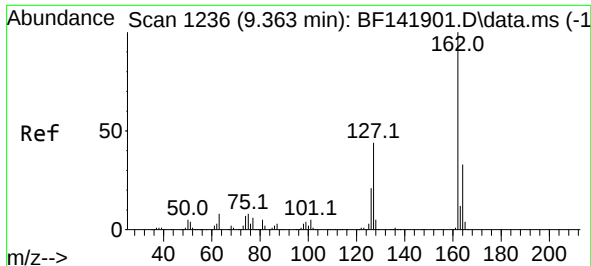
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 10.6 0.0 31.3

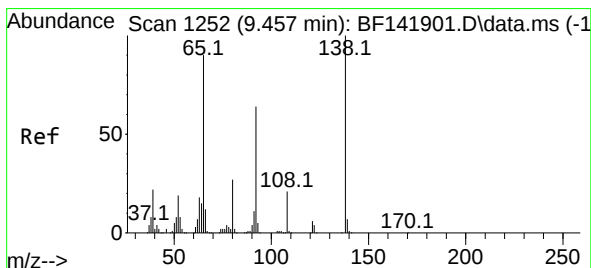
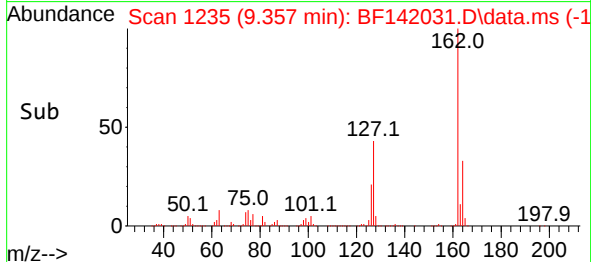
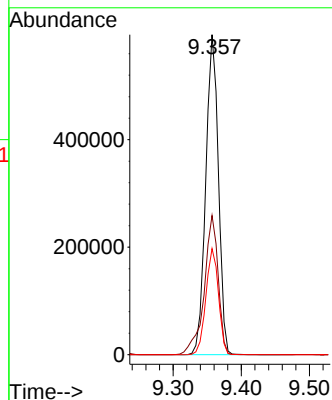
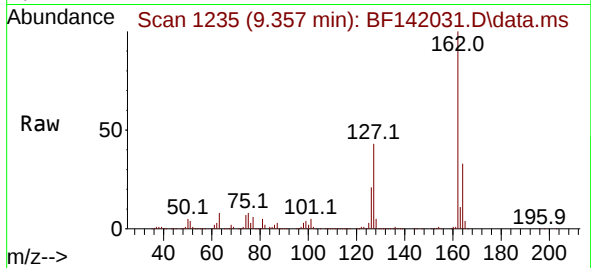




#47
2-Chloronaphthalene
Concen: 45.686 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

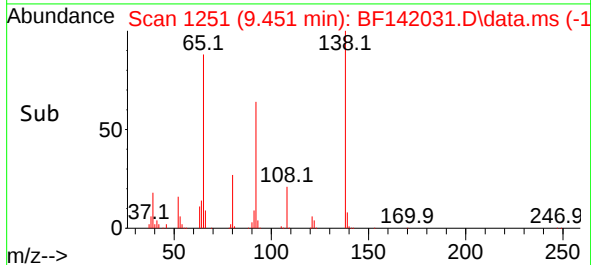
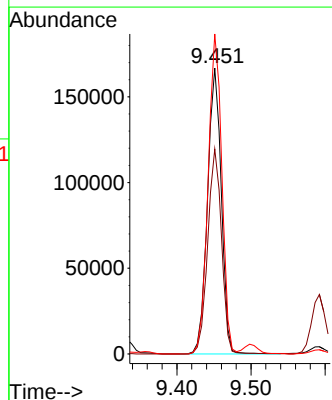
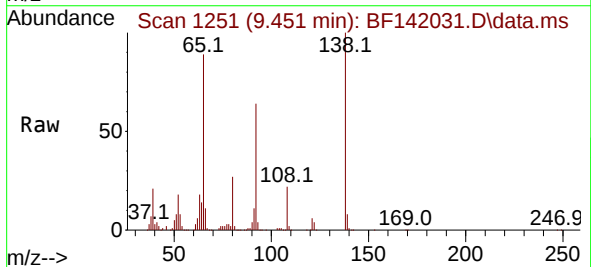
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:162 Resp: 767593
Ion Ratio Lower Upper
162 100
127 43.5 35.5 53.3
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 44.460 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 65 Resp: 216289
Ion Ratio Lower Upper
65 100
92 71.7 56.6 84.8
138 111.9 88.6 133.0





#49

Acenaphthylene

Concen: 47.386 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

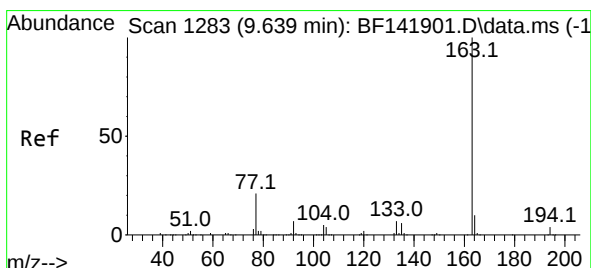
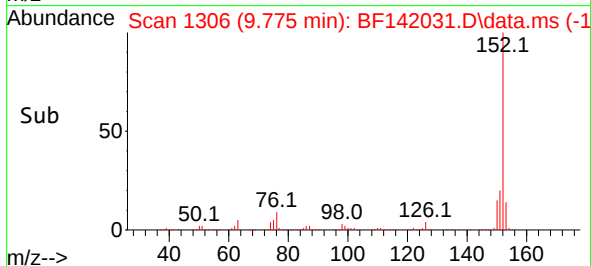
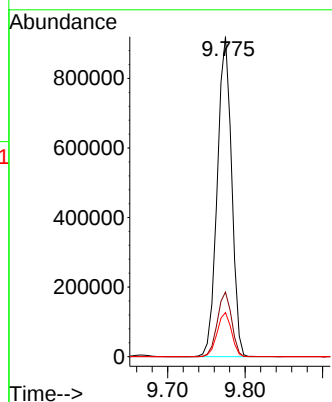
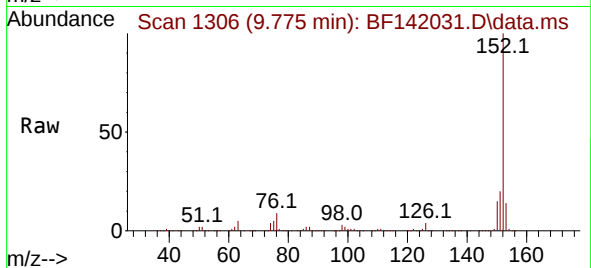
Tgt Ion:152 Resp: 1181483

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 43.831 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

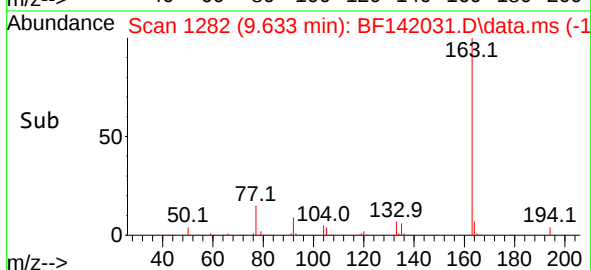
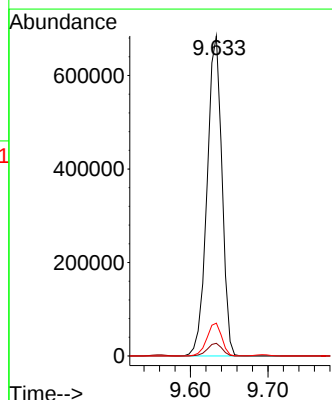
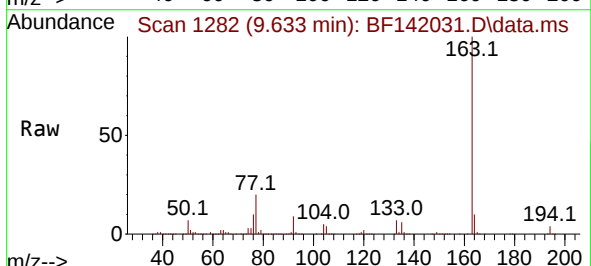
Tgt Ion:163 Resp: 910616

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4

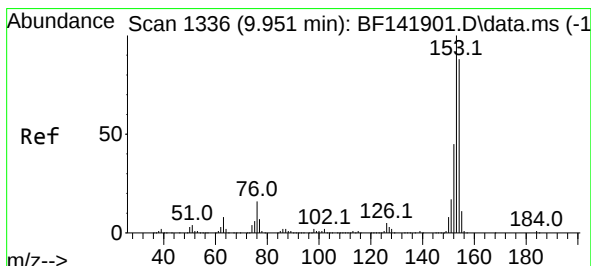
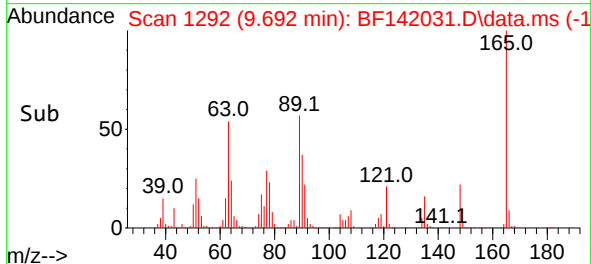
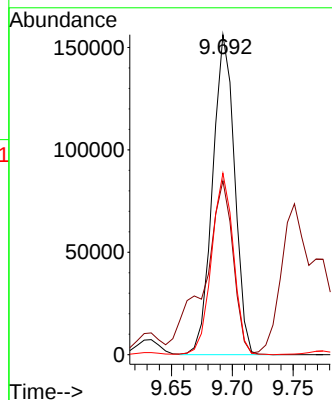
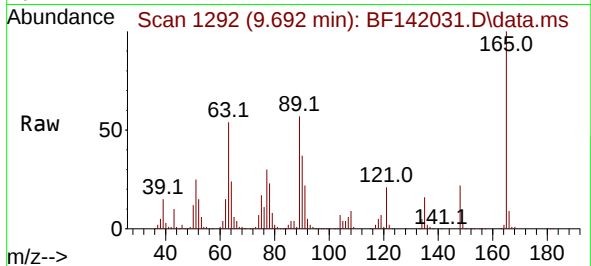




#51
2,6-Dinitrotoluene
Concen: 45.390 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

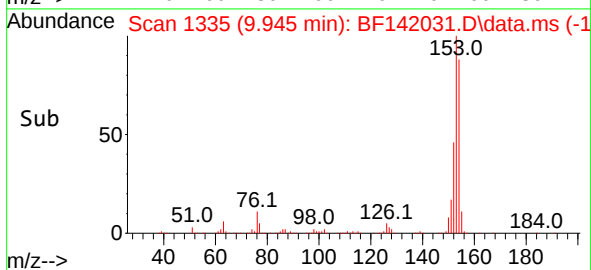
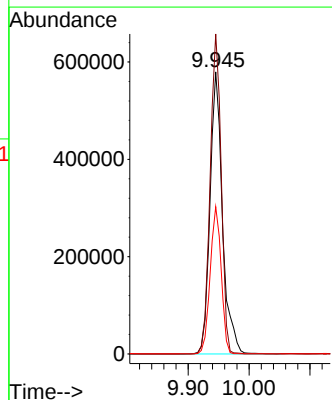
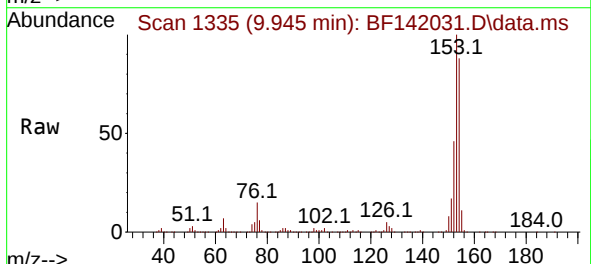
Instrument :
BNA_F
ClientSampleId :
TP-3MS

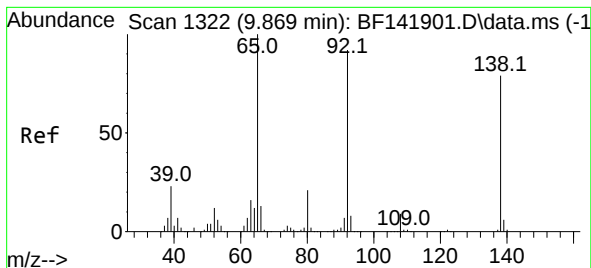
Tgt Ion:165 Resp: 196340
Ion Ratio Lower Upper
165 100
63 54.4 47.0 70.4
89 56.7 47.4 71.2



#52
Acenaphthene
Concen: 47.065 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:154 Resp: 824657
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 52.2 41.1 61.7





#53

3-Nitroaniline

Concen: 28.457 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

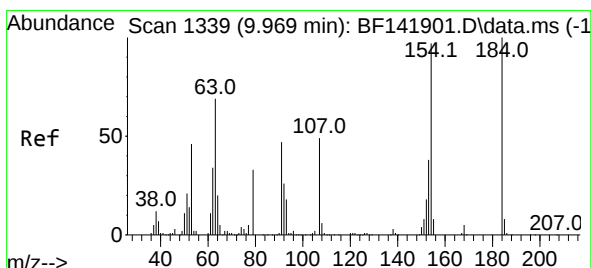
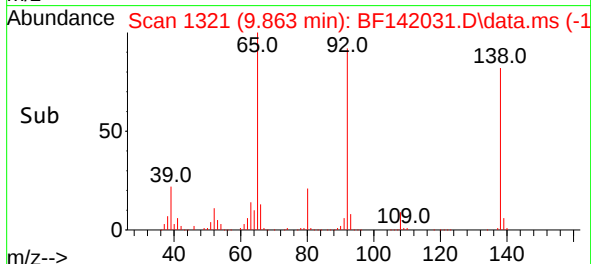
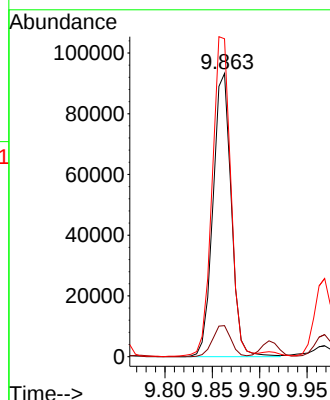
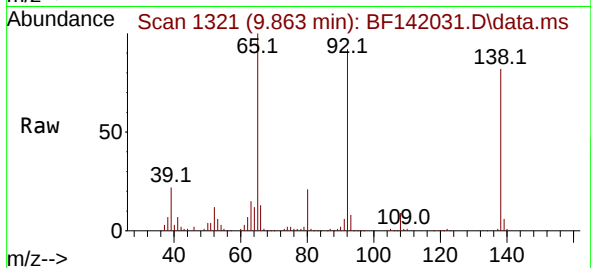
Tgt Ion:138 Resp: 124863

Ion Ratio Lower Upper

138 100

108 11.0 9.3 13.9

92 112.3 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 57.254 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

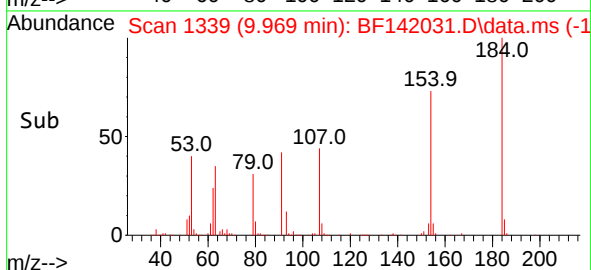
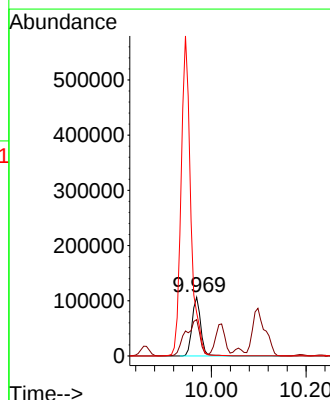
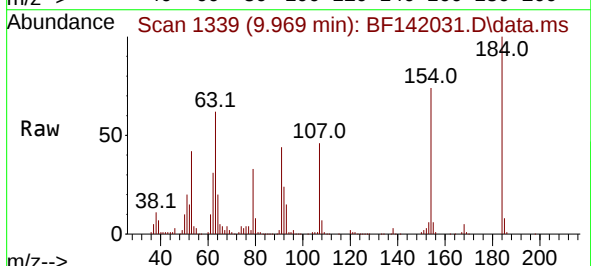
Tgt Ion:184 Resp: 135711

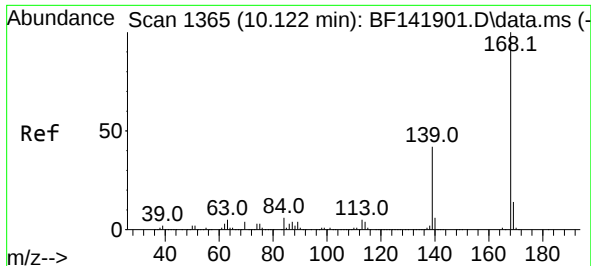
Ion Ratio Lower Upper

184 100

63 61.9 60.2 90.4

154 73.6 132.9 199.3#

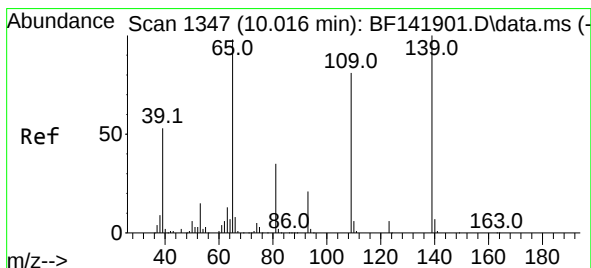
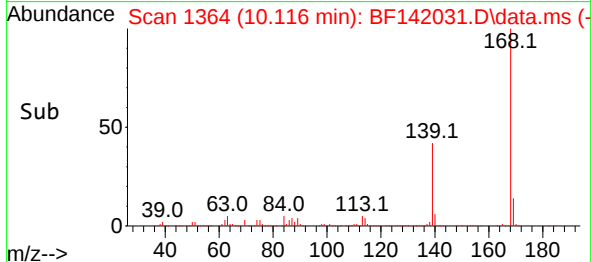
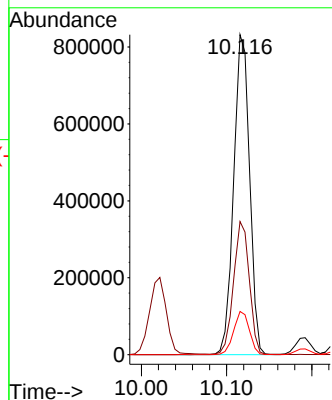
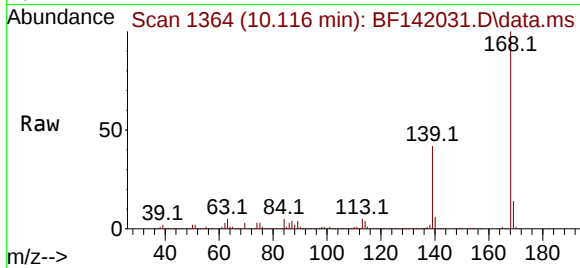




#55
Dibenzenofuran
Concen: 43.168 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

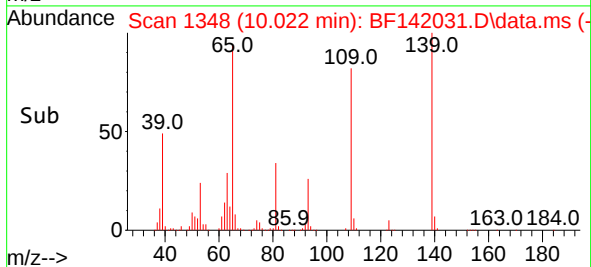
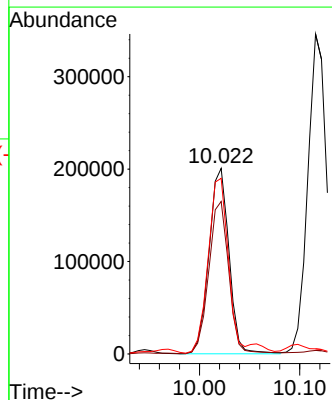
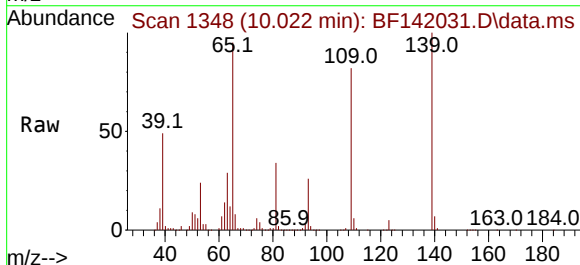
Instrument :
BNA_F
ClientSampleId :
TP-3MS

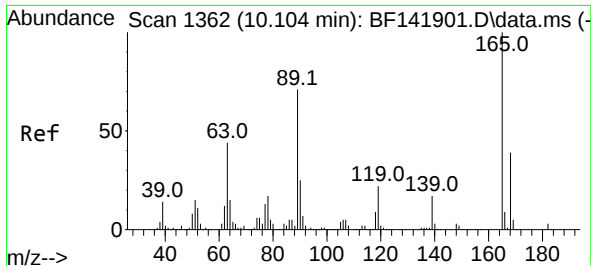
Tgt Ion:168 Resp: 1080780
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 84.181 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:139 Resp: 278553
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 94.6 79.4 119.4

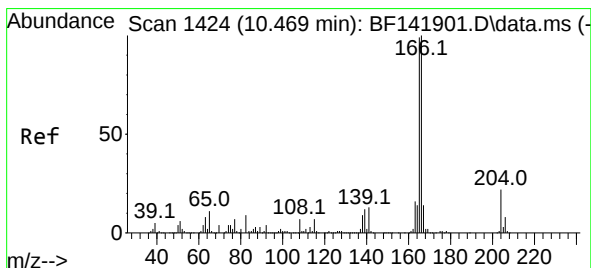
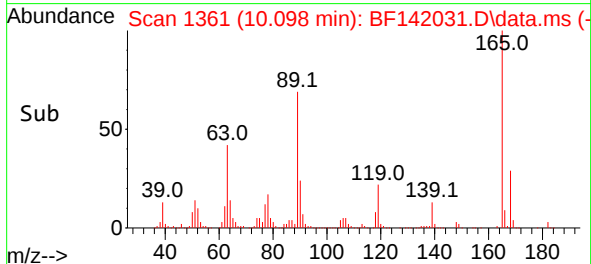
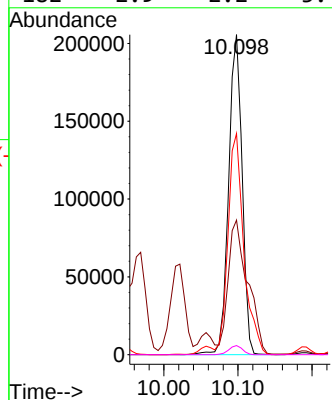
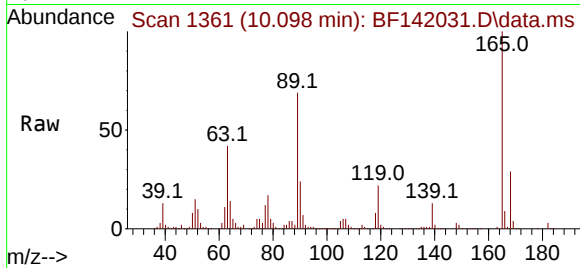




#57
2,4-Dinitrotoluene
Concen: 45.913 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

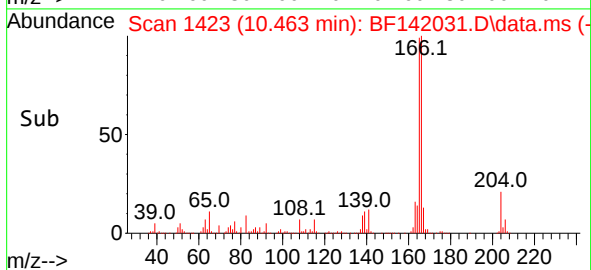
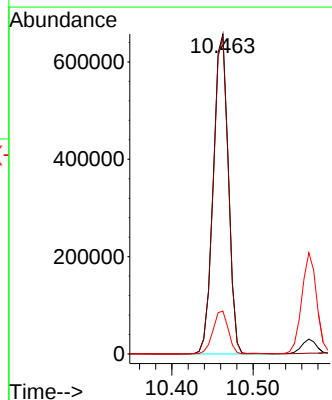
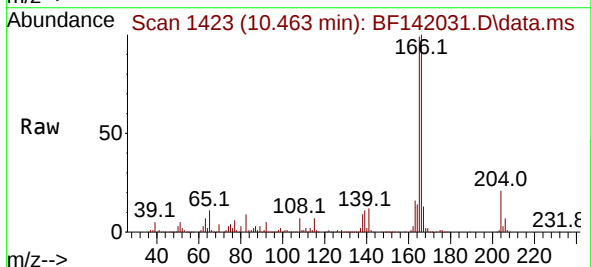
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 259399
Ion Ratio Lower Upper
165 100
63 42.0 35.4 53.2
89 69.1 56.6 84.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 43.817 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:166 Resp: 845984
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.4 11.0 16.4

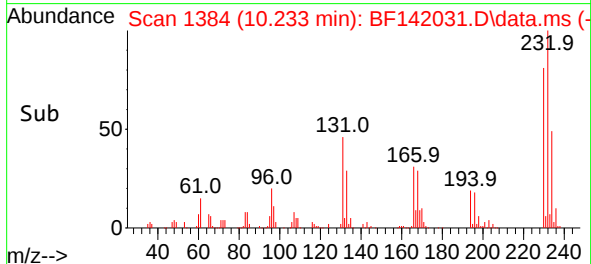
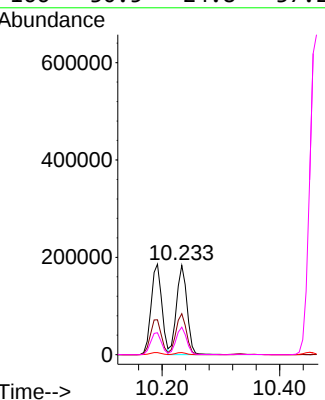
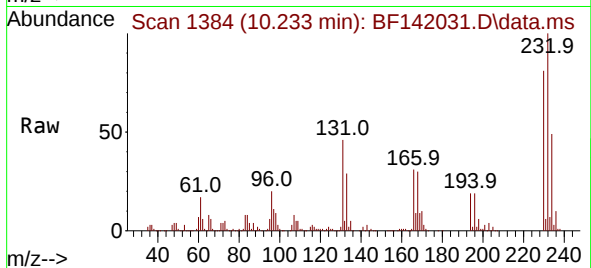




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.902 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

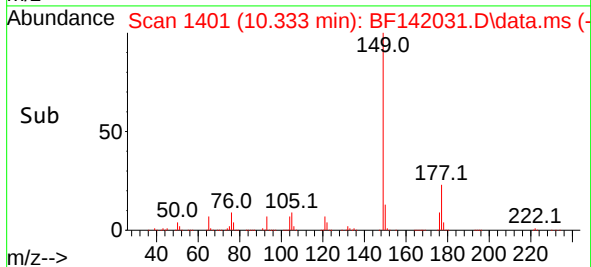
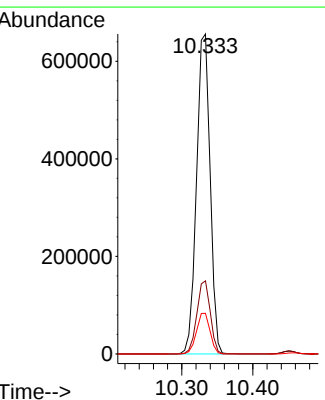
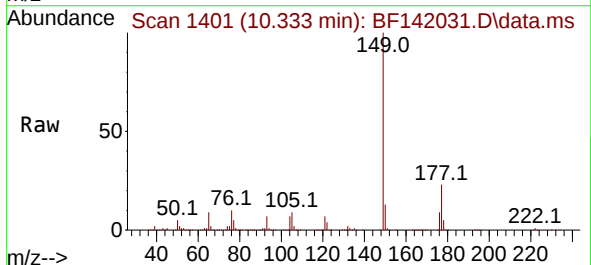
Instrument :
BNA_F
ClientSampleId :
TP-3MS

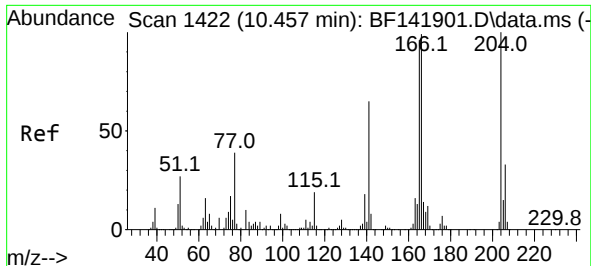
Tgt Ion:232 Resp: 227965
Ion Ratio Lower Upper
232 100
131 46.1 37.3 55.9
130 2.4 1.9 2.9
166 30.5 24.8 37.2



#60
Diethylphthalate
Concen: 42.141 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:149 Resp: 872987
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4

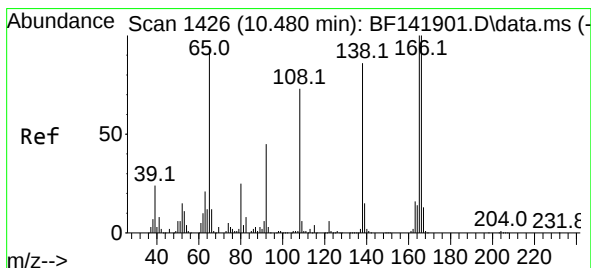
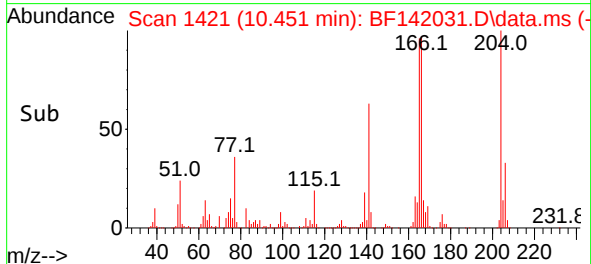
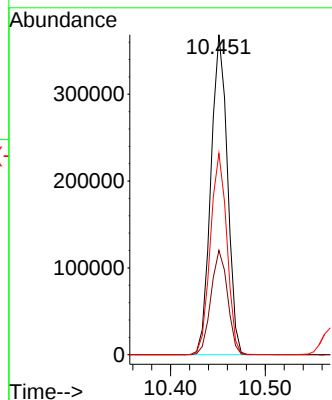
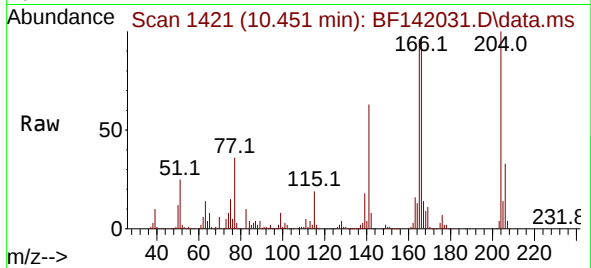




#61
4-Chlorophenyl-phenylether
Concen: 44.321 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

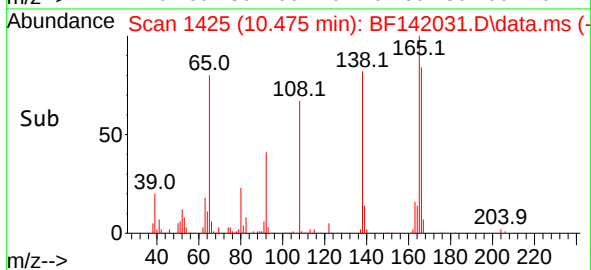
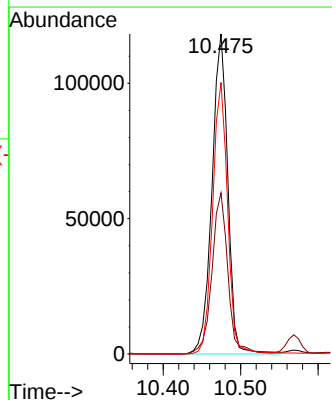
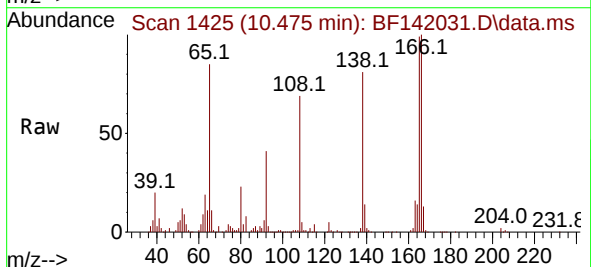
Instrument :
BNA_F
ClientSampleId :
TP-3MS

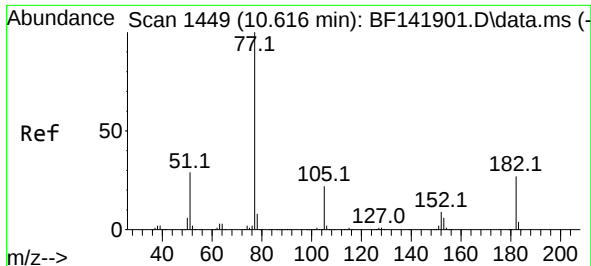
Tgt Ion:204 Resp: 446132
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 62.9 52.4 78.6



#62
4-Nitroaniline
Concen: 39.267 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:138 Resp: 167740
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 84.9 65.0 105.0

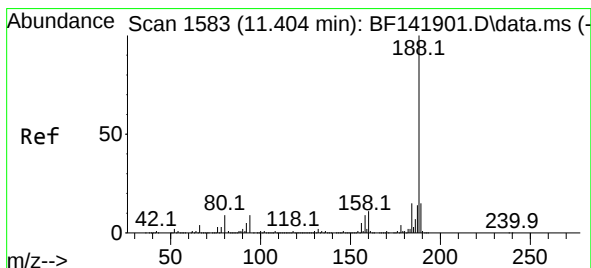
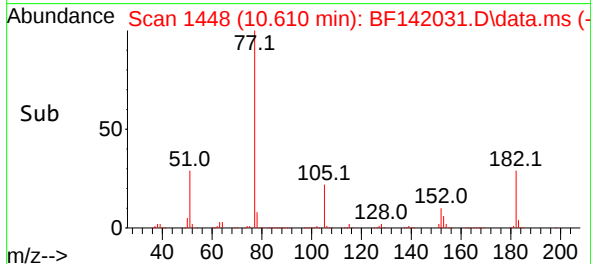
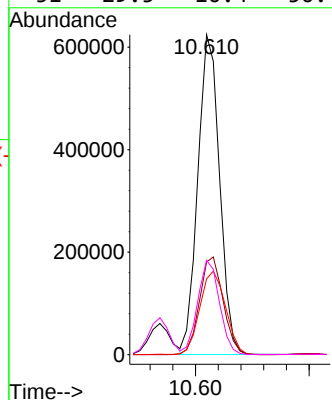
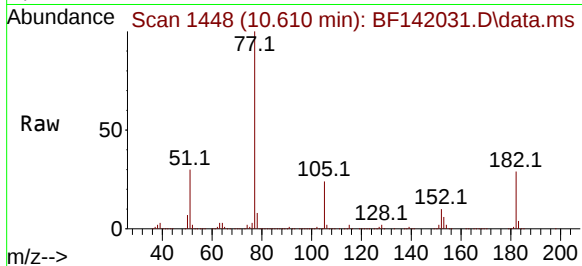




#63
Azobenzene
Concen: 43.063 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

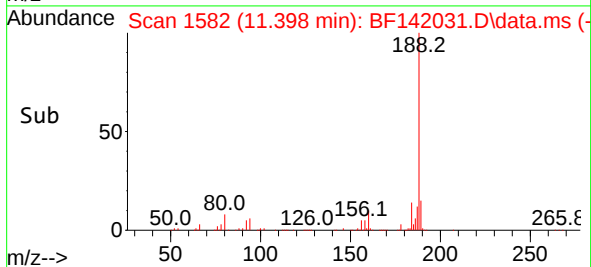
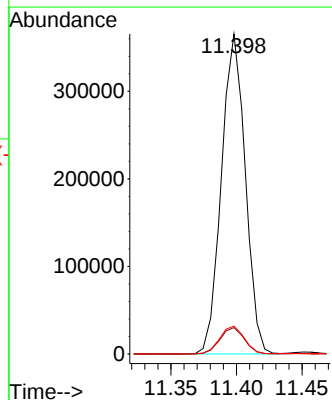
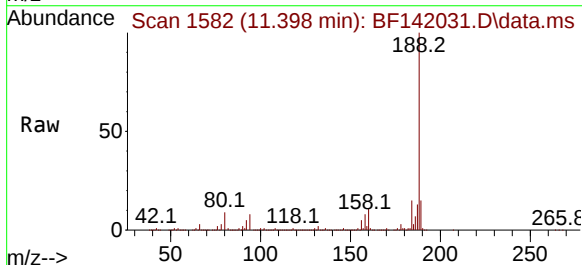
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:	77	Resp:	829379
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.6	46.6
105	23.7	1.3	41.3
51	29.5	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:	188	Resp:	462025
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.7	7.6	11.4

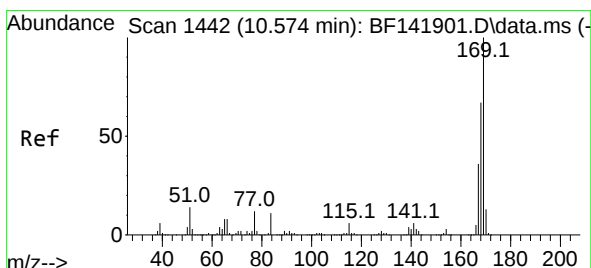
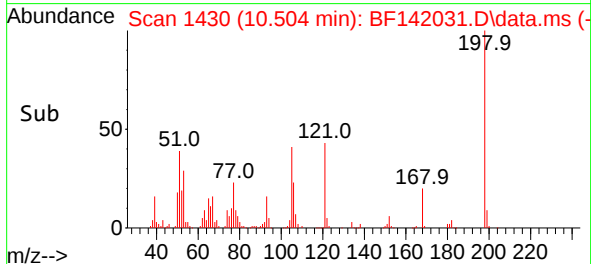
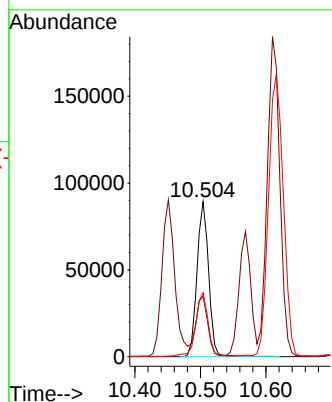
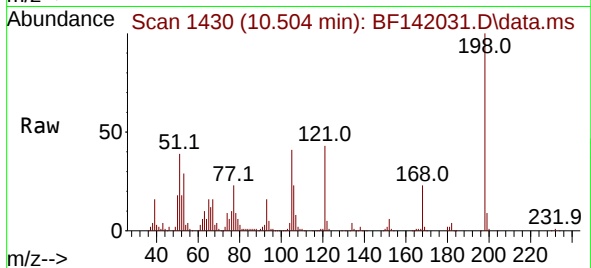




#65
4,6-Dinitro-2-methylphenol
Concen: 39.956 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

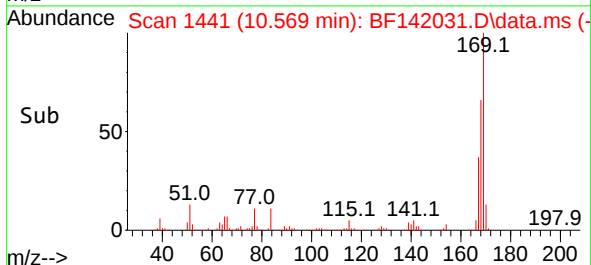
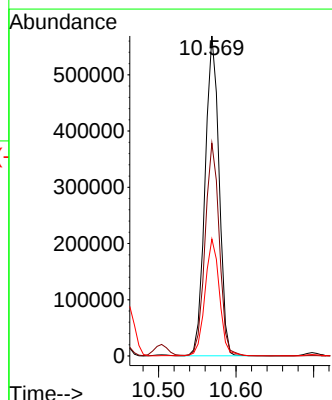
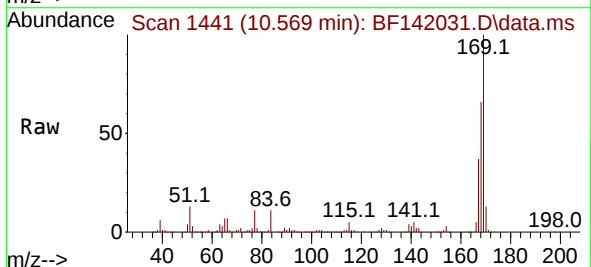
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 110052
Ion Ratio Lower Upper
198 100
51 39.2 22.3 62.3
105 41.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 47.723 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:169 Resp: 713529
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.5 29.2 43.8

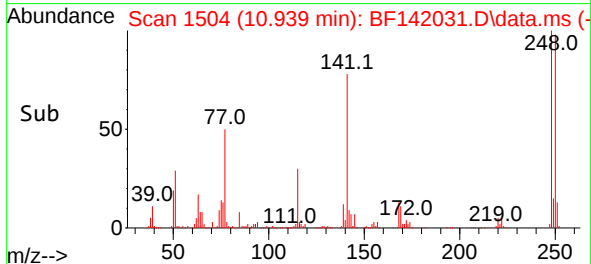
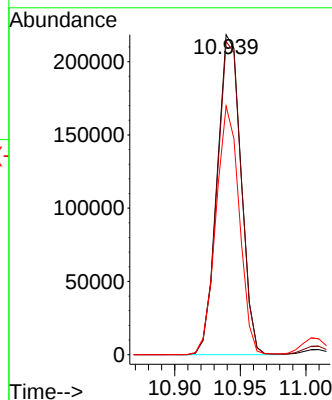
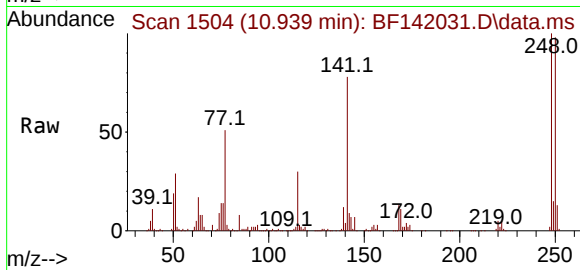




#67
4-Bromophenyl-phenylether
Concen: 47.760 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

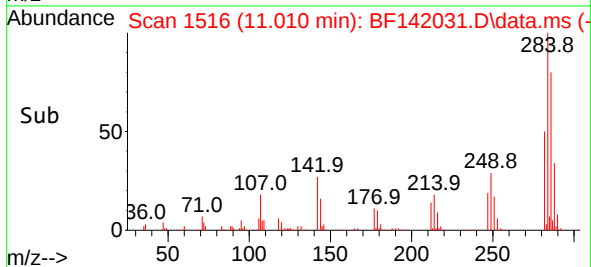
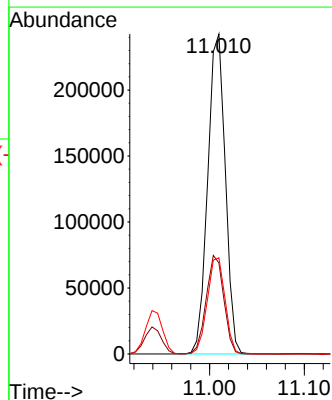
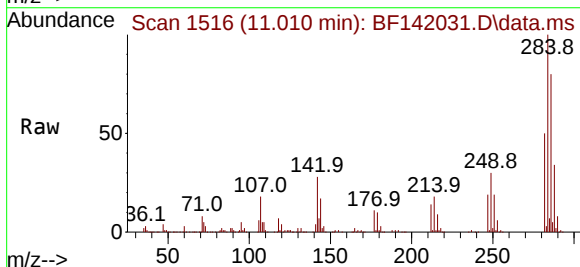
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:248 Resp: 277127
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 77.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 48.967 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:284 Resp: 311628
Ion Ratio Lower Upper
284 100
142 28.5 27.0 40.6
249 30.0 25.2 37.8





#69

Atrazine

Concen: 58.562 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

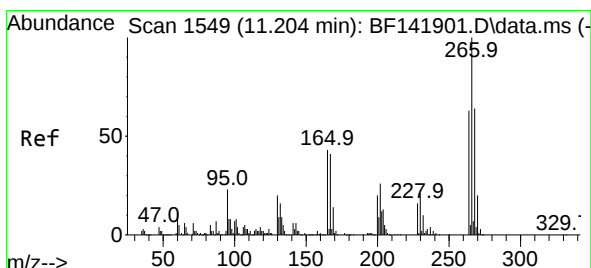
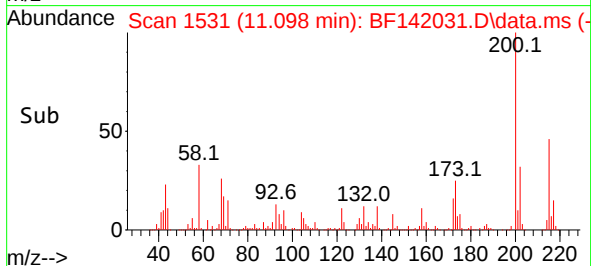
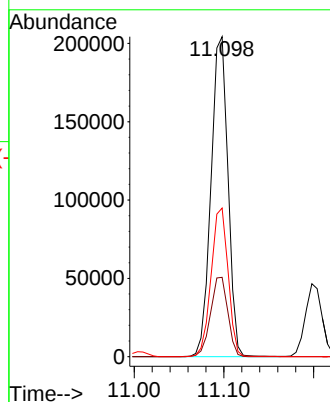
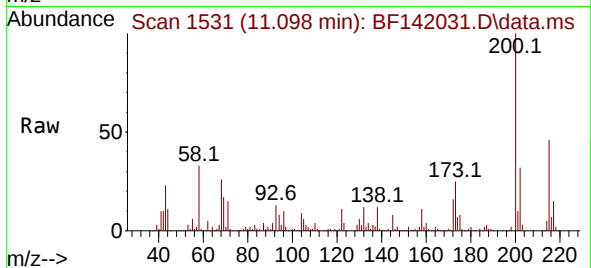
Tgt Ion:200 Resp: 268417

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 46.5 25.4 65.4



#70

Pentachlorophenol

Concen: 81.205 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

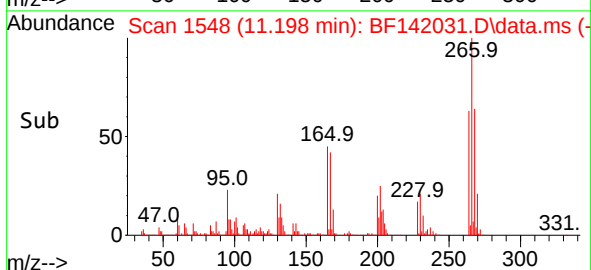
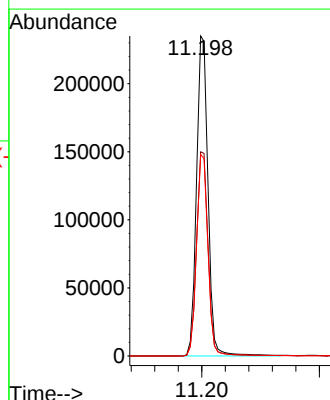
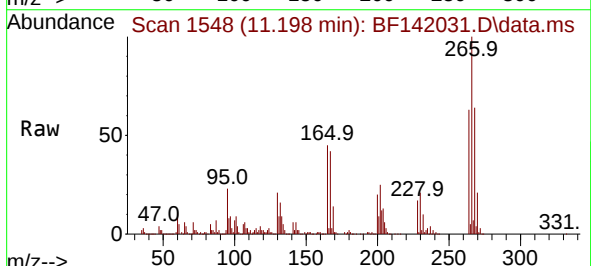
Tgt Ion:266 Resp: 318410

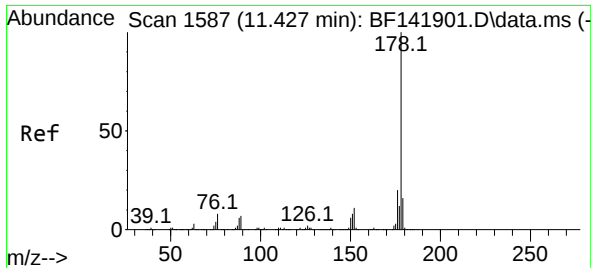
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.0 50.2 75.2

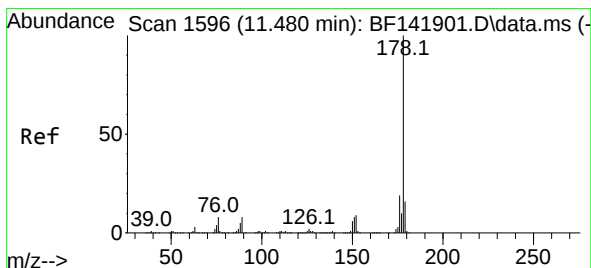
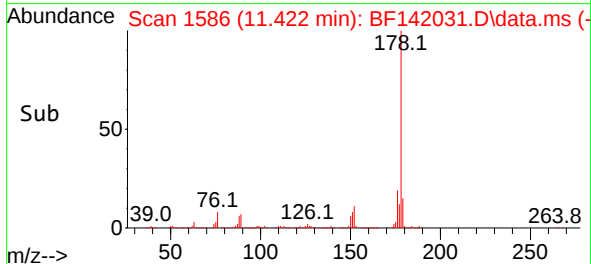
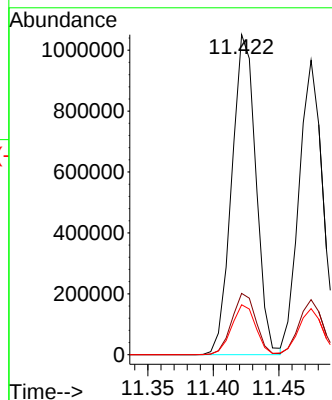
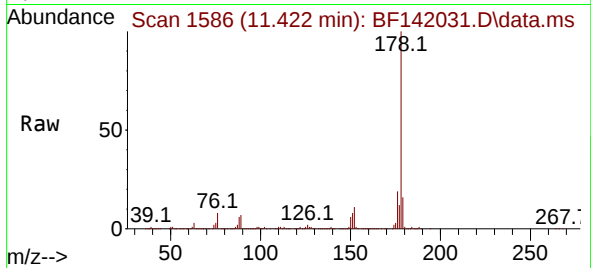




#71
Phenanthrene
Concen: 54.119 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

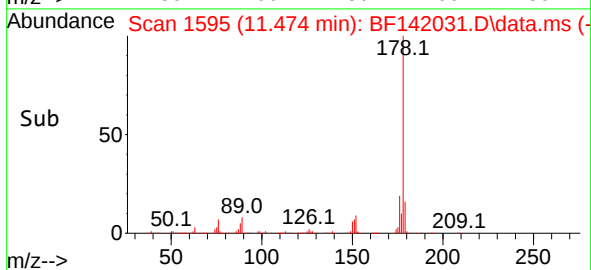
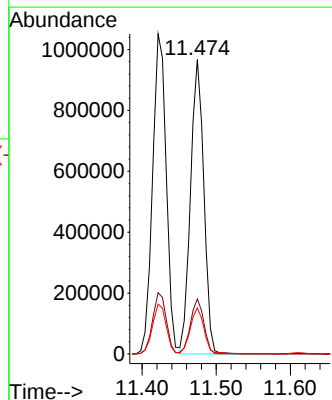
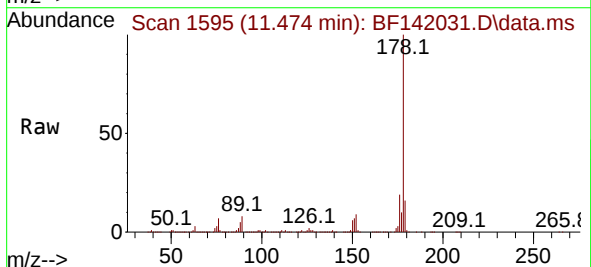
Instrument :
BNA_F
ClientSampleId :
TP-3MS

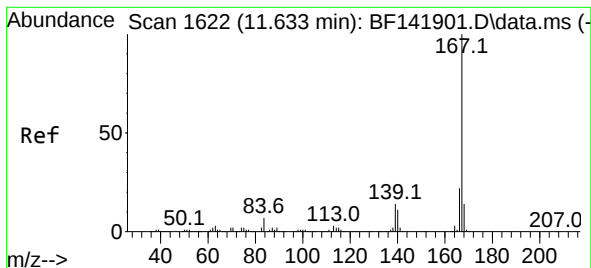
Tgt Ion:178 Resp: 1350559
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 48.156 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:178 Resp: 1205664
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73

Carbazole

Concen: 44.781 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

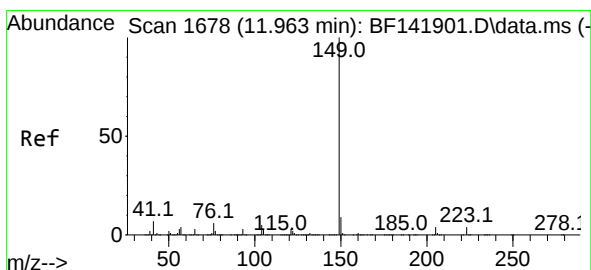
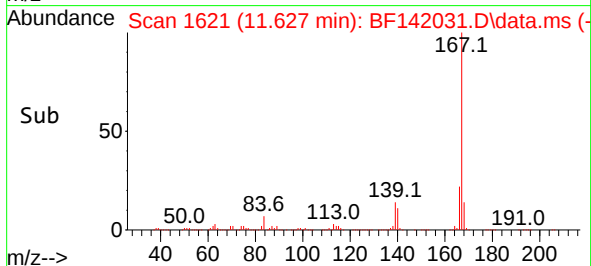
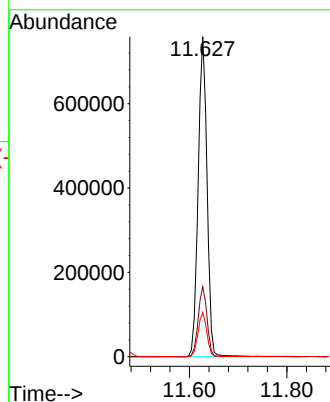
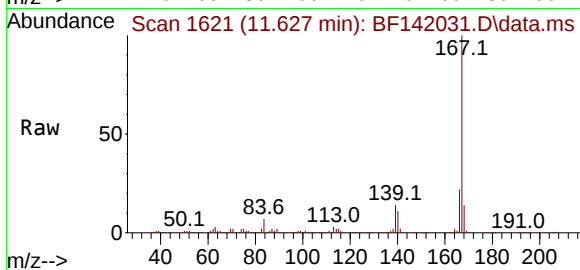
Tgt Ion:167 Resp: 966906

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 43.374 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

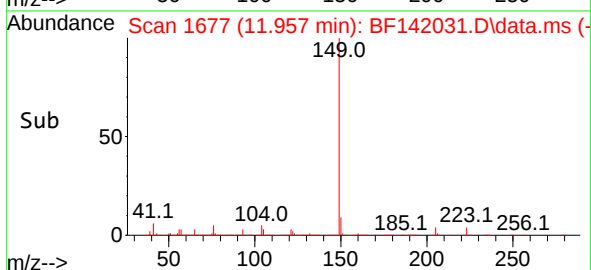
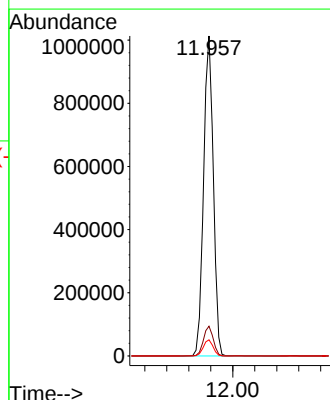
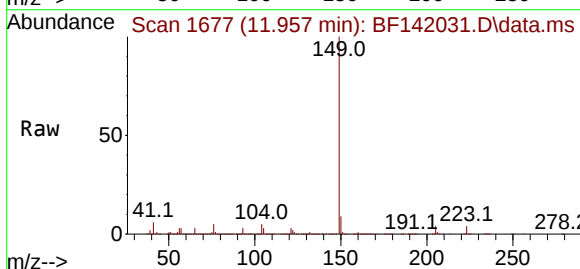
Tgt Ion:149 Resp: 1242662

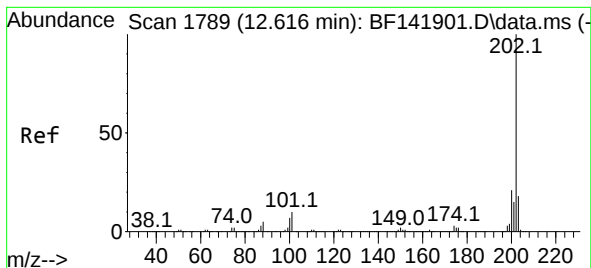
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 51.319 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

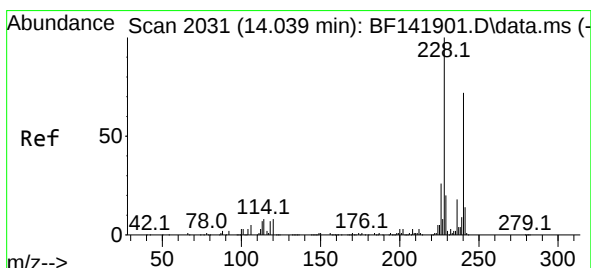
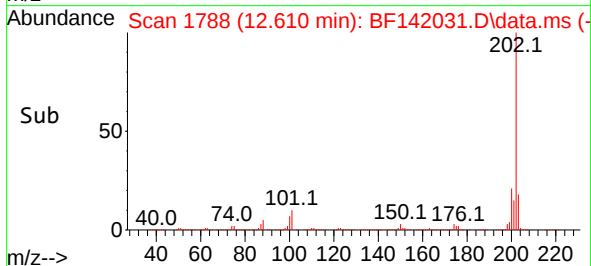
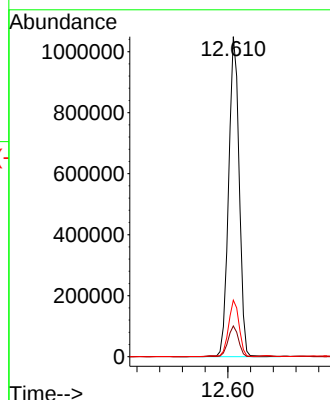
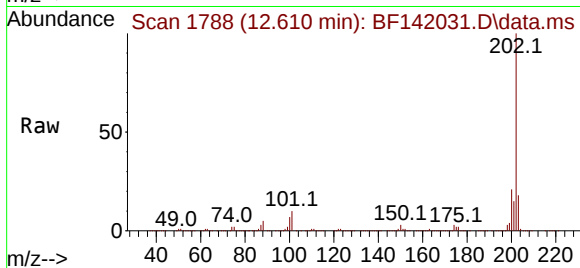
Tgt Ion:202 Resp: 1358516

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.7

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

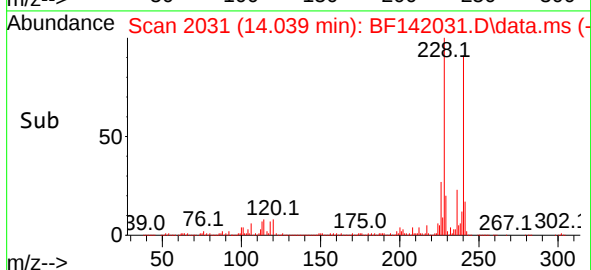
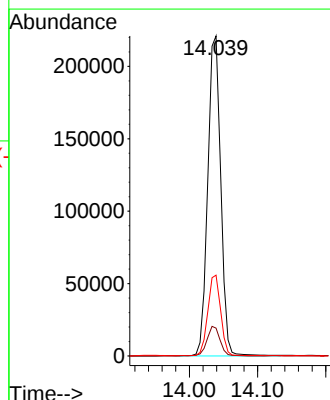
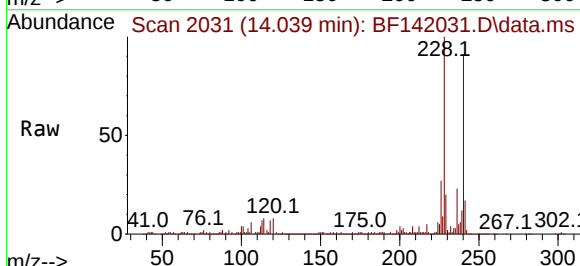
Tgt Ion:240 Resp: 293121

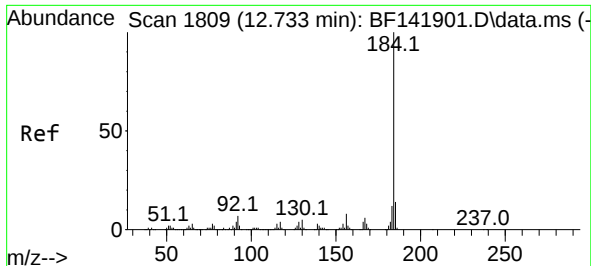
Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

236 25.2 20.5 30.7

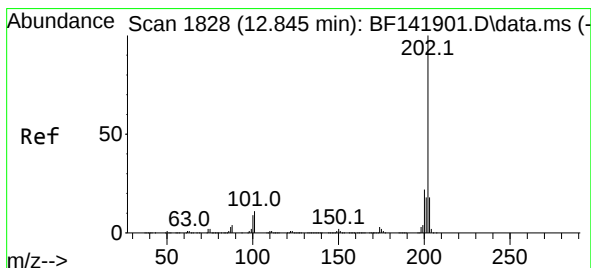
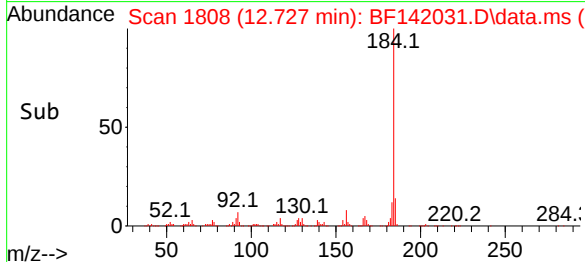
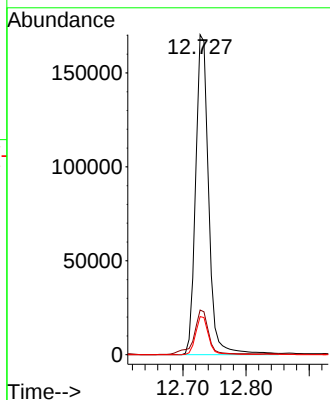
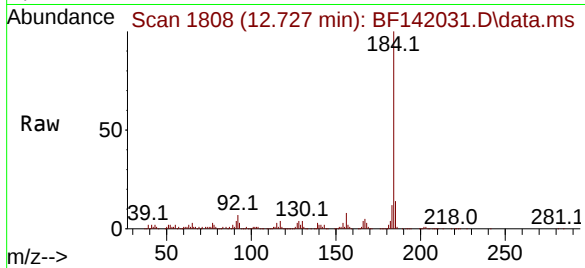




#77
Benzidine
Concen: 59.689 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

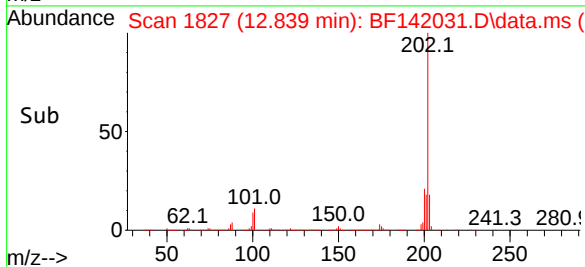
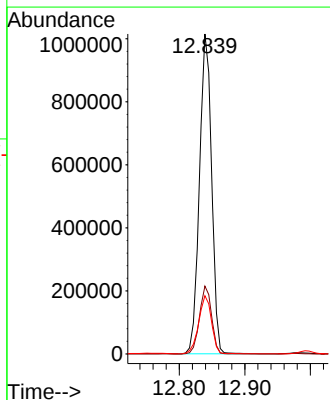
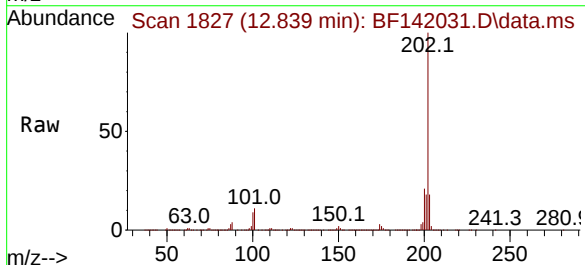
Instrument :
BNA_F
ClientSampleId :
TP-3MS

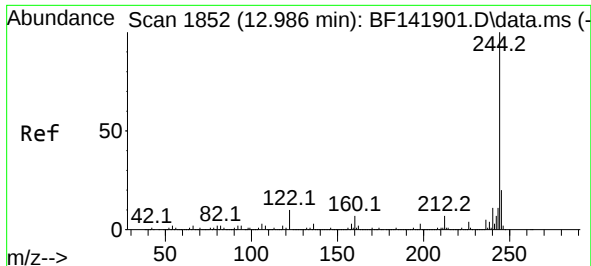
Tgt Ion:184 Resp: 244105
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.7 14.5



#78
Pyrene
Concen: 51.659 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:202 Resp: 1309840
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 18.2 14.4 21.6

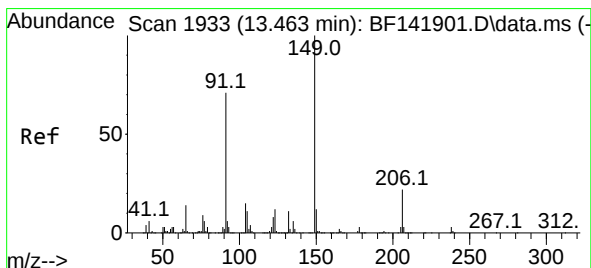
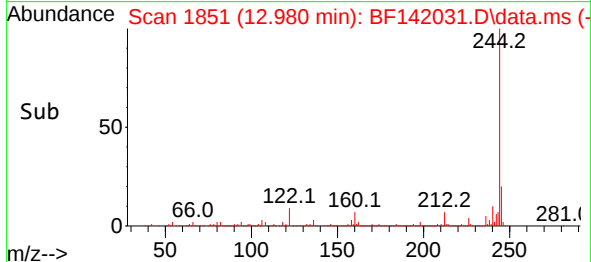
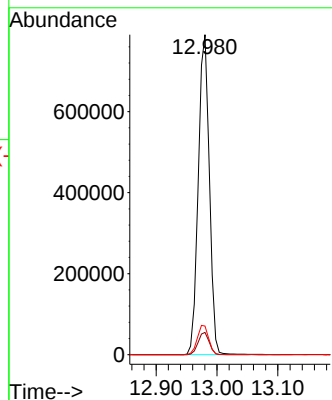
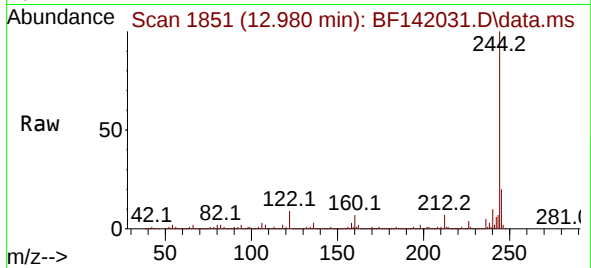




#79
 Terphenyl-d14
 Concen: 50.330 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

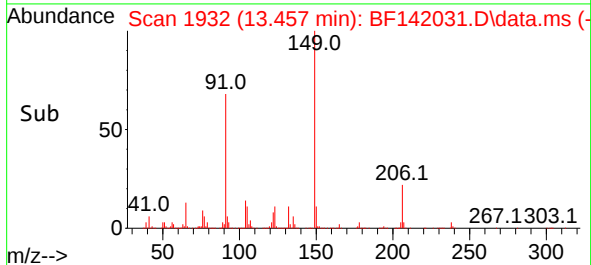
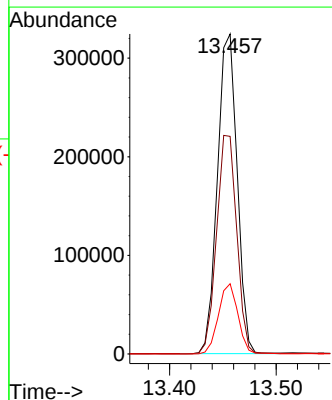
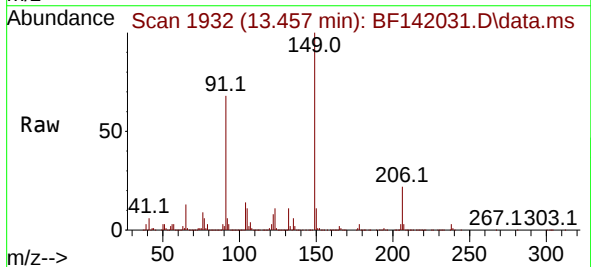
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

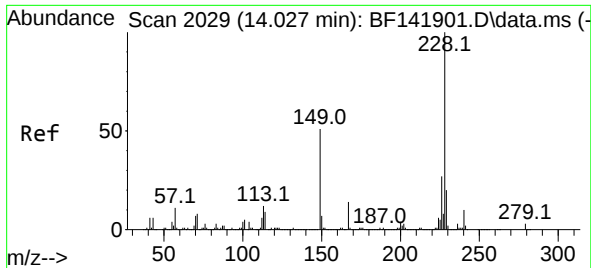
Tgt Ion:244 Resp: 997860
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 41.994 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

Tgt Ion:149 Resp: 416759
 Ion Ratio Lower Upper
 149 100
 91 68.0 56.5 84.7
 206 22.0 17.3 25.9

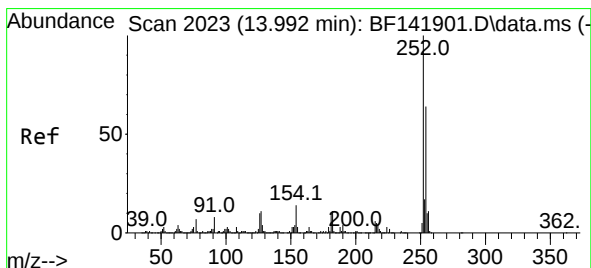
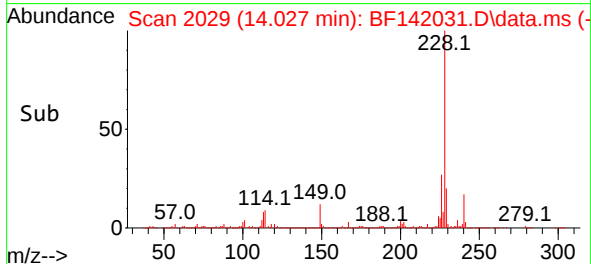
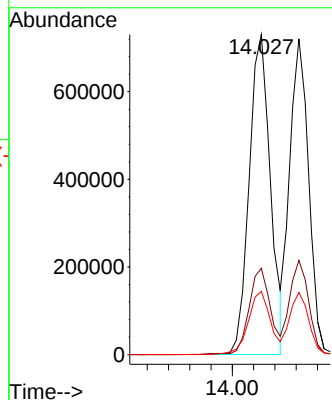
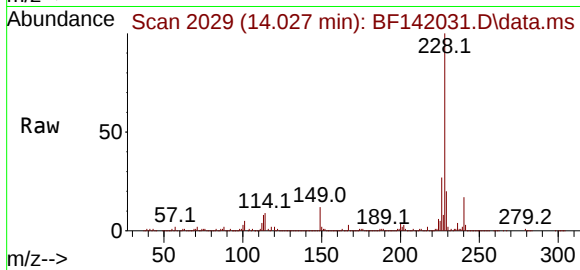




#81
Benzo(a)anthracene
Concen: 52.654 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

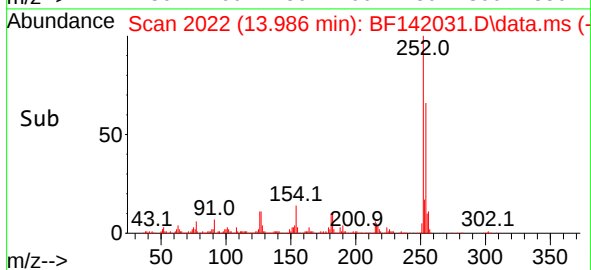
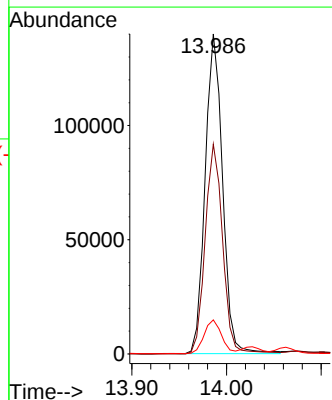
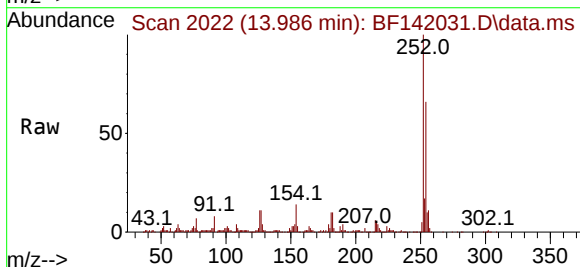
Instrument :
BNA_F
ClientSampleId :
TP-3MS

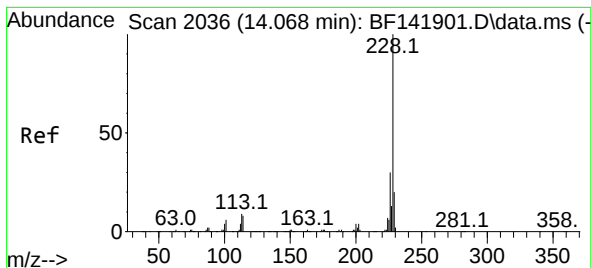
Tgt Ion:228 Resp: 1012789
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.226 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:252 Resp: 179128
Ion Ratio Lower Upper
252 100
254 65.5 51.0 76.6
126 10.7 8.4 12.6





#83

Chrysene

Concen: 51.308 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

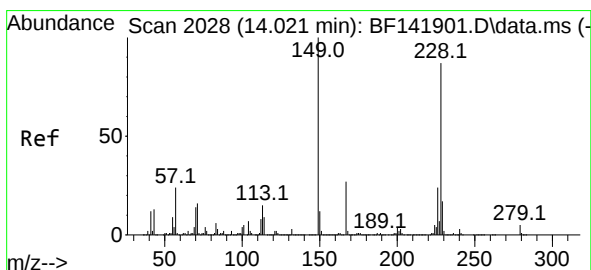
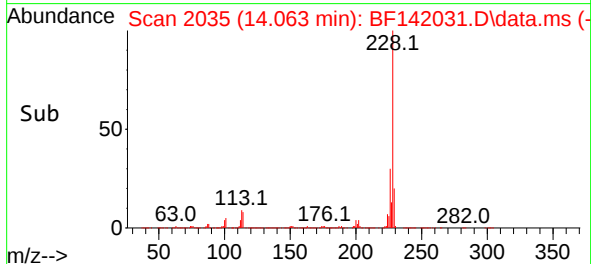
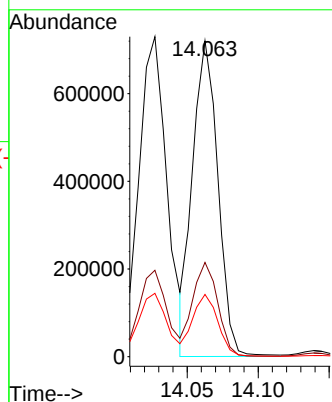
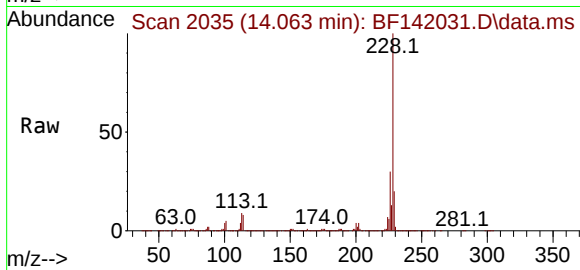
Tgt Ion:228 Resp: 894586

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.993 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

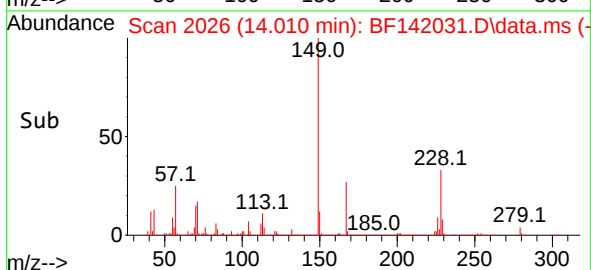
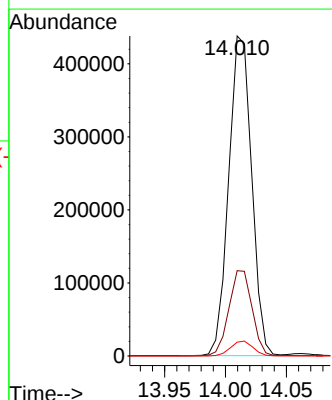
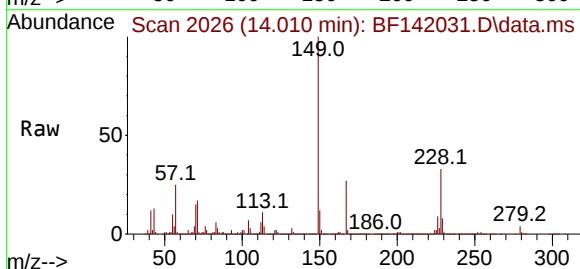
Tgt Ion:149 Resp: 574599

Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.3 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.202 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

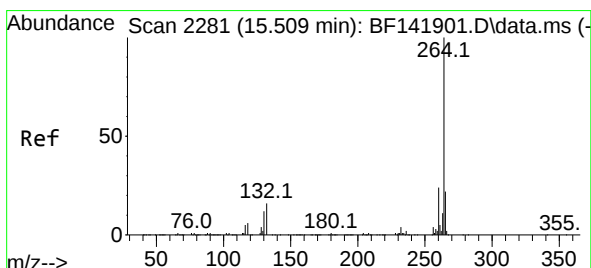
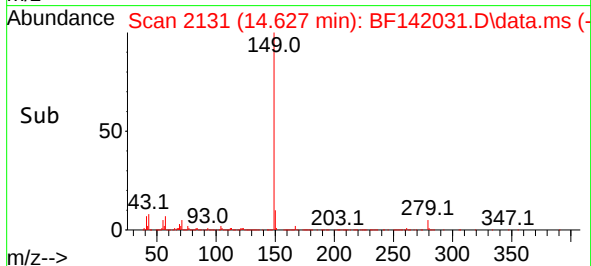
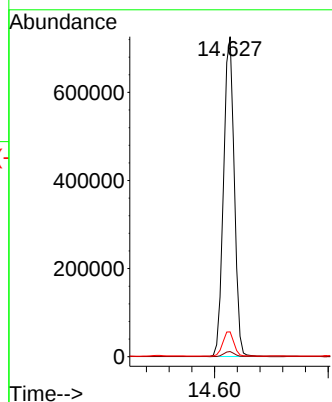
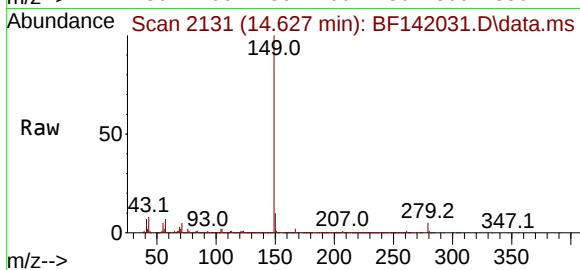
Tgt Ion:149 Resp: 955796

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

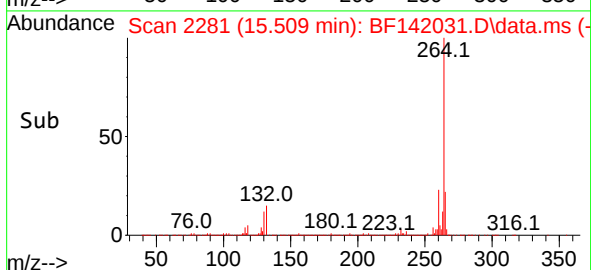
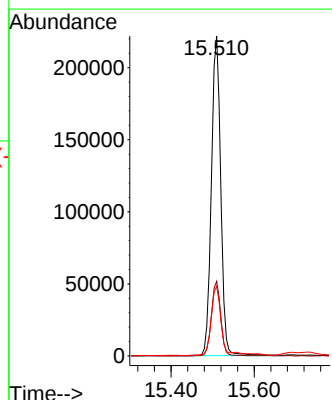
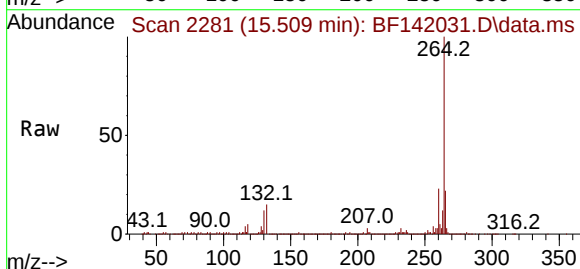
Tgt Ion:264 Resp: 346783

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.5 26.3

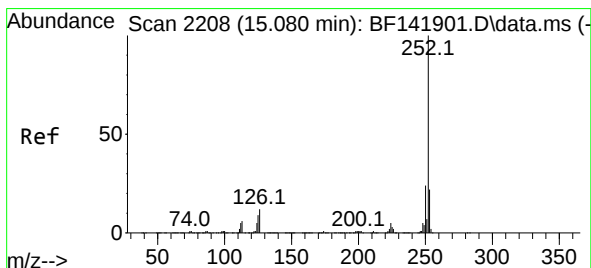
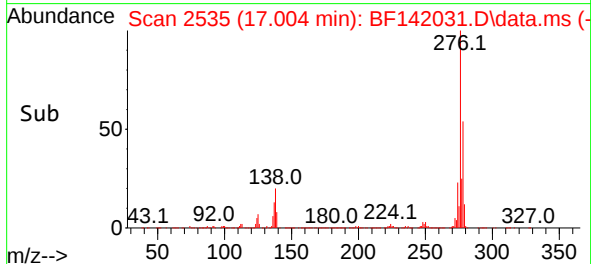
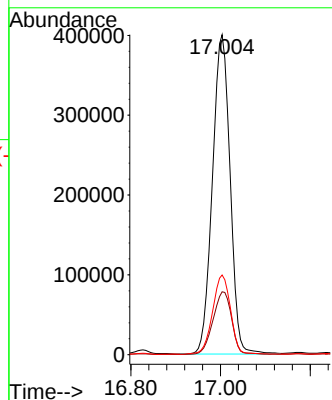
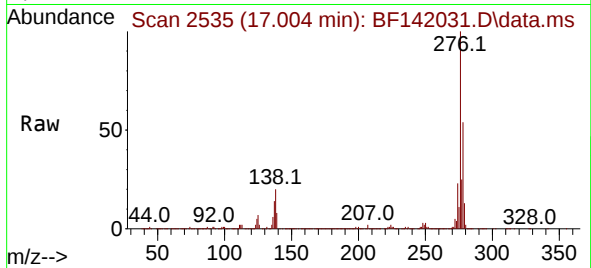




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.911 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

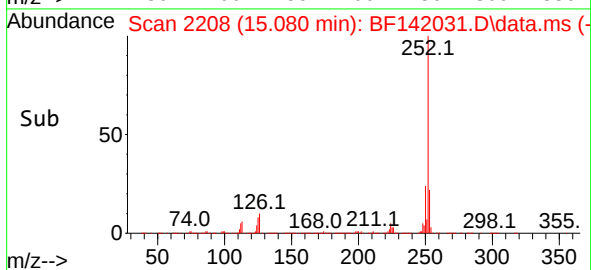
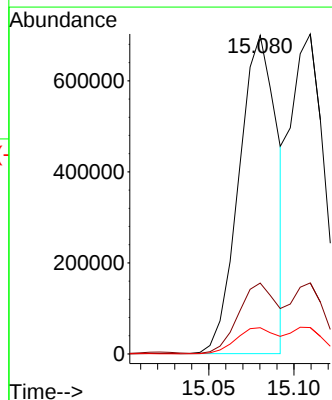
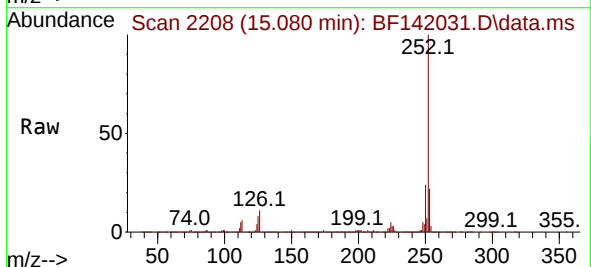
Instrument :
BNA_F
ClientSampleId :
TP-3MS

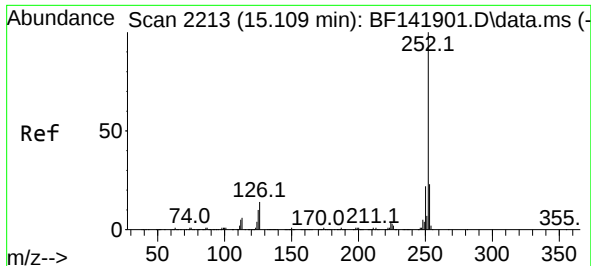
Tgt Ion:276 Resp: 1097223
Ion Ratio Lower Upper
276 100
138 20.6 18.4 27.6
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 45.717 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:252 Resp: 1086548
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.258 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

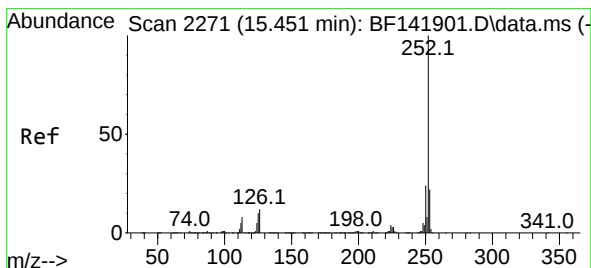
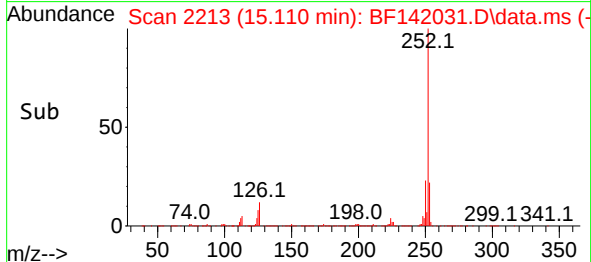
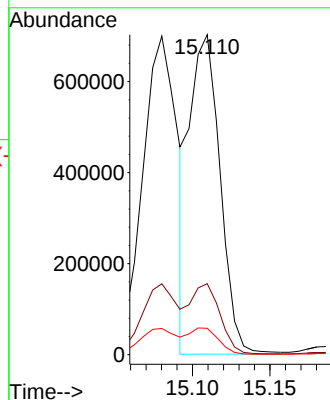
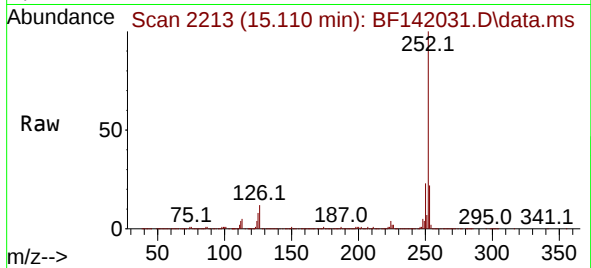
Tgt Ion:252 Resp: 961182

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 53.610 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

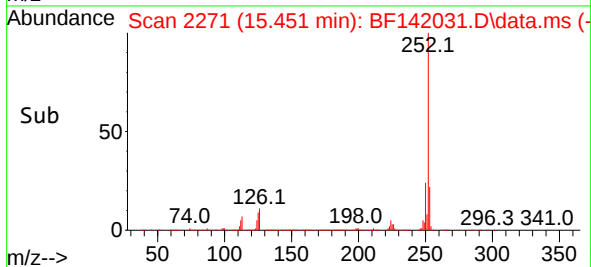
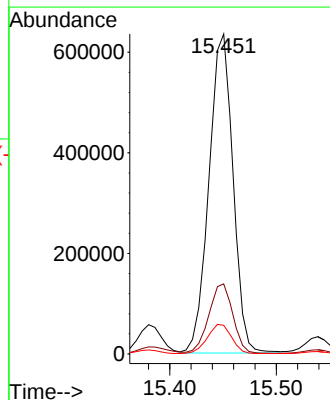
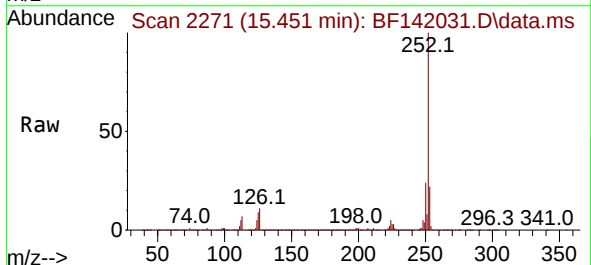
Tgt Ion:252 Resp: 996975

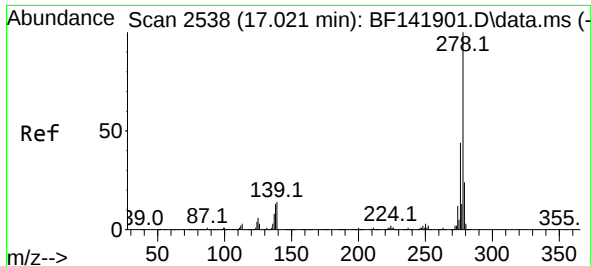
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.0 7.8 11.8

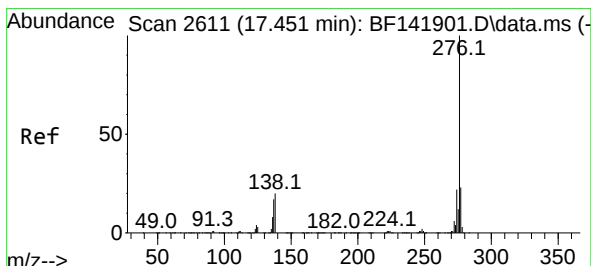
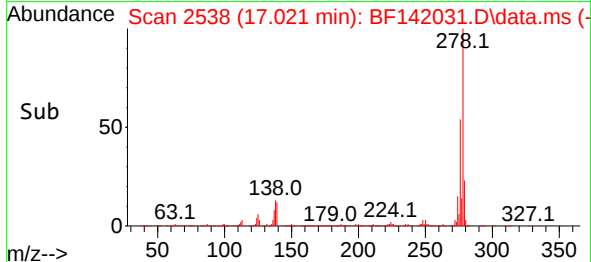
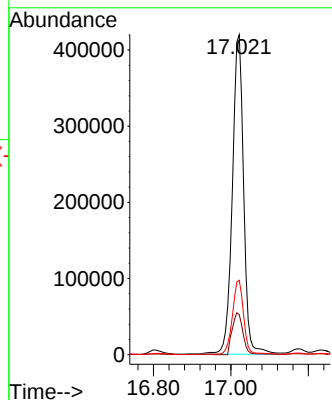
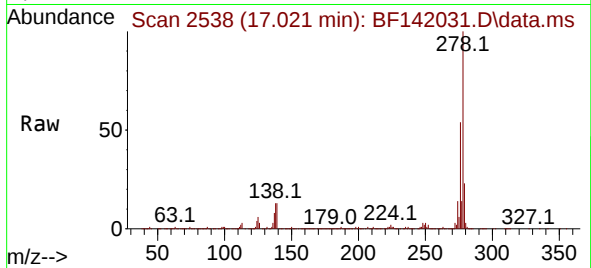




#91
 Dibenzo(a,h)anthracene
 Concen: 46.063 ng
 RT: 17.021 min Scan# 2538
 Delta R.T. 0.000 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tgt Ion:278 Resp: 852575
 Ion Ratio Lower Upper
 278 100
 139 12.6 11.4 17.2
 279 23.3 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 46.017 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

Tgt Ion:276 Resp: 841679
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.7 28.1
 138 18.9 15.8 23.8

