

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142108.D
 Acq On : 26 Mar 2025 20:37
 Operator : RC/JU
 Sample : Q1636-17MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Quant Time: Mar 27 01:05:02 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	6.869	152	135946	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	522635	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	305798	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	546937	20.000	ng	0.00
76) Chrysene-d12	14.039	240	356639	20.000	ng	0.00
86) Perylene-d12	15.510	264	353386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	935961	114.905	ng	0.00
7) Phenol-d6	6.498	99	1175783	113.371	ng	0.00
23) Nitrobenzene-d5	7.434	82	759482	81.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	533957	137.637	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1588567	79.003	ng	-0.01
79) Terphenyl-d14	12.980	244	1907048	79.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	167794	49.163	ng	97
3) Pyridine	3.469	79	435363	52.003	ng	98
4) n-Nitrosodimethylamine	3.428	42	196786	49.310	ng	94
6) Aniline	6.534	93	310834	30.382	ng	97
8) 2-Chlorophenol	6.657	128	486911	53.897	ng	97
9) Benzaldehyde	6.422	77	310879	53.597	ng	98
10) Phenol	6.516	94	571358	52.367	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	414704	50.619	ng	98
12) 1,3-Dichlorobenzene	6.810	146	514305	52.732	ng	99
13) 1,4-Dichlorobenzene	6.887	146	525070	53.208	ng	99
14) 1,2-Dichlorobenzene	7.040	146	503431	54.162	ng	99
15) Benzyl Alcohol	7.010	79	423059	50.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	449995	45.496	ng	97
17) 2-Methylphenol	7.122	107	386306	53.781	ng	99
18) Hexachloroethane	7.381	117	191834	51.840	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	311144	46.690	ng	98
20) 3+4-Methylphenols	7.275	107	481095	52.290	ng	# 85
22) Acetophenone	7.281	105	639215	51.072	ng	97
24) Nitrobenzene	7.451	77	491244	53.209	ng	99
25) Isophorone	7.692	82	889393	54.177	ng	99
26) 2-Nitrophenol	7.769	139	262046	57.831	ng	98
27) 2,4-Dimethylphenol	7.804	122	432318	69.289	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	532112	51.679	ng	99
29) 2,4-Dichlorophenol	8.010	162	422948	54.613	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	466810	54.696	ng	99
31) Naphthalene	8.175	128	1396145	52.004	ng	100
32) Benzoic acid	7.904	122	151806	27.679	ng	97
33) 4-Chloroaniline	8.222	127	95601	10.087	ng	97
34) Hexachlorobutadiene	8.292	225	313112	56.255	ng	99
35) Caprolactam	8.592	113	67873	28.746	ng	91
36) 4-Chloro-3-methylphenol	8.704	107	466144	53.958	ng	97
37) 2-Methylnaphthalene	8.869	142	866104	48.265	ng	100
38) 1-Methylnaphthalene	8.969	142	900813	52.021	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	498781	53.573	ng	98
41) Hexachlorocyclopentadiene	9.022	237	693213	190.251	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	337099	55.401	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142108.D
 Acq On : 26 Mar 2025 20:37
 Operator : RC/JU
 Sample : Q1636-17MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

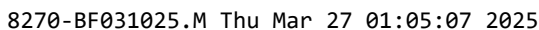
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

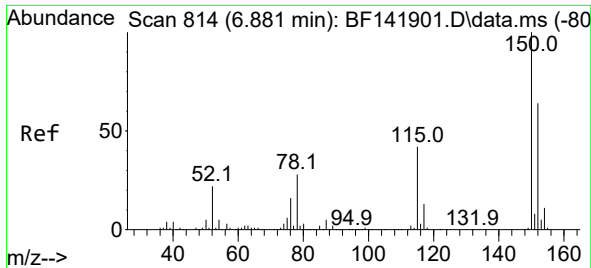
Quant Time: Mar 27 01:05:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	347581	56.402	ng	98
46) 1,1'-Biphenyl	9.328	154	1222161	52.600	ng	100
47) 2-Chloronaphthalene	9.357	162	932600	53.851	ng	98
48) 2-Nitroaniline	9.451	65	277579	55.357	ng	98
49) Acenaphthylene	9.775	152	1481777	57.658	ng	100
50) Dimethylphthalate	9.633	163	1133483	52.931	ng	100
51) 2,6-Dinitrotoluene	9.692	165	253118	56.770	ng	95
52) Acenaphthene	9.945	154	1017878	56.360	ng	100
53) 3-Nitroaniline	9.863	138	93004	20.564	ng	97
54) 2,4-Dinitrophenol	9.969	184	197183	78.014	ng	# 48
55) Dibenzofuran	10.116	168	1333144	51.660	ng	99
56) 4-Nitrophenol	10.028	139	409933	120.190	ng	95
57) 2,4-Dinitrotoluene	10.098	165	358228	61.515	ng	99
58) Fluorene	10.463	166	1073177	53.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	314097	56.011	ng	97
60) Diethylphthalate	10.333	149	1107779	51.880	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	553625	53.359	ng	98
62) 4-Nitroaniline	10.480	138	252412	57.326	ng	97
63) Azobenzene	10.610	77	1055655	53.176	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	176345	54.085	ng	92
66) n-Nitrosodiphenylamine	10.569	169	939826	53.100	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	370062	53.875	ng	97
68) Hexachlorobenzene	11.004	284	429047	56.951	ng	97
69) Atrazine	11.098	200	344887	63.564	ng	98
70) Pentachlorophenol	11.204	266	460182	99.141	ng	99
71) Phenanthrene	11.422	178	1590326	53.833	ng	100
72) Anthracene	11.475	178	1648122	55.608	ng	100
73) Carbazole	11.627	167	1399456	54.751	ng	100
74) Di-n-butylphthalate	11.957	149	1687064	49.743	ng	100
75) Fluoranthene	12.610	202	1630511	52.031	ng	99
77) Benzidine	12.727	184	486819	97.838	ng	100
78) Pyrene	12.839	202	1611827	52.248	ng	100
80) Butylbenzylphthalate	13.457	149	590231	48.882	ng	97
81) Benzo(a)anthracene	14.027	228	1278889	54.647	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101090	14.947	ng	99
83) Chrysene	14.063	228	1166785	55.001	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	742918	44.624	ng	100
85) Di-n-octyl phthalate	14.627	149	1072844	46.314	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1377648	60.265	ng	97
88) Benzo(b)fluoranthene	15.080	252	1145221	47.285	ng	99
89) Benzo(k)fluoranthene	15.110	252	1125987	54.326	ng	99
90) Benzo(a)pyrene	15.451	252	1089742	57.503	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1129429	59.881	ng	99
92) Benzo(g,h,i)perylene	17.457	276	1101556	59.100	ng	98

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

Quant Time: Mar 27 01:05:02 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

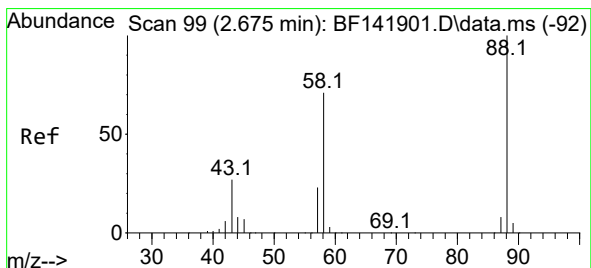
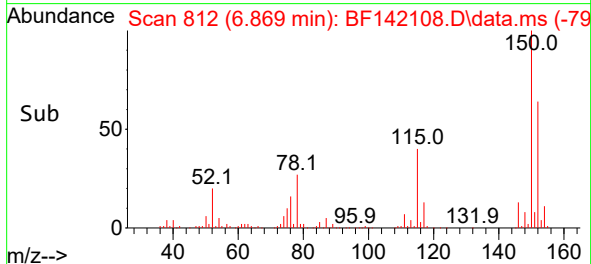
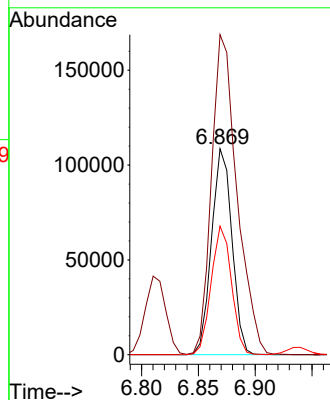
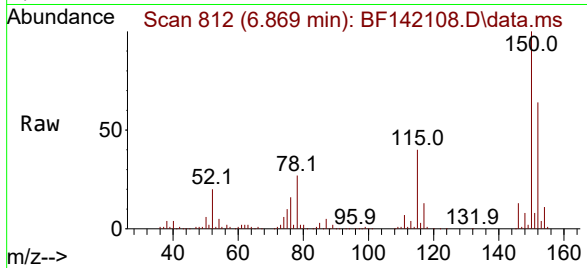




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

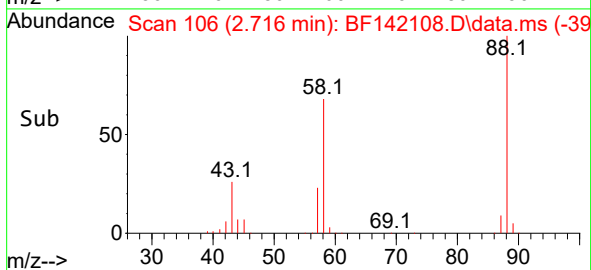
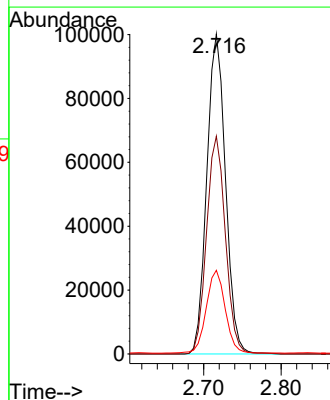
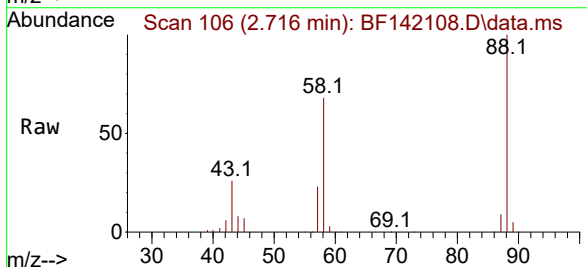
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

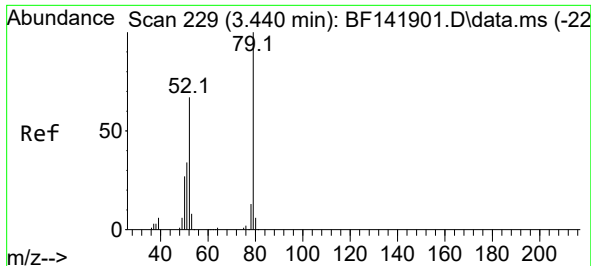
Tgt Ion:152 Resp: 135946
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.4 191.2
 115 62.4 51.9 77.9



#2
 1,4-Dioxane
 Concen: 49.163 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.041 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Tgt Ion: 88 Resp: 167794
 Ion Ratio Lower Upper
 88 100
 58 68.7 57.4 86.2
 43 26.3 21.5 32.3





#3

Pyridine

Concen: 52.003 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

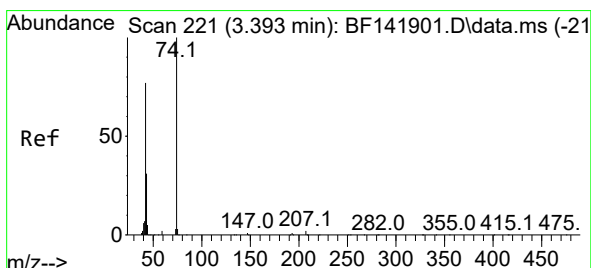
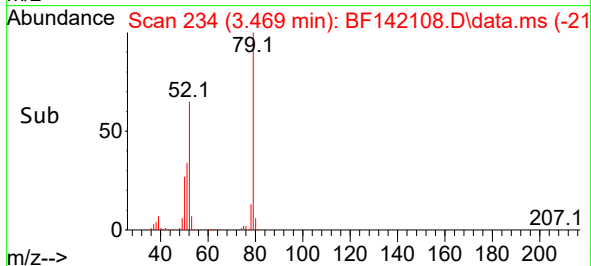
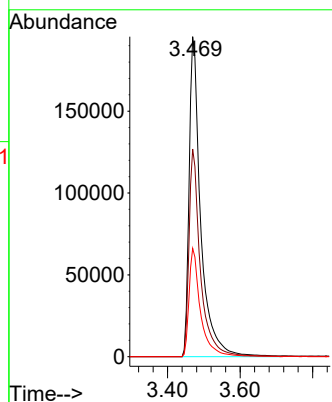
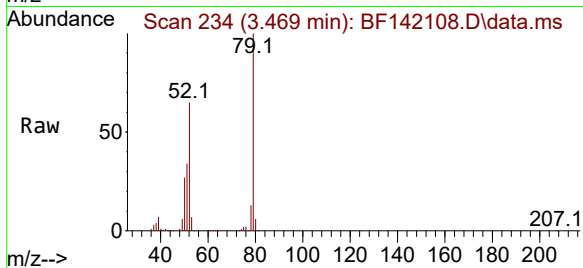
Tgt Ion: 79 Resp: 435363

Ion Ratio Lower Upper

79 100

52 64.9 53.3 79.9

51 33.8 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 49.310 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.035 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

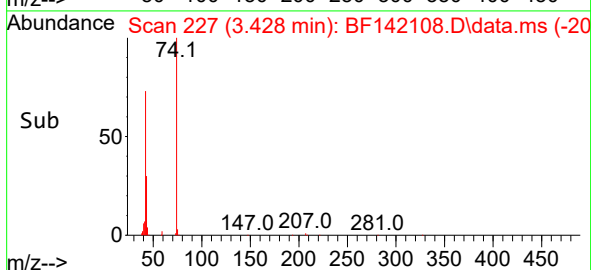
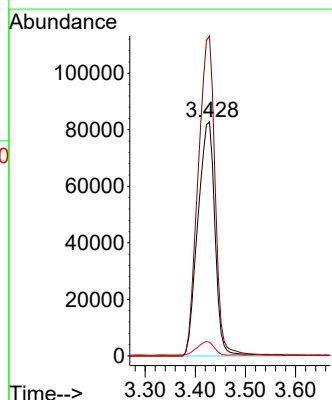
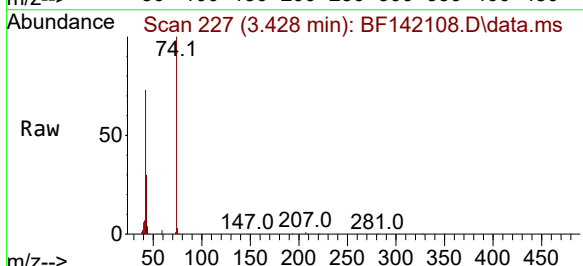
Tgt Ion: 42 Resp: 196786

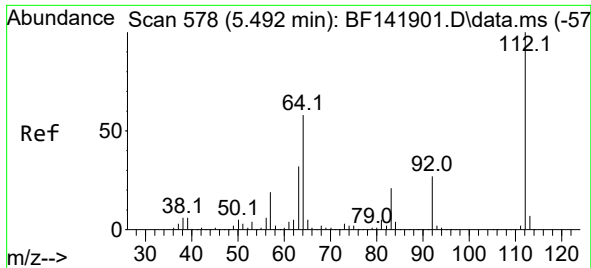
Ion Ratio Lower Upper

42 100

74 136.7 103.4 155.0

44 5.9 5.0 7.4

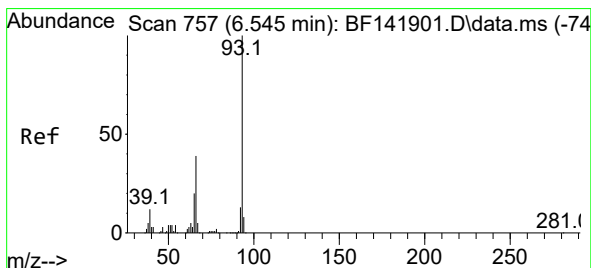
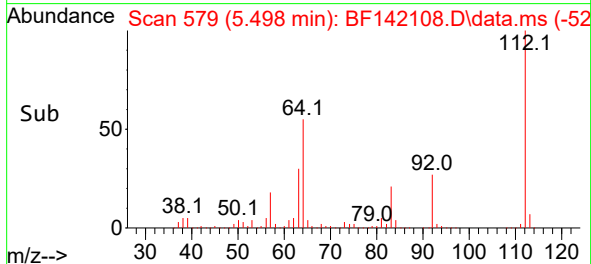
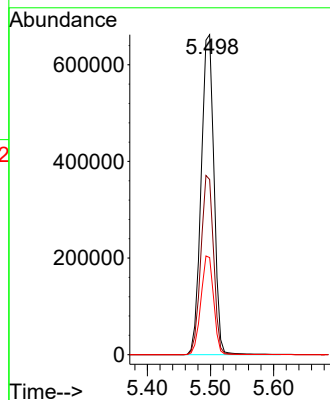
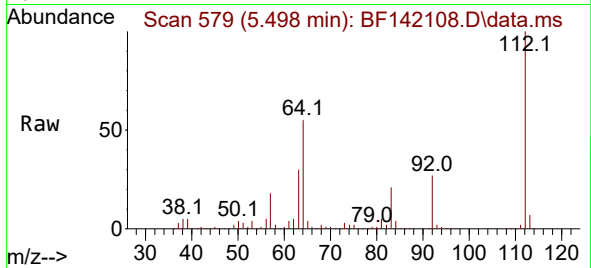




#5
2-Fluorophenol
Concen: 114.905 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

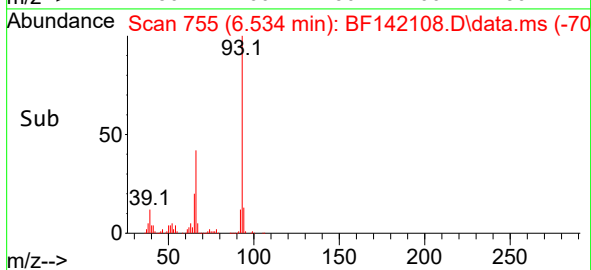
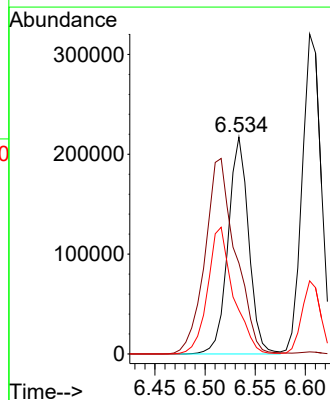
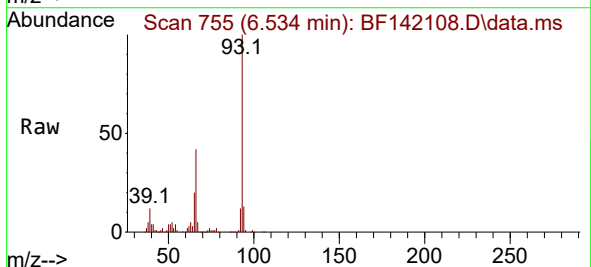
Instrument :
BNA_F
ClientSampleId :
WC-5MS

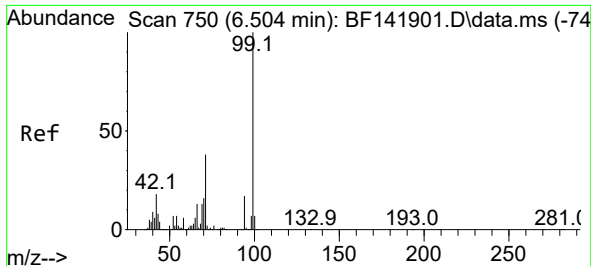
Tgt Ion:112 Resp: 935961
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.3 25.4 38.2



#6
Aniline
Concen: 30.382 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion: 93 Resp: 310834
Ion Ratio Lower Upper
93 100
66 41.9 31.9 47.9
65 20.2 15.8 23.6



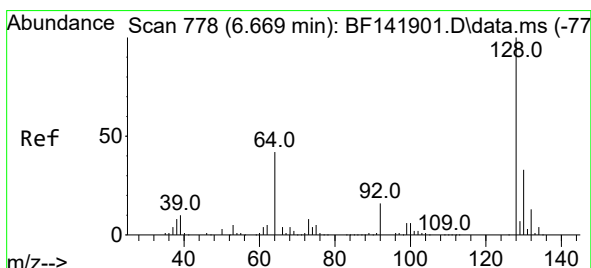
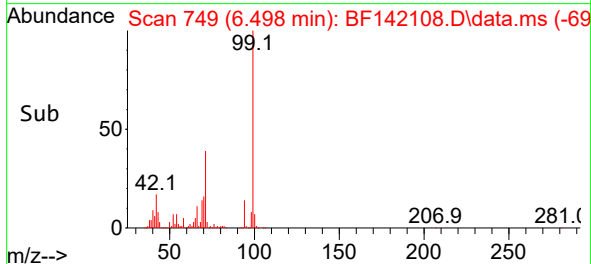
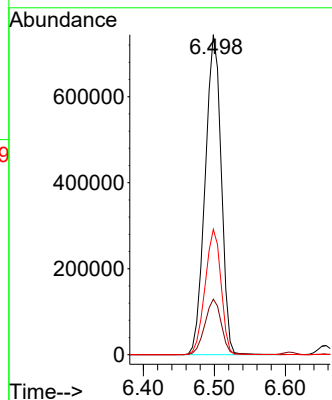
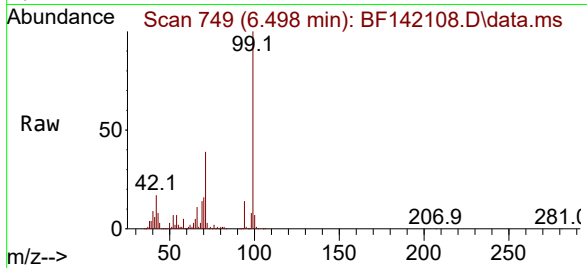


#7
Phenol-d6
Concen: 113.371 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion: 99 Resp: 1175783

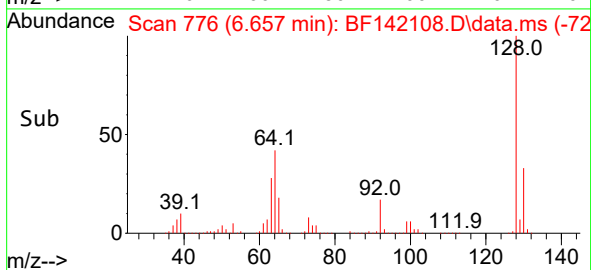
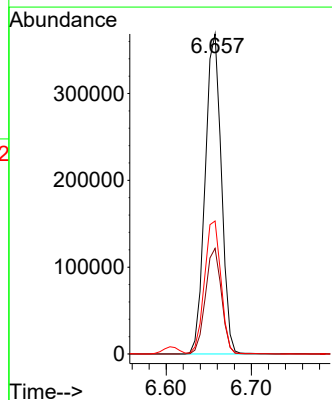
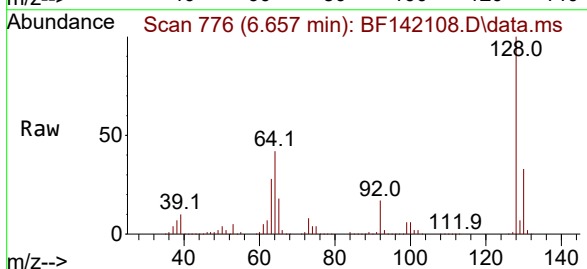
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	39.1	30.8	46.2

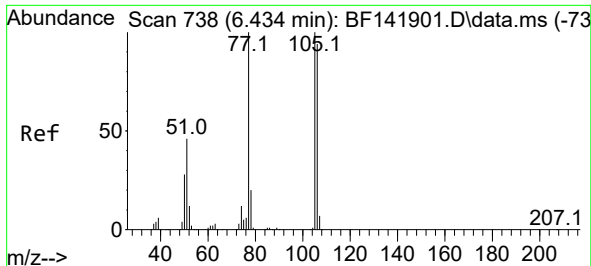


#8
2-Chlorophenol
Concen: 53.897 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion: 128 Resp: 486911

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	41.5	24.4	64.4

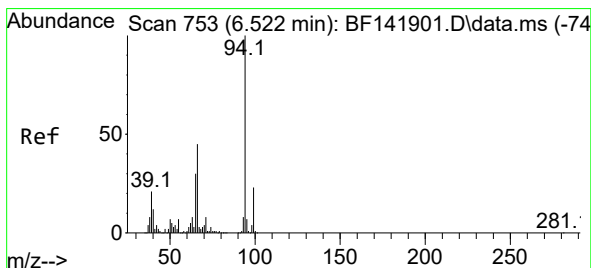
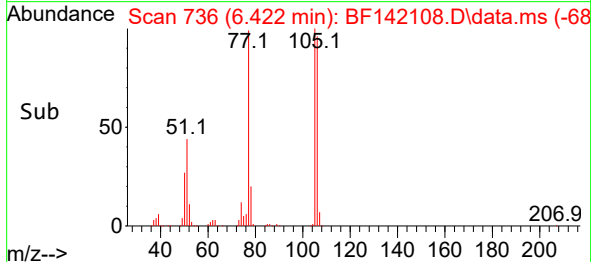
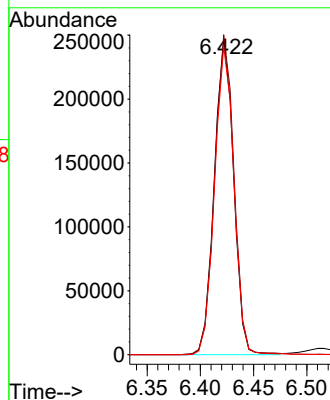
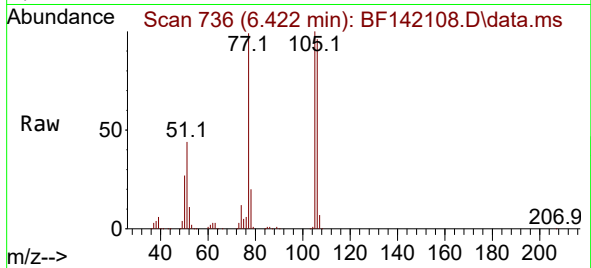




#9
Benzaldehyde
Concen: 53.597 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

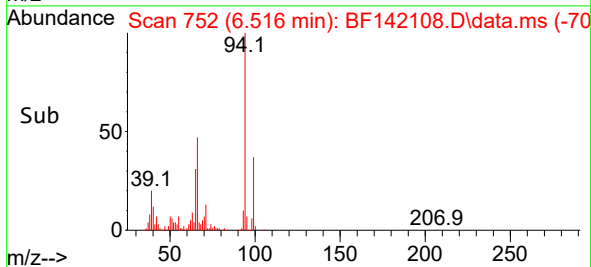
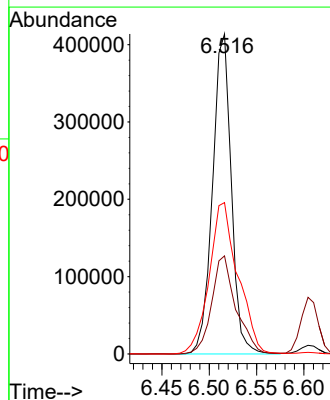
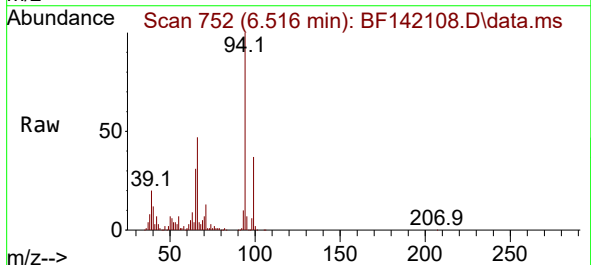
Instrument :
BNA_F
ClientSampleId :
WC-5MS

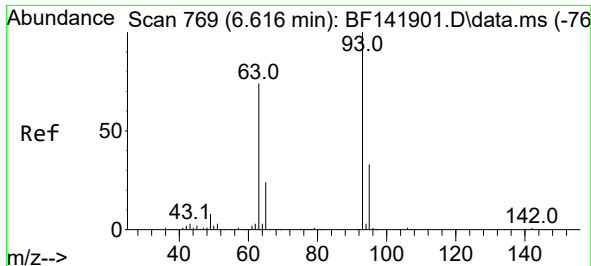
Tgt Ion: 77 Resp: 310879
Ion Ratio Lower Upper
77 100
105 101.2 80.0 120.0
106 97.3 74.5 114.5



#10
Phenol
Concen: 52.367 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion: 94 Resp: 571358
Ion Ratio Lower Upper
94 100
65 30.7 10.5 50.5
66 47.3 25.8 65.8

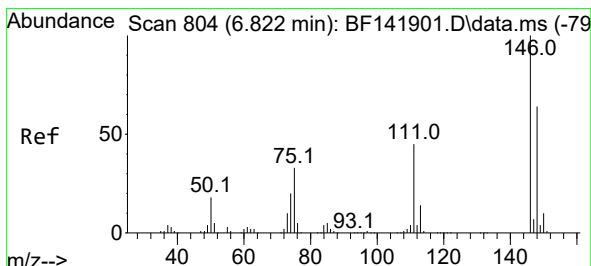
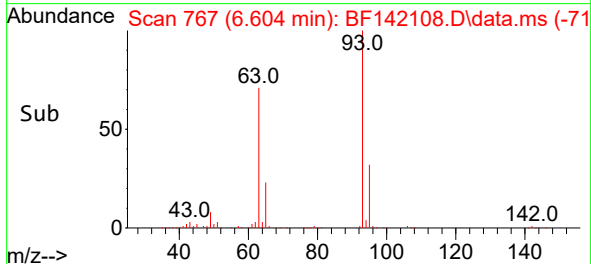
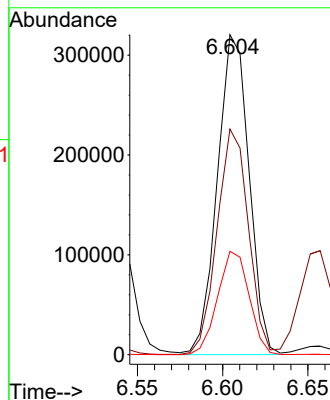
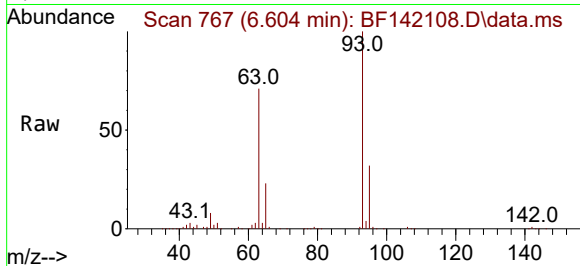




#11
bis(2-Chloroethyl)ether
Concen: 50.619 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

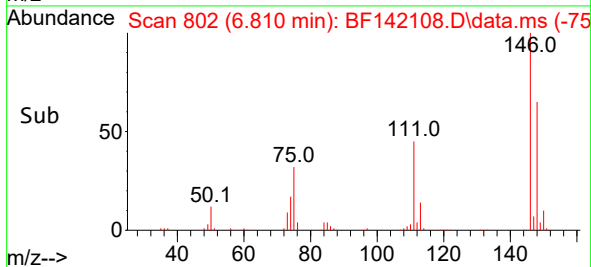
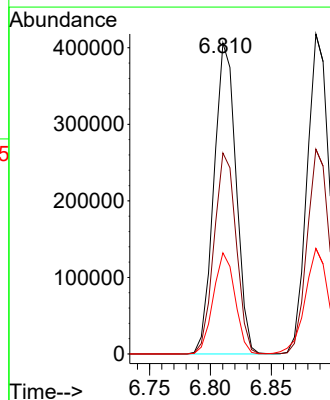
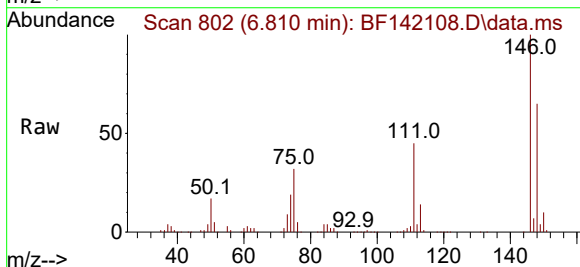
Instrument :
BNA_F
ClientSampleId :
WC-5MS

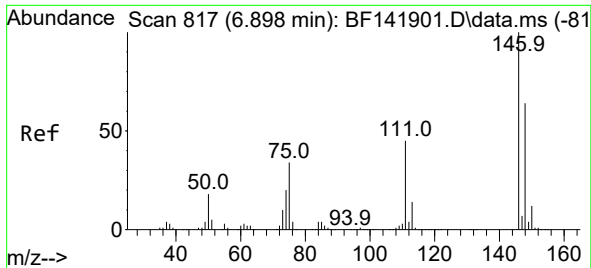
Tgt Ion: 93	Resp: 414704
Ion Ratio	Lower Upper
93 100	
63 70.5	53.0 93.0
95 32.3	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.732 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:146	Resp: 514305		
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
75	32.5	26.6	40.0

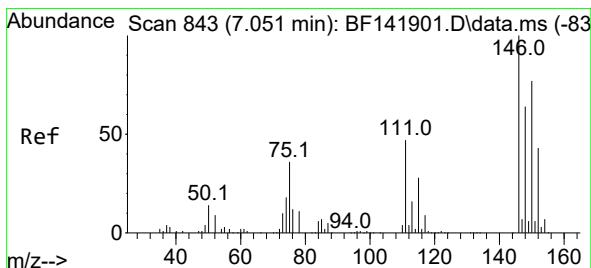
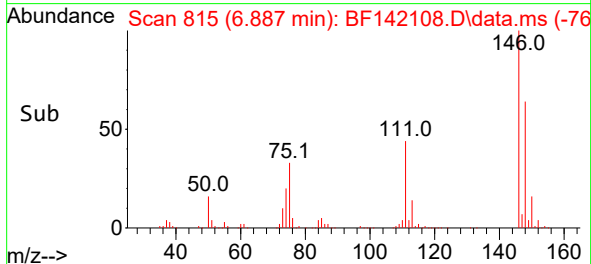
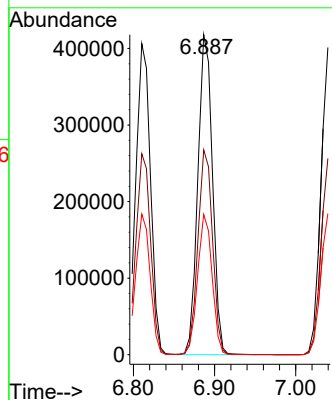
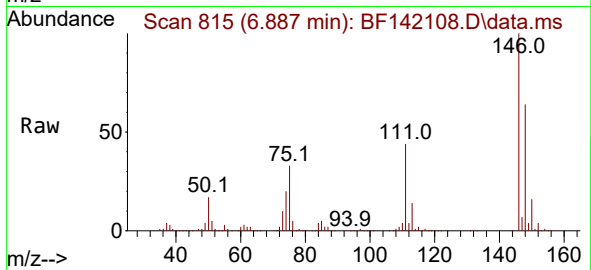




#13
 1,4-Dichlorobenzene
 Concen: 53.208 ng
 RT: 6.887 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

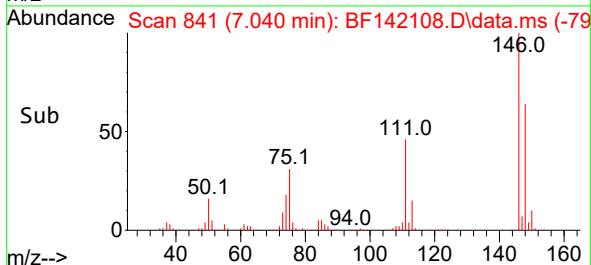
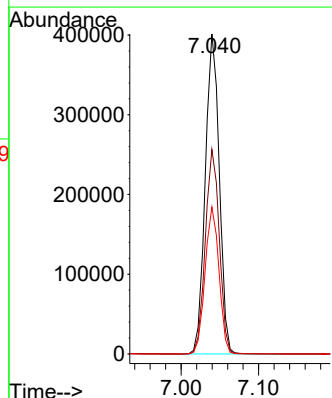
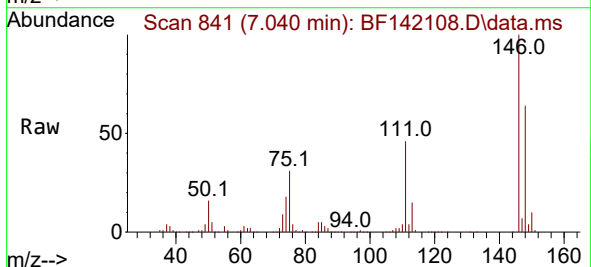
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

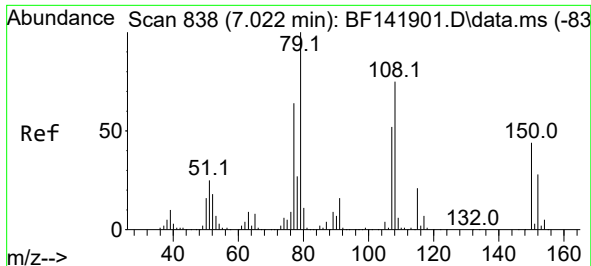
Tgt Ion:146 Resp: 525070
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 43.9 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 54.162 ng
 RT: 7.040 min Scan# 841
 Delta R.T. -0.012 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Tgt Ion:146 Resp: 503431
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 45.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 50.458 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

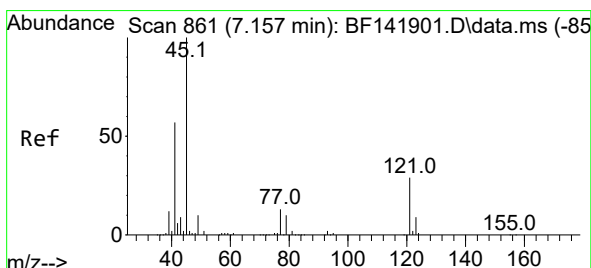
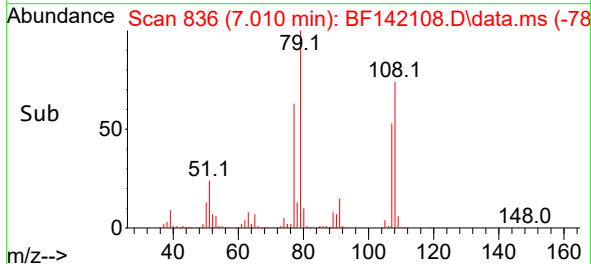
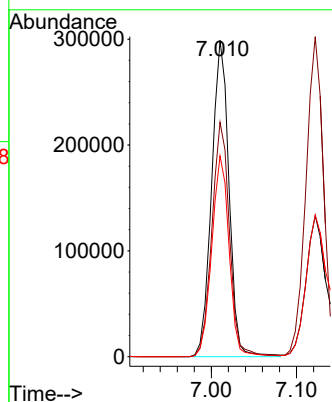
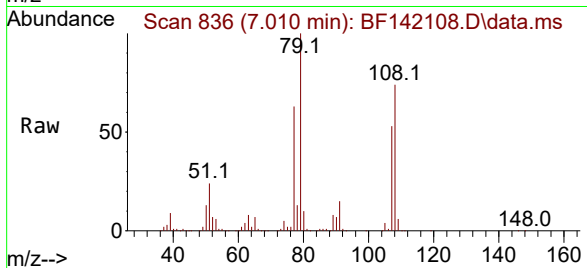
Tgt Ion: 79 Resp: 423059

Ion Ratio Lower Upper

79 100

108 74.1 59.7 89.5

77 63.5 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.496 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

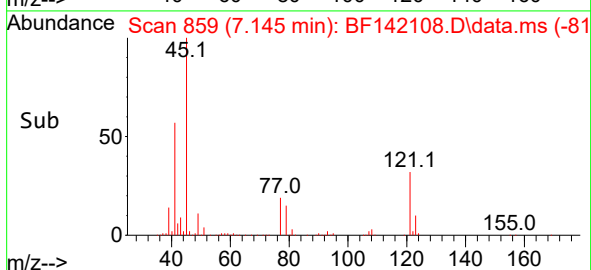
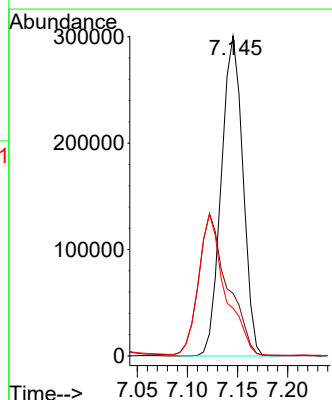
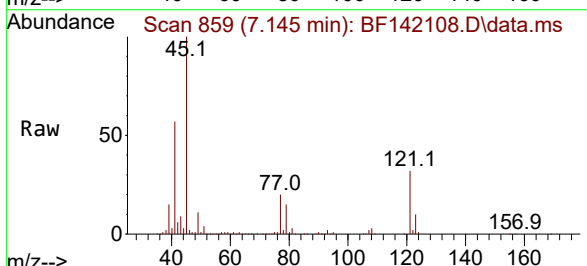
Tgt Ion: 45 Resp: 449995

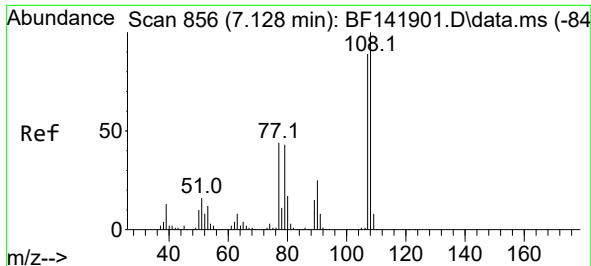
Ion Ratio Lower Upper

45 100

77 19.6 0.0 37.8

79 14.9 0.0 34.2

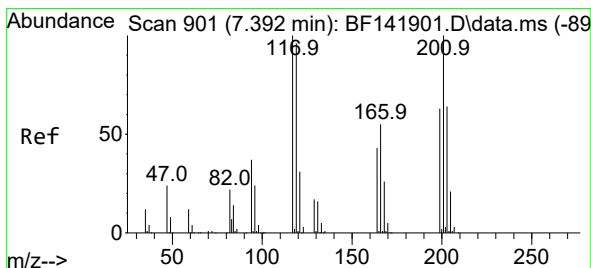
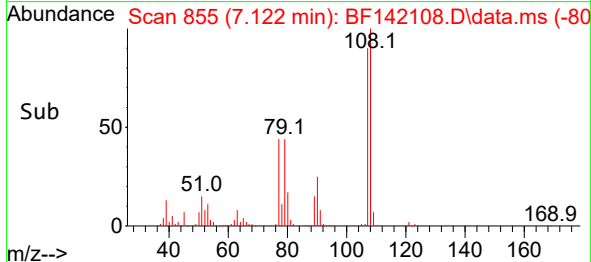
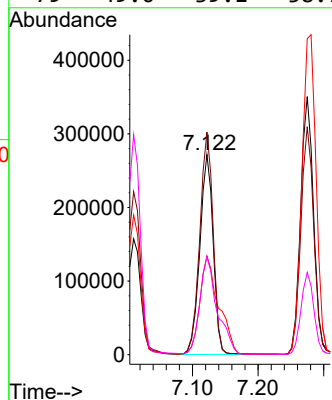
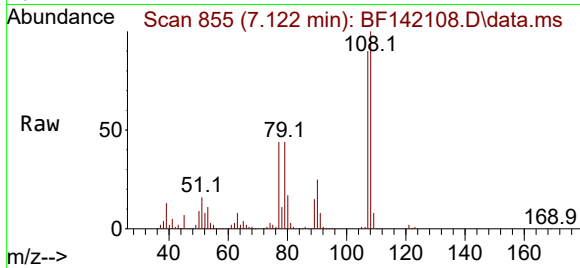




#17
2-Methylphenol
Concen: 53.781 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

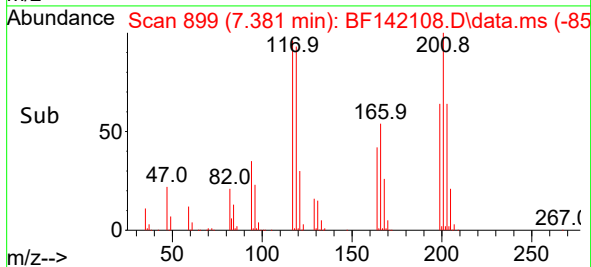
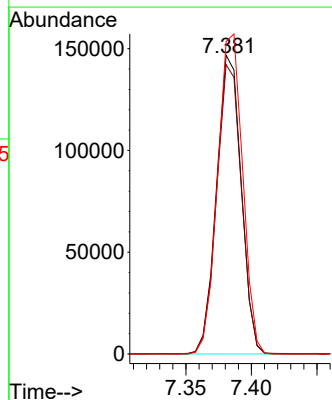
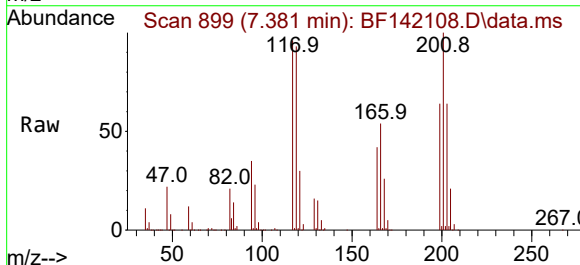
Instrument :
BNA_F
ClientSampleId :
WC-5MS

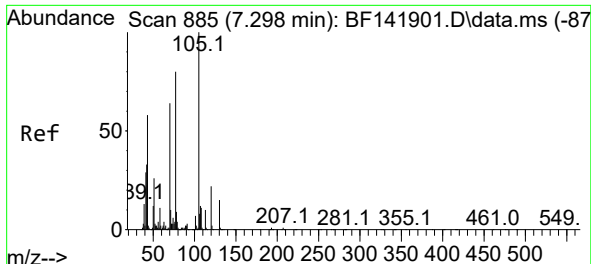
Tgt Ion:	107	Resp:	386306
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.2	135.2
77	49.3	39.6	59.4
79	49.0	39.1	58.7



#18
Hexachloroethane
Concen: 51.840 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:	117	Resp:	191834
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	104.6	79.9	119.9

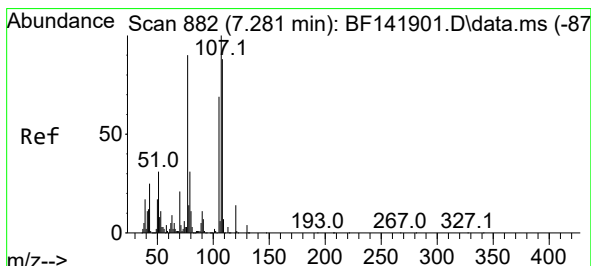
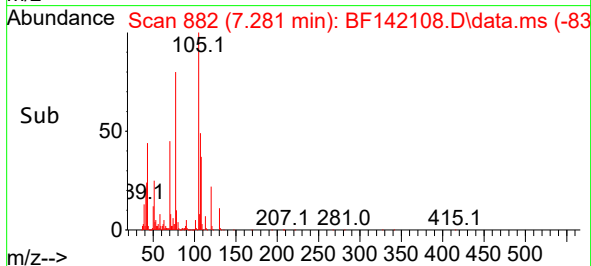
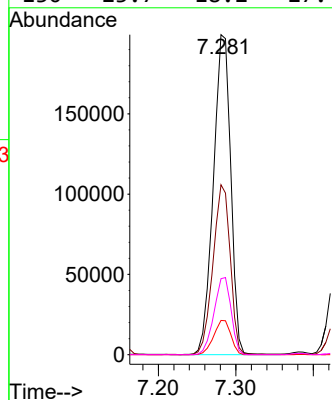
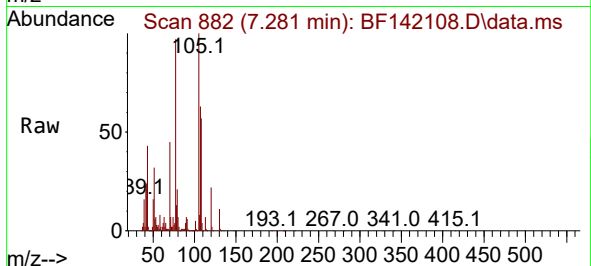




#19
n-Nitroso-di-n-propylamine
Concen: 46.690 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

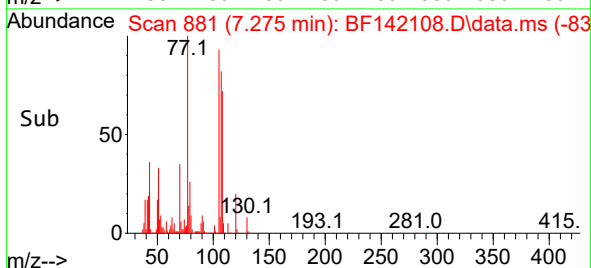
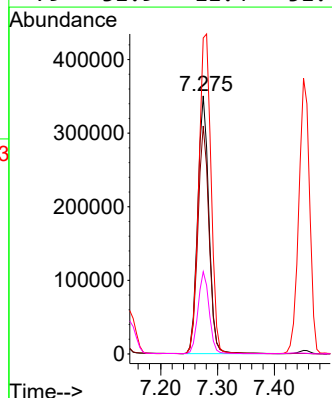
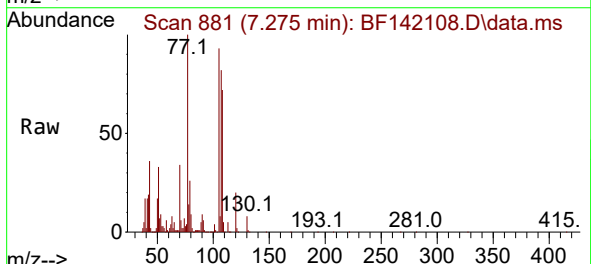
Instrument :
BNA_F
ClientSampleId :
WC-5MS

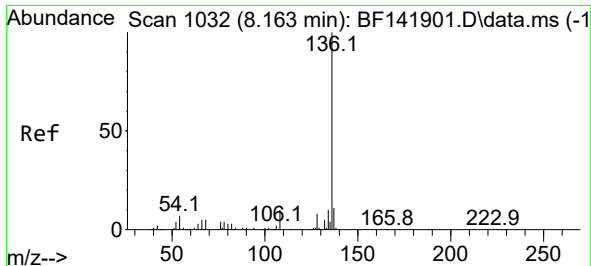
Tgt Ion: 70 Resp: 311144
Ion Ratio Lower Upper
70 100
42 53.1 41.4 62.0
101 10.7 8.2 12.2
130 23.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 52.290 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:107 Resp: 481095
Ion Ratio Lower Upper
107 100
108 88.3 68.4 108.4
77 122.4 69.7 109.7#
79 31.9 11.4 51.4

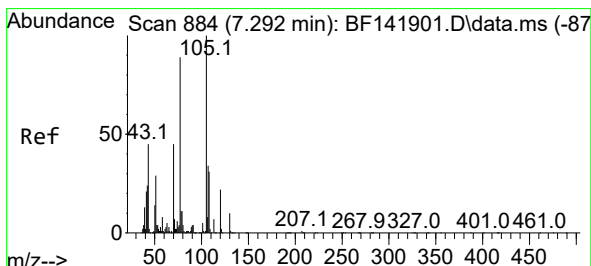
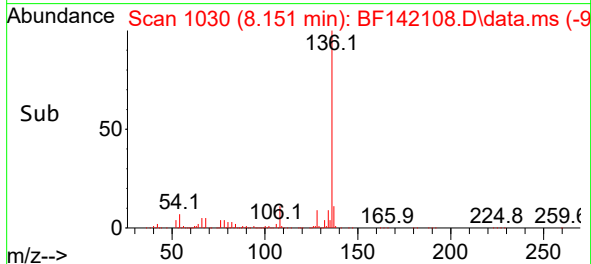
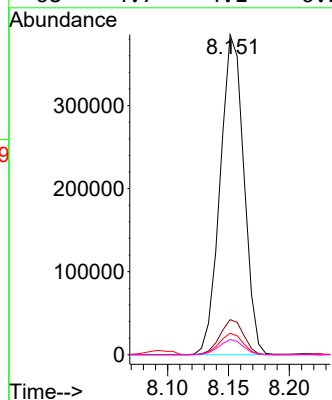
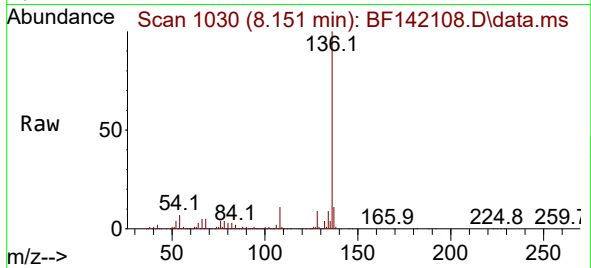




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

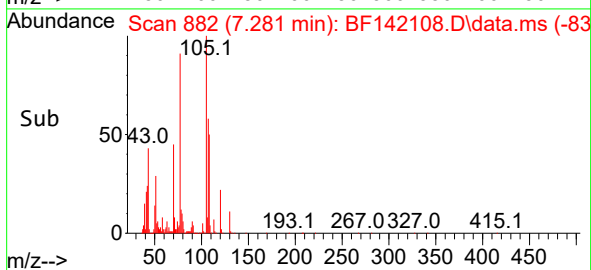
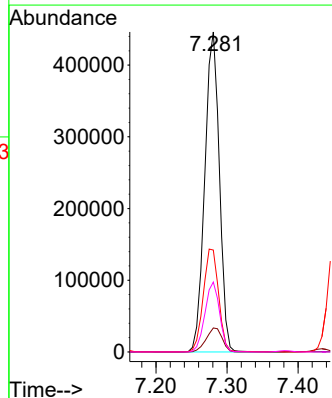
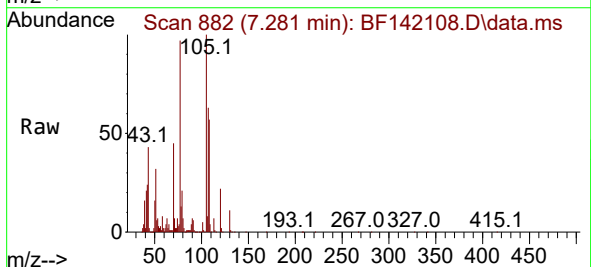
Instrument :
BNA_F
ClientSampleId :
WC-5MS

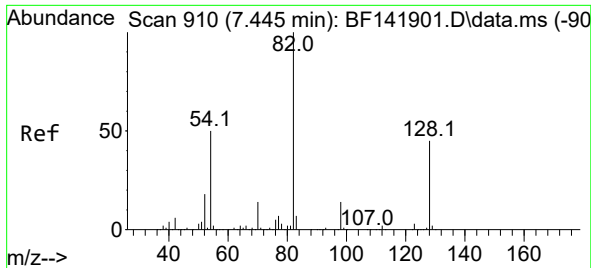
Tgt Ion:	136	Resp:	522635
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.7	5.8	8.8
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 51.072 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:	105	Resp:	639215
Ion Ratio	Lower	Upper	
105	100		
71	7.5	5.8	8.8
51	31.9	23.4	35.0
120	21.9	17.3	25.9

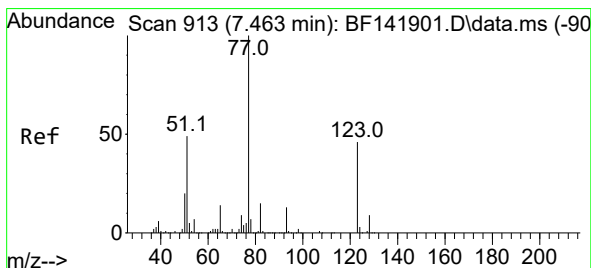
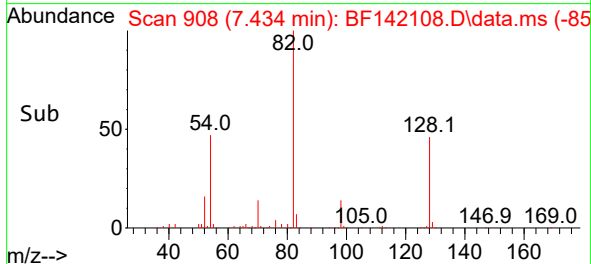
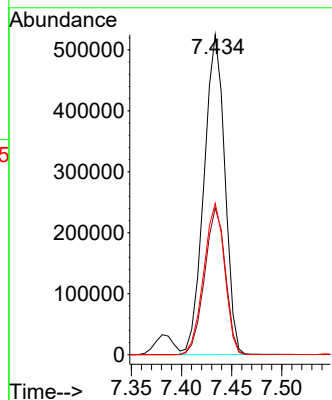
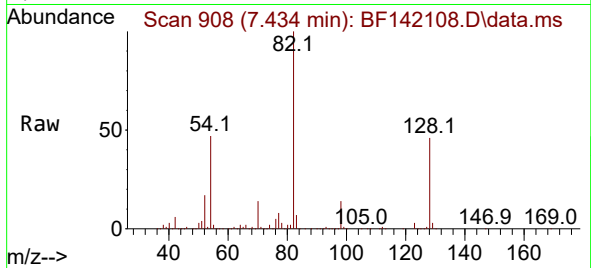




#23
Nitrobenzene-d5
Concen: 81.779 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

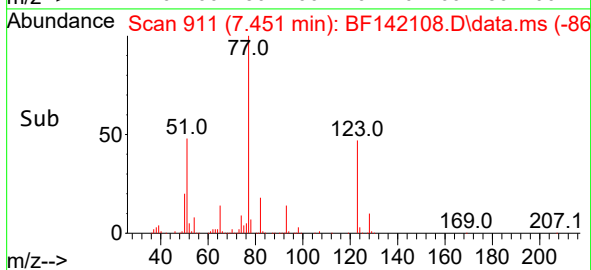
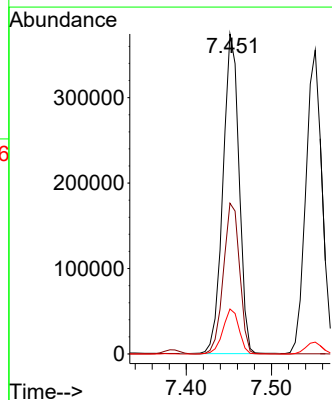
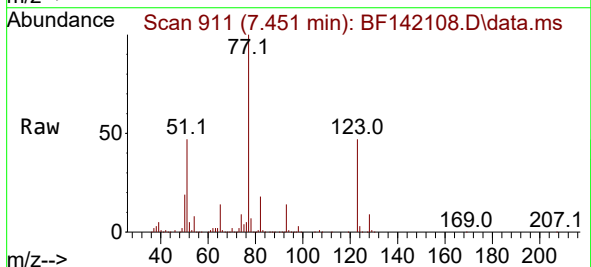
Instrument :
BNA_F
ClientSampleId :
WC-5MS

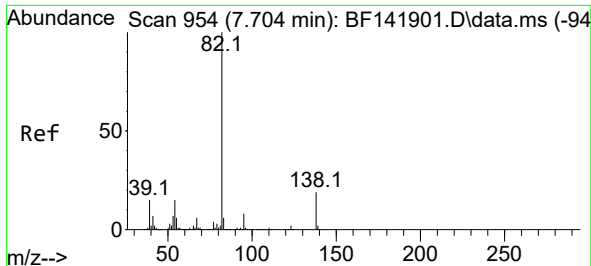
Tgt Ion: 82 Resp: 759482
Ion Ratio Lower Upper
82 100
128 45.9 36.0 54.0
54 47.3 39.6 59.4



#24
Nitrobenzene
Concen: 53.209 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion: 77 Resp: 491244
Ion Ratio Lower Upper
77 100
123 47.1 37.0 55.4
65 14.0 11.3 16.9

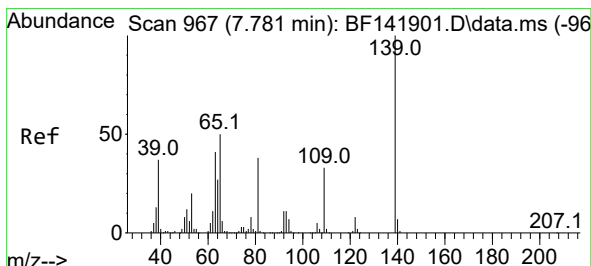
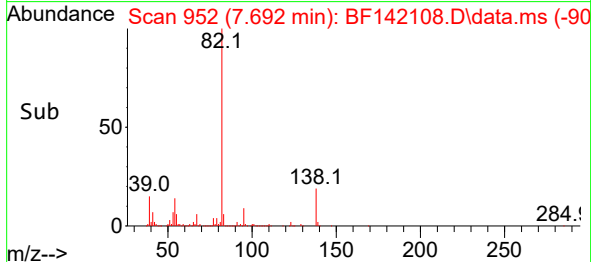
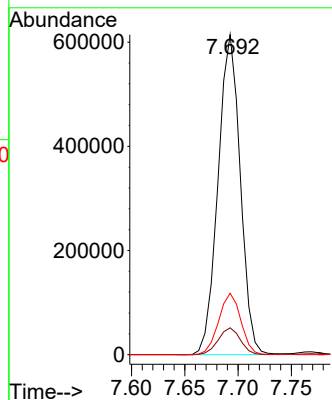
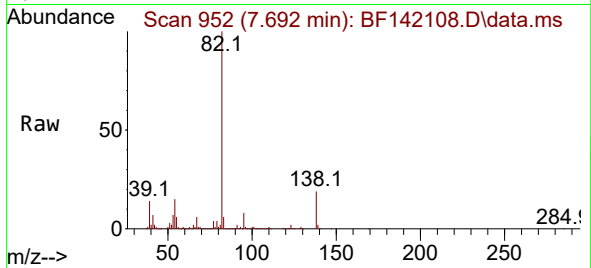




#25
Isophorone
Concen: 54.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

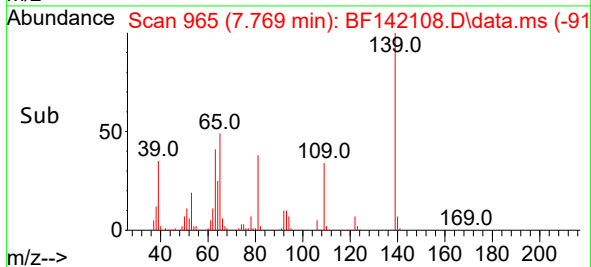
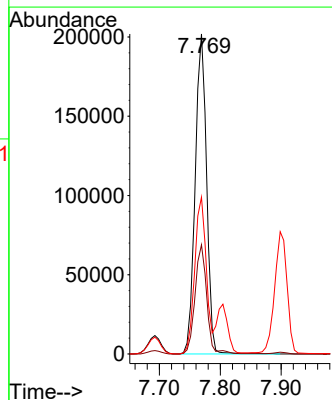
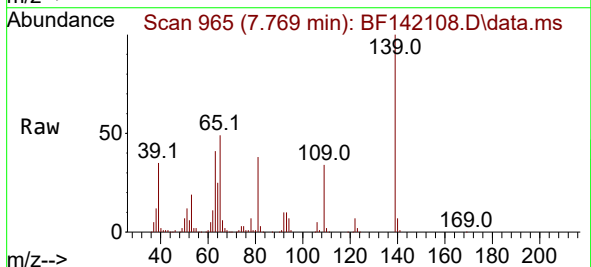
Instrument :
BNA_F
ClientSampleId :
WC-5MS

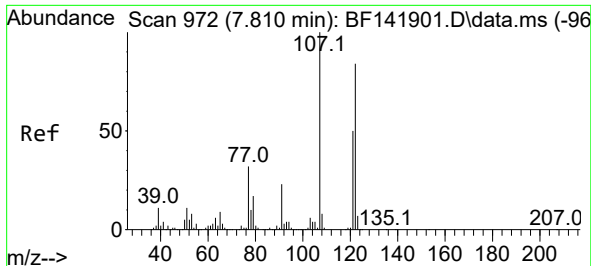
Tgt Ion: 82 Resp: 889393
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 57.831 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:139 Resp: 262046
Ion Ratio Lower Upper
139 100
109 34.1 26.5 39.7
65 49.0 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 69.289 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

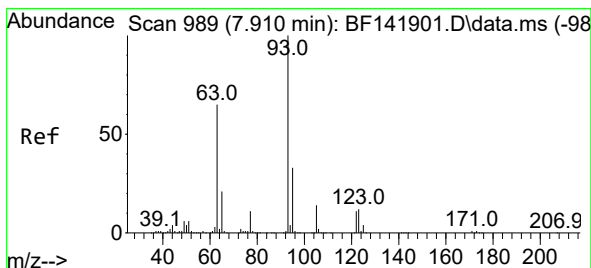
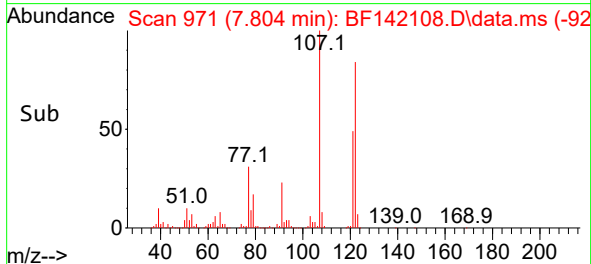
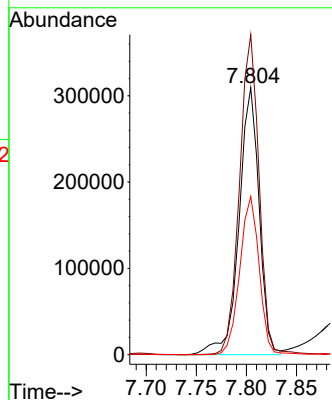
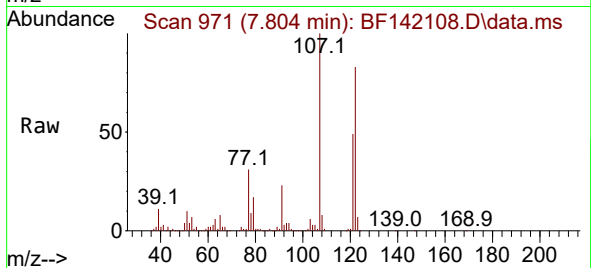
Tgt Ion:122 Resp: 432318

Ion Ratio Lower Upper

122 100

107 119.8 94.8 142.2

121 59.2 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 51.679 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

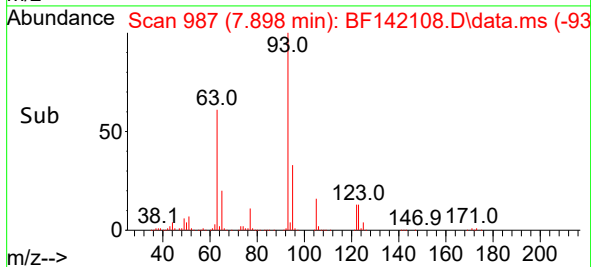
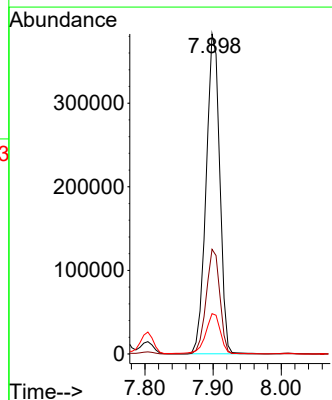
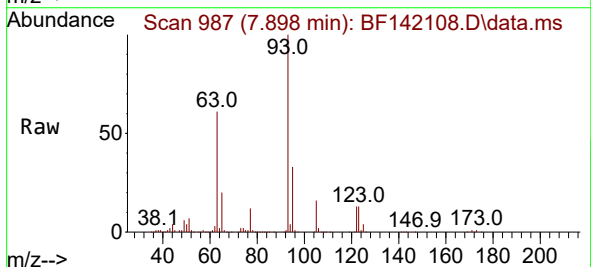
Tgt Ion: 93 Resp: 532112

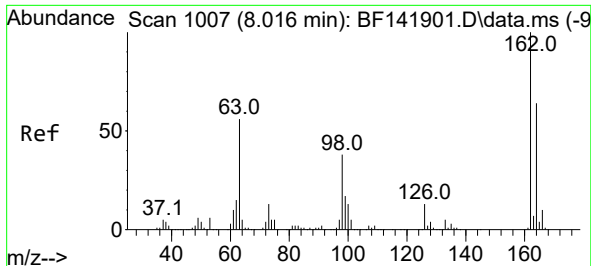
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 54.613 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

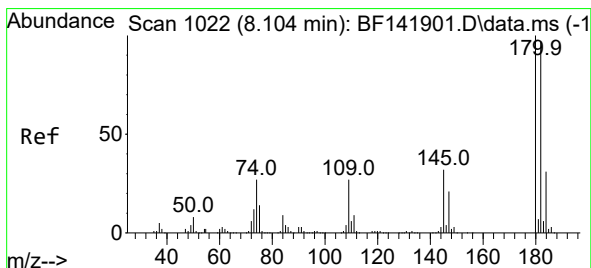
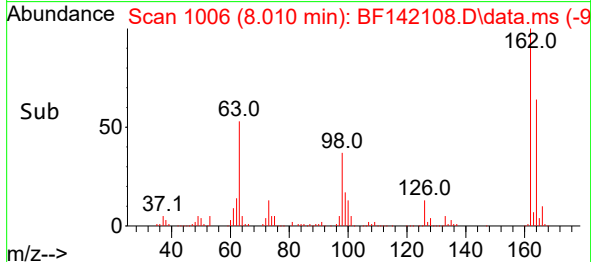
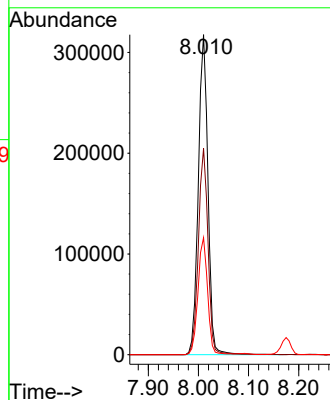
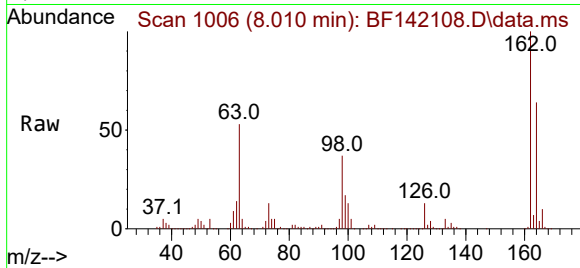
Tgt Ion:162 Resp: 422948

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 36.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 54.696 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

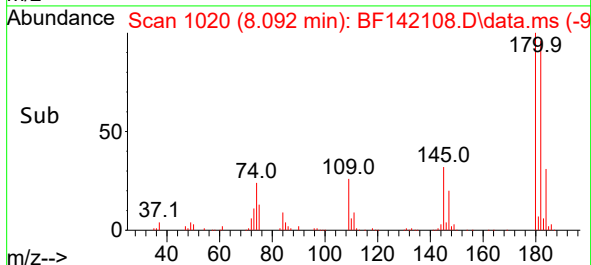
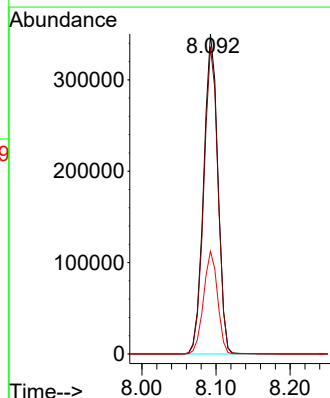
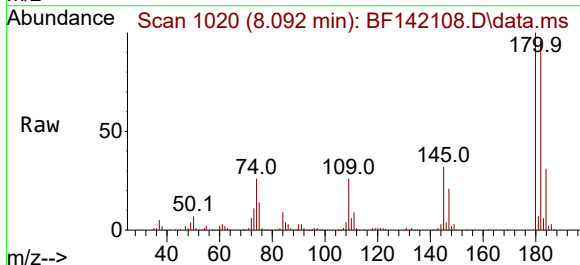
Tgt Ion:180 Resp: 466810

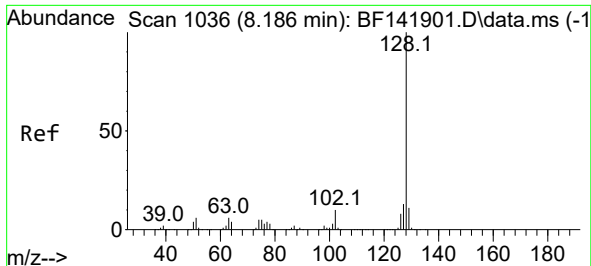
Ion Ratio Lower Upper

180 100

182 96.0 77.5 116.3

145 32.1 25.8 38.6

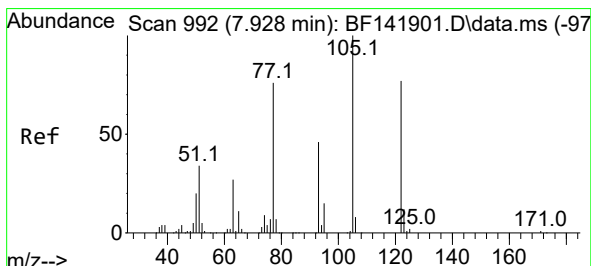
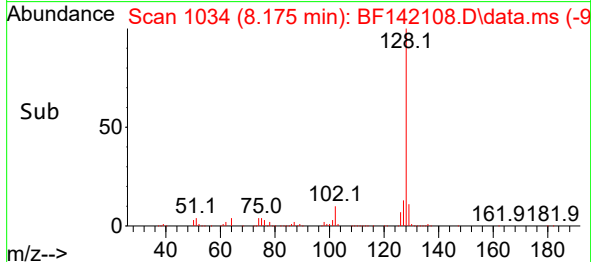
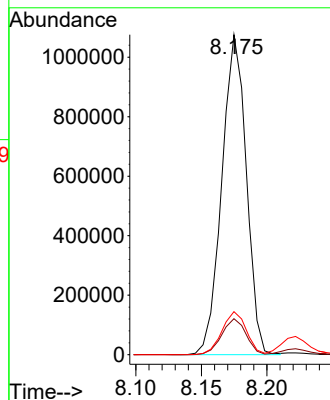
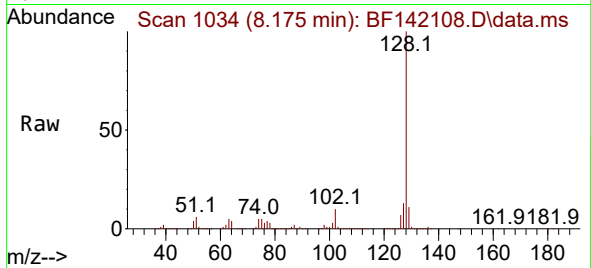




#31
Naphthalene
Concen: 52.004 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

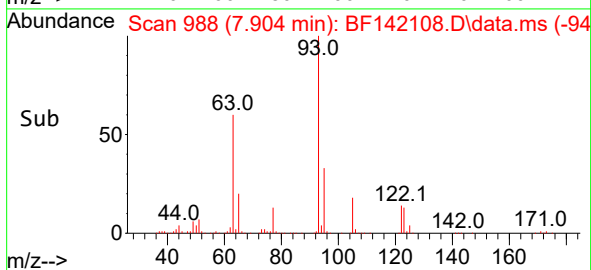
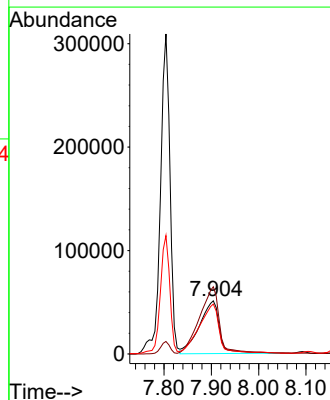
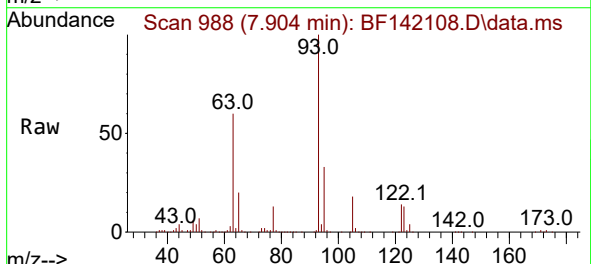
Instrument :
BNA_F
ClientSampleId :
WC-5MS

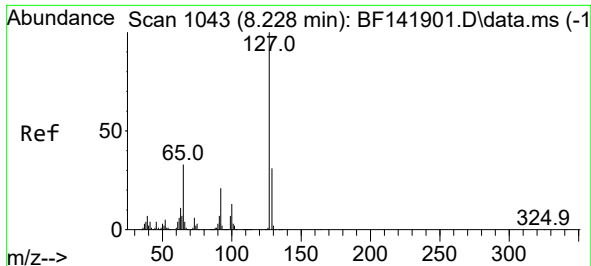
Tgt Ion:128 Resp: 1396145
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 27.679 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.024 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:122 Resp: 151806
Ion Ratio Lower Upper
122 100
105 126.7 107.9 147.9
77 94.2 79.0 119.0

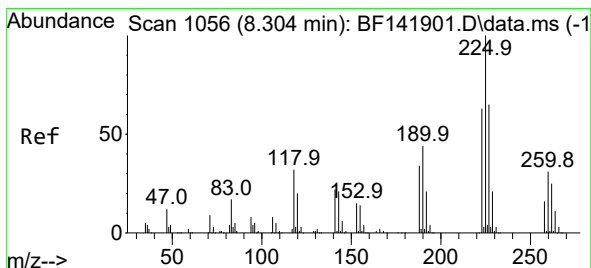
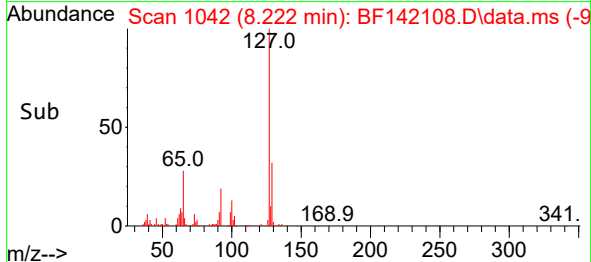
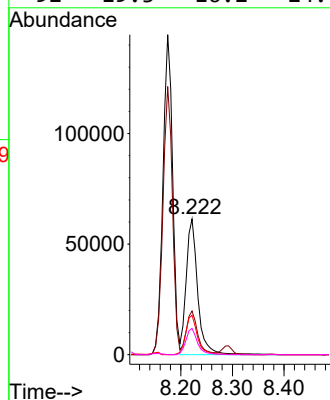
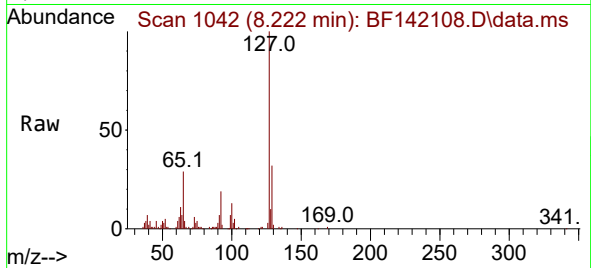




#33
4-Chloroaniline
Concen: 10.087 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

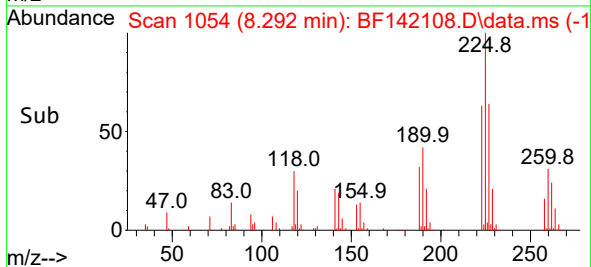
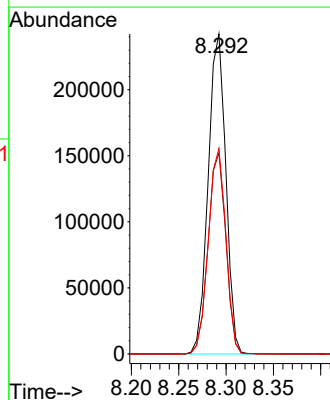
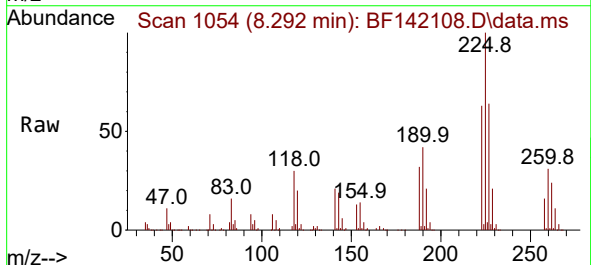
Instrument :
BNA_F
ClientSampleId :
WC-5MS

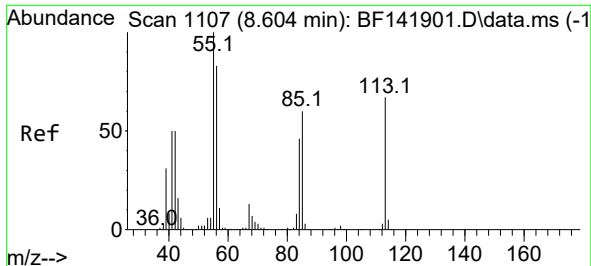
Tgt Ion:127	Resp:	95601
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.4
65	29.1	25.4 38.2
92	19.3	16.2 24.4



#34
Hexachlorobutadiene
Concen: 56.255 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:225	Resp:	313112
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.6 75.8
227	64.2	52.2 78.2

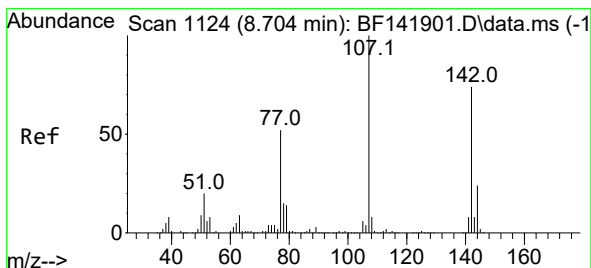
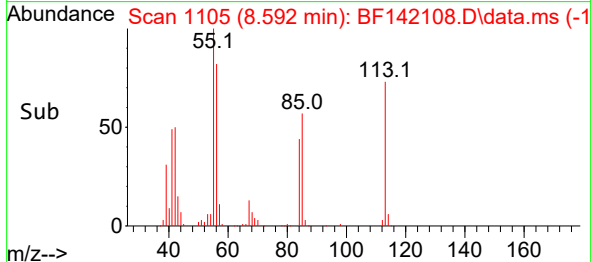
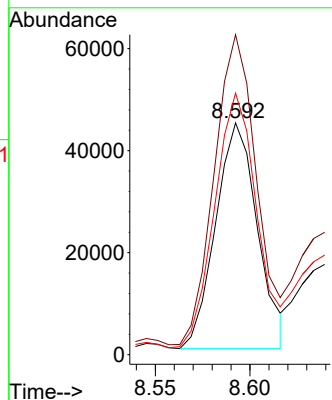
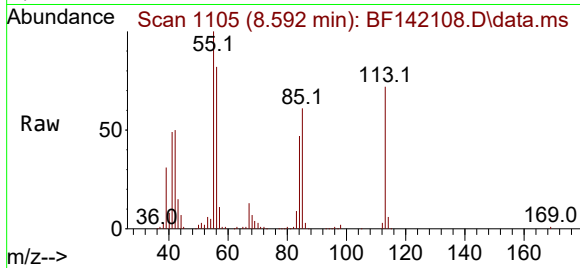




#35
 Caprolactam
 Concen: 28.746 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

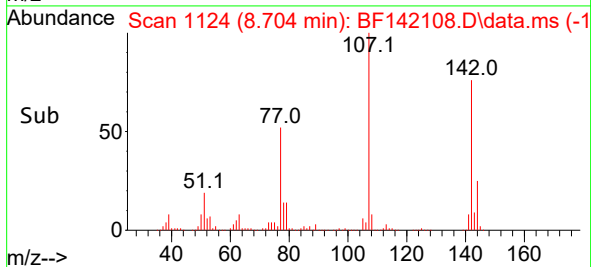
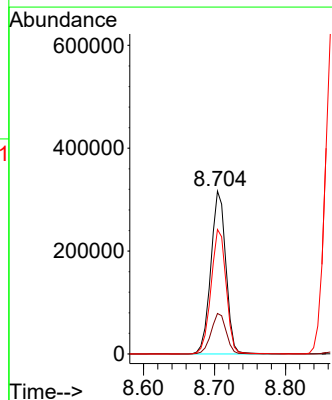
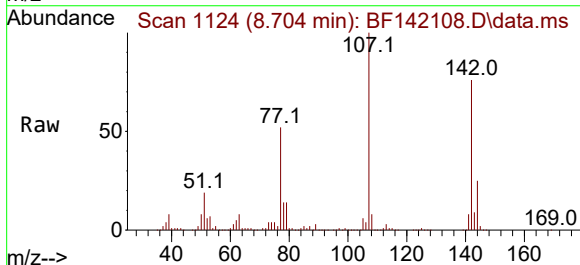
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

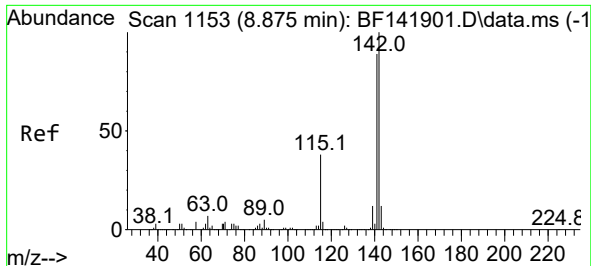
Tgt Ion:113 Resp: 67873
 Ion Ratio Lower Upper
 113 100
 55 138.1 129.6 169.6
 56 112.9 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.958 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Tgt Ion:107 Resp: 466144
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.6
 142 76.4 59.2 88.8

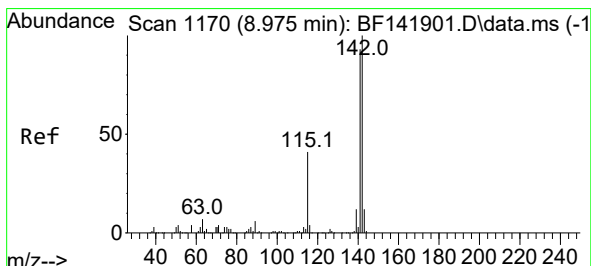
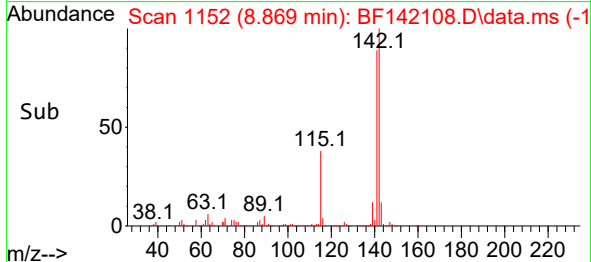
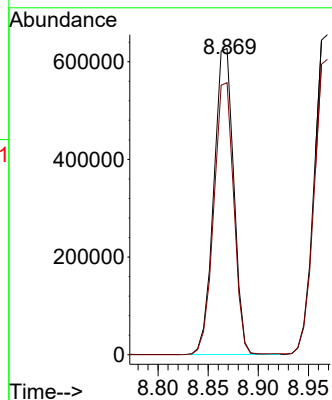
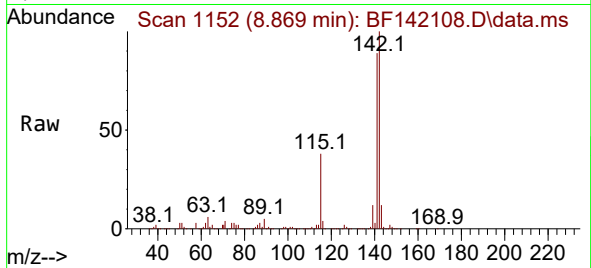




#37
2-Methylnaphthalene
Concen: 48.265 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

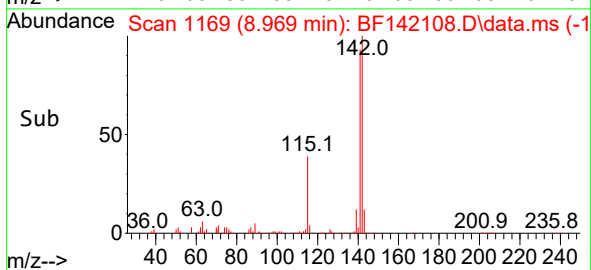
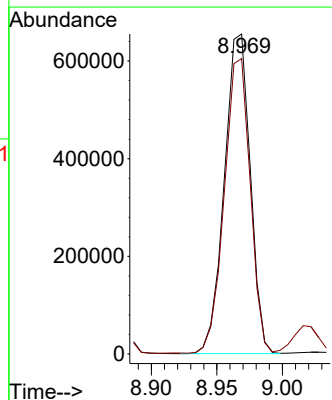
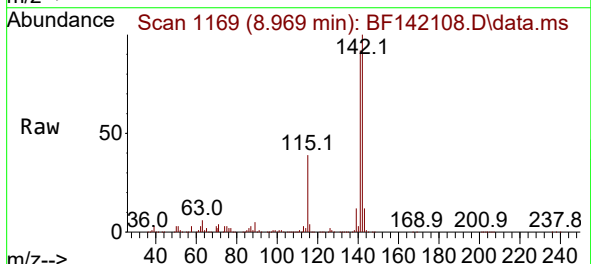
Instrument :
BNA_F
ClientSampleId :
WC-5MS

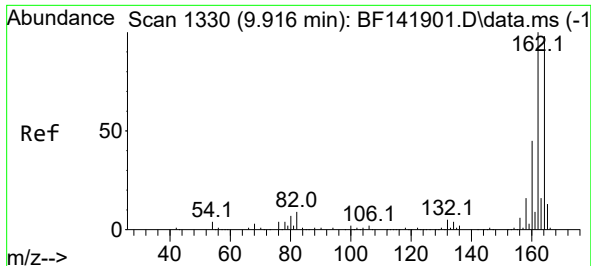
Tgt Ion:142 Resp: 866104
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 52.021 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:142 Resp: 900813
Ion Ratio Lower Upper
142 100
141 92.3 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: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

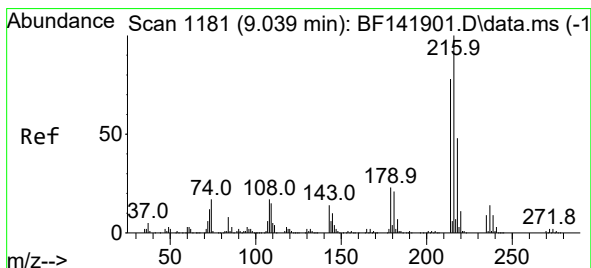
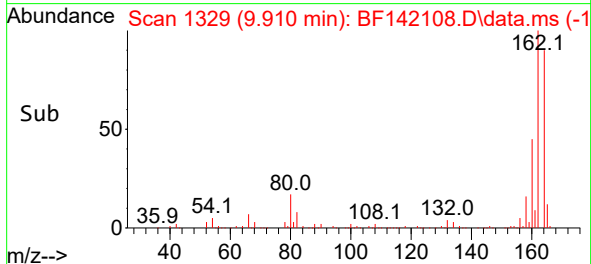
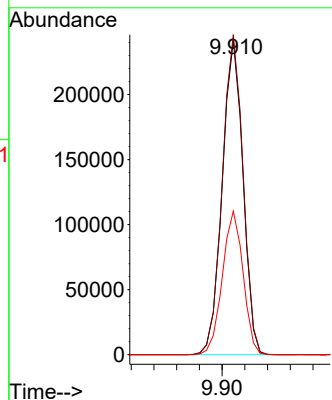
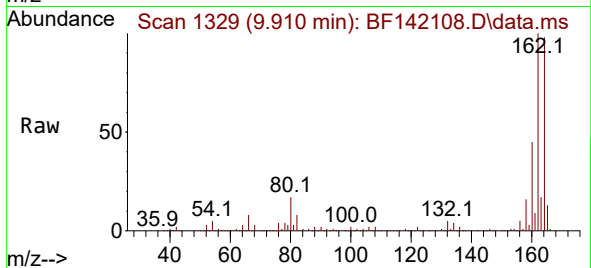
Tgt Ion:164 Resp: 305798

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.573 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Tgt Ion:216 Resp: 498781

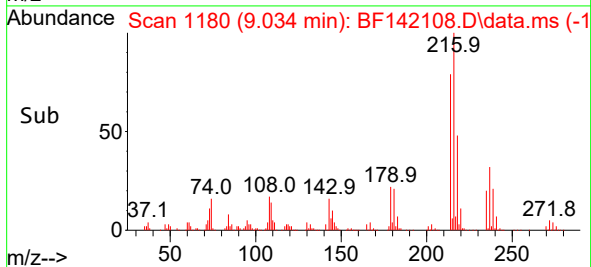
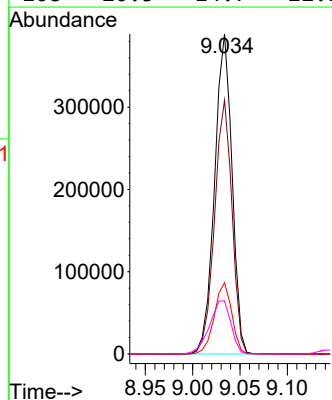
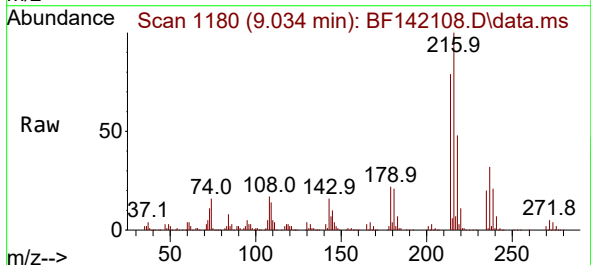
Ion Ratio Lower Upper

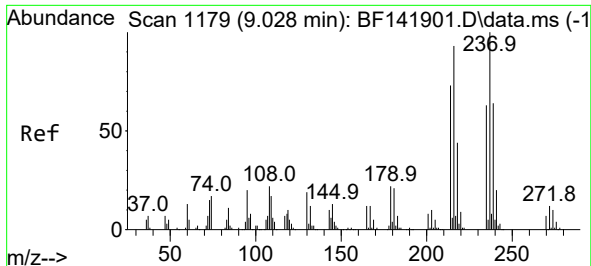
216 100

214 79.3 61.9 92.9

179 22.3 18.1 27.1

108 20.5 14.7 22.1

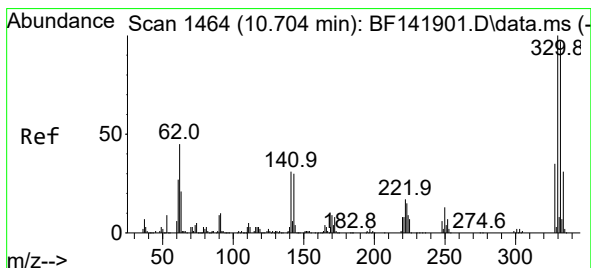
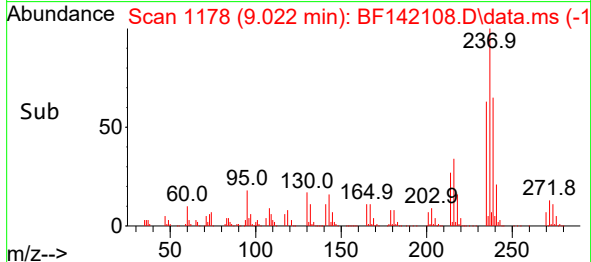
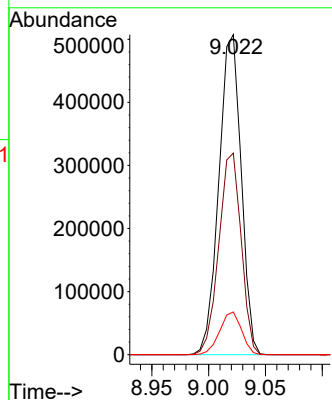
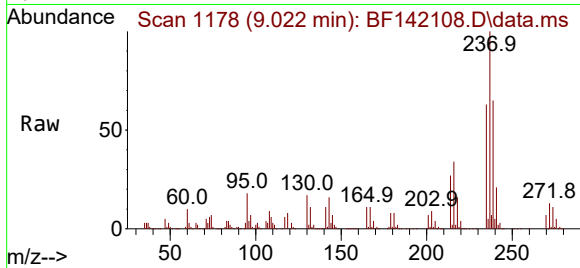




#41
Hexachlorocyclopentadiene
Concen: 190.251 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

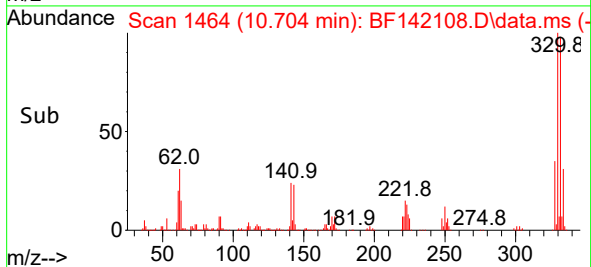
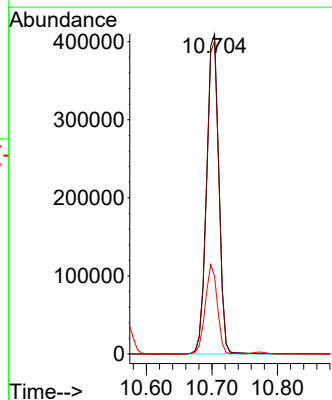
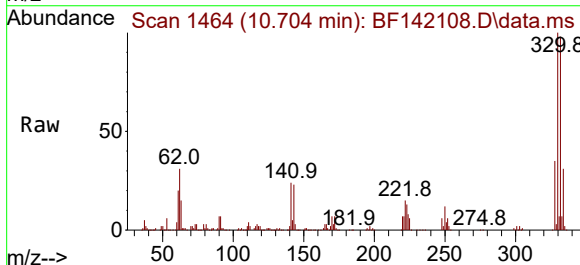
Instrument :
BNA_F
ClientSampleId :
WC-5MS

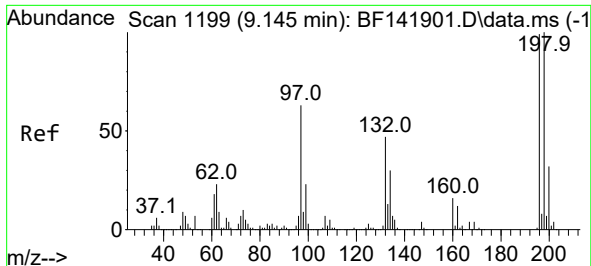
Tgt Ion:237 Resp: 693213
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 137.637 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:330 Resp: 533957
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 27.5 24.7 37.1

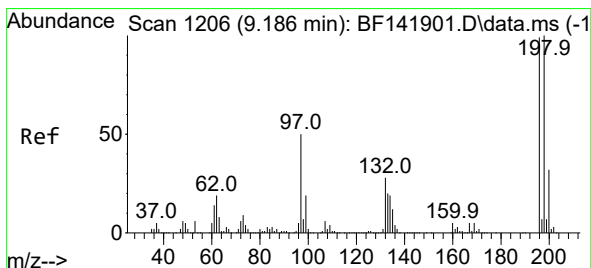
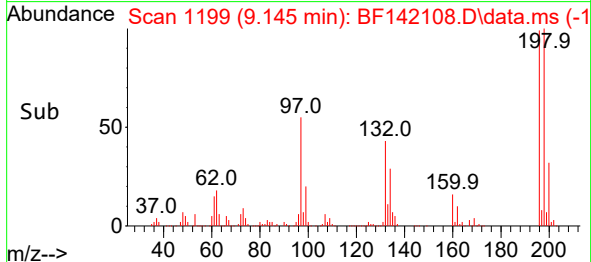
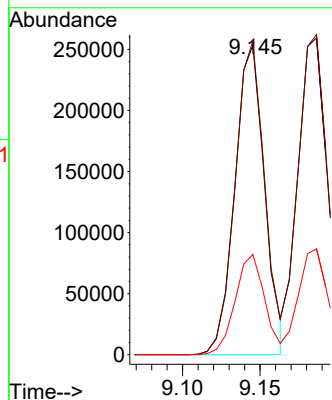
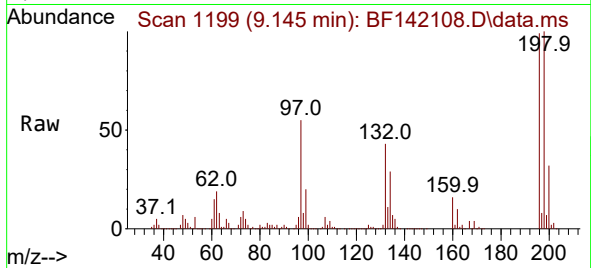




#43
 2,4,6-Trichlorophenol
 Concen: 55.401 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

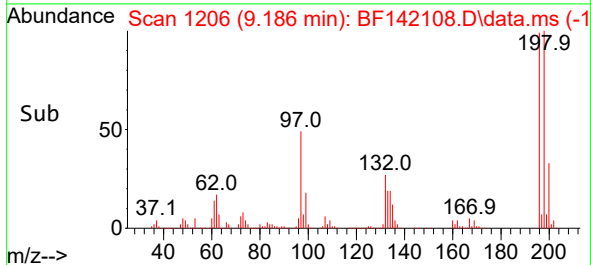
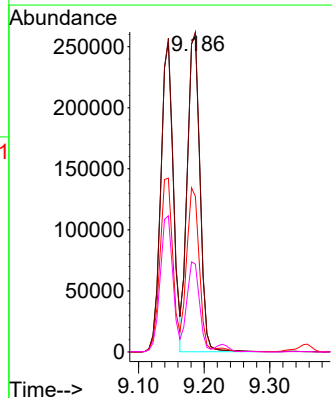
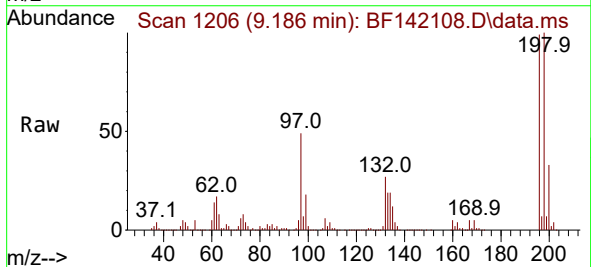
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

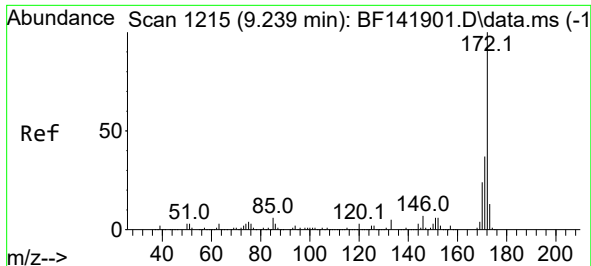
Tgt Ion:196 Resp: 337099
 Ion Ratio Lower Upper
 196 100
 198 101.3 80.6 121.0
 200 32.4 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 56.402 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Tgt Ion:196 Resp: 347581
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.7 121.1
 97 49.1 42.1 63.1
 132 27.7 23.4 35.2

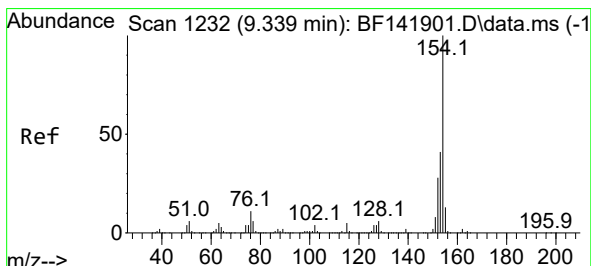
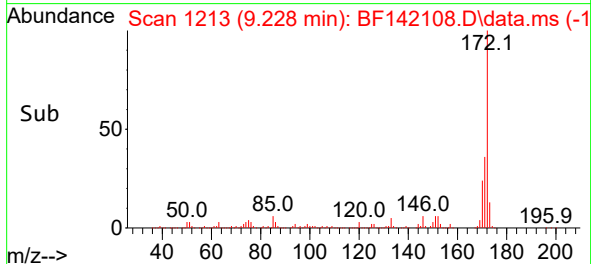
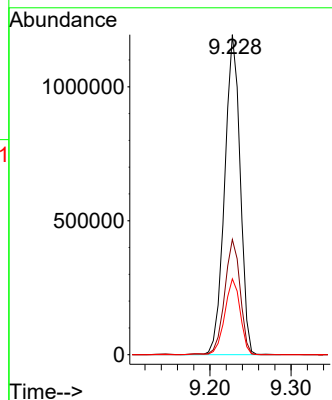
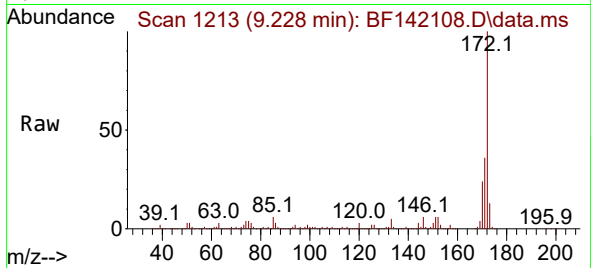




#45
2-Fluorobiphenyl
Concen: 79.003 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

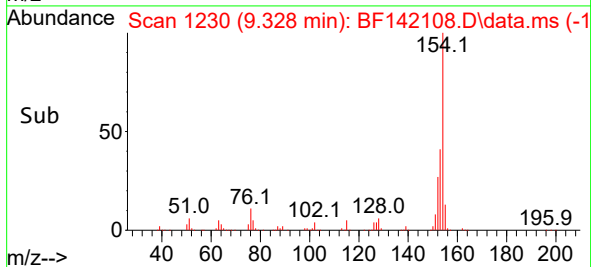
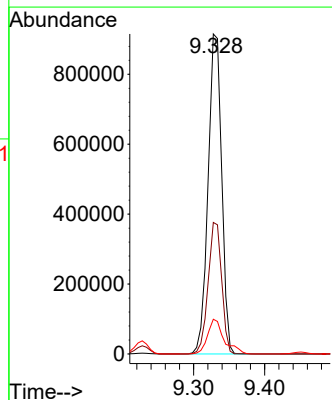
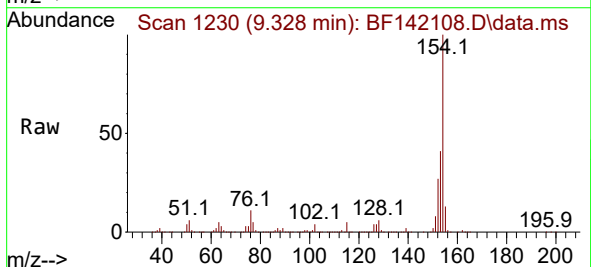
Instrument :
BNA_F
ClientSampleId :
WC-5MS

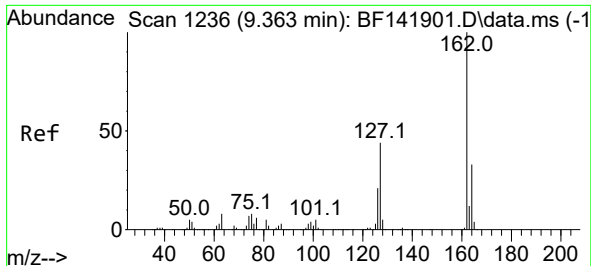
Tgt Ion:172 Resp: 1588567
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.7 19.4 29.0



#46
1,1'-Biphenyl
Concen: 52.600 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:154 Resp: 1222161
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.9 0.0 31.3

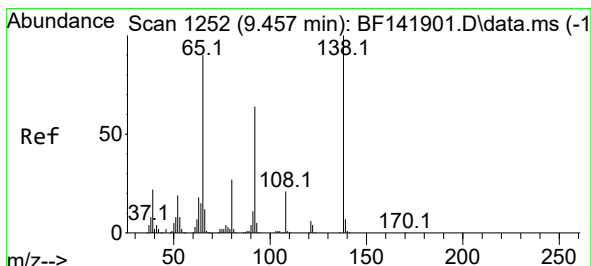
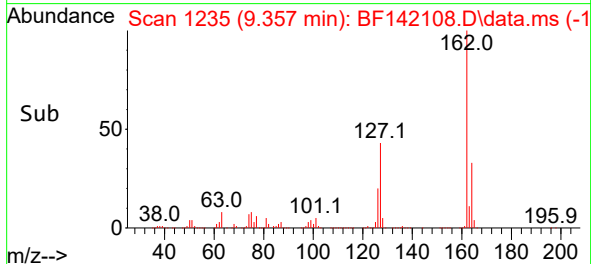
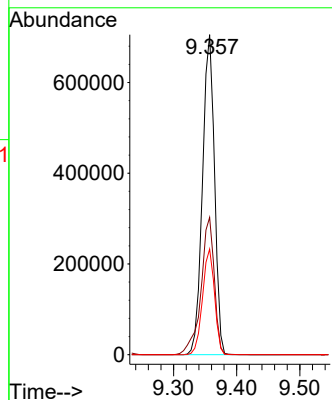
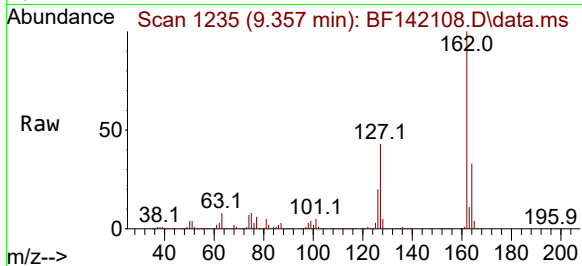




#47
2-Chloronaphthalene
Concen: 53.851 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

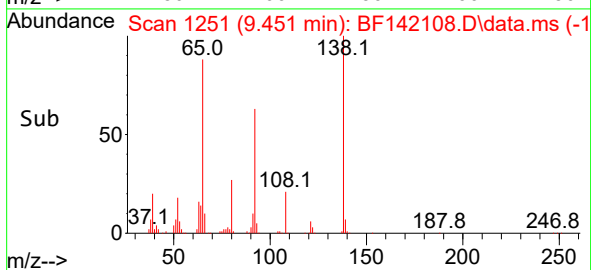
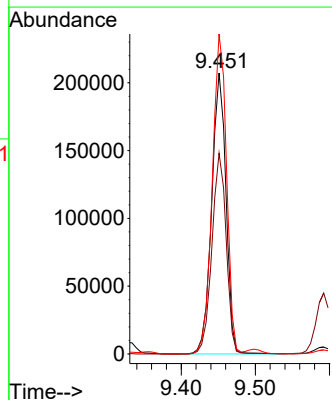
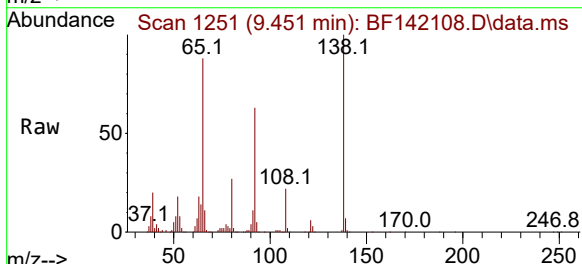
Instrument :
BNA_F
ClientSampleId :
WC-5MS

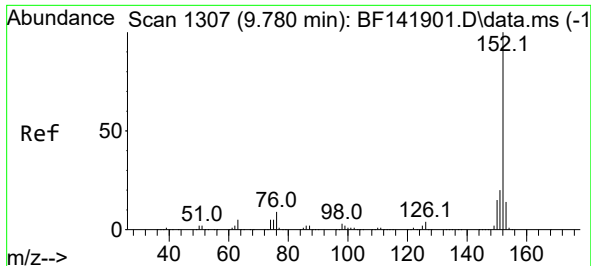
Tgt Ion:162 Resp: 932600
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 55.357 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion: 65 Resp: 277579
Ion Ratio Lower Upper
65 100
92 71.4 56.6 84.8
138 113.9 88.6 133.0





#49

Acenaphthylene

Concen: 57.658 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

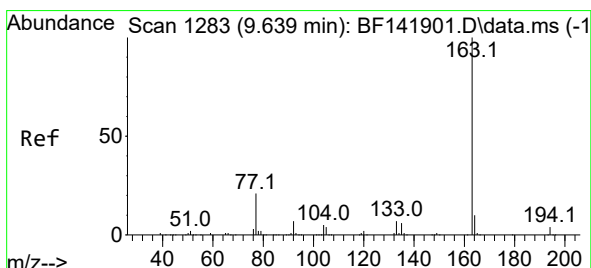
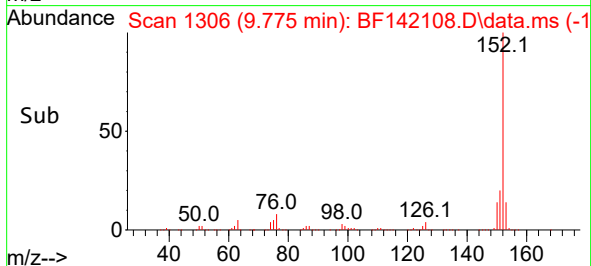
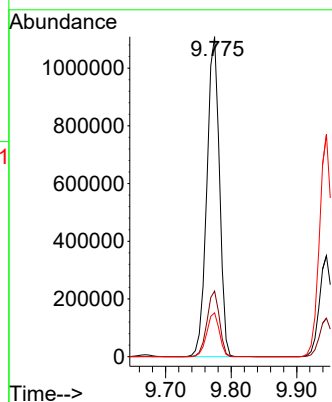
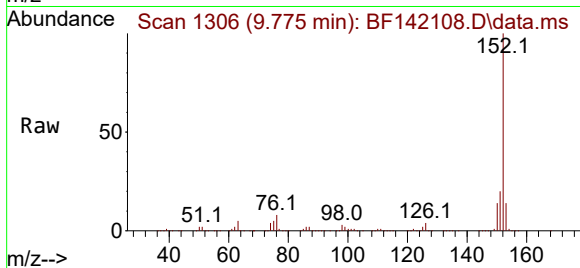
Tgt Ion:152 Resp: 1481777

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 52.931 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

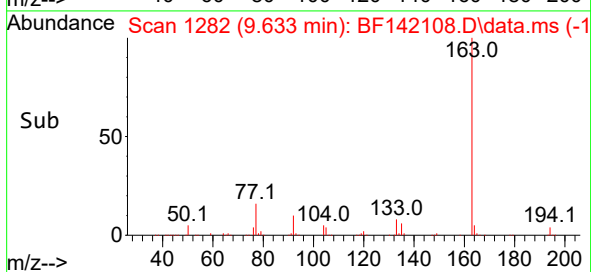
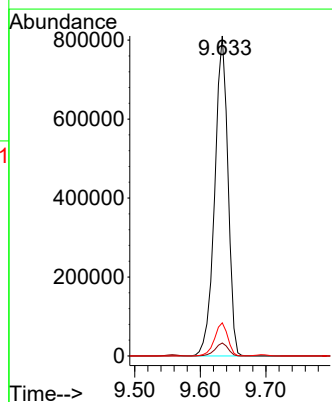
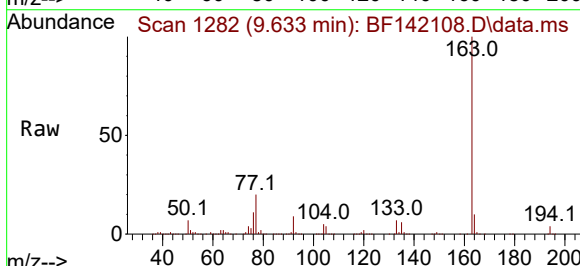
Tgt Ion:163 Resp: 1133483

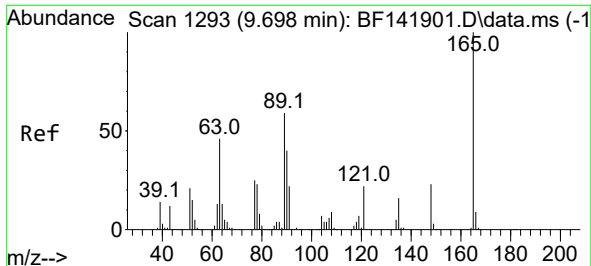
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.2 12.4

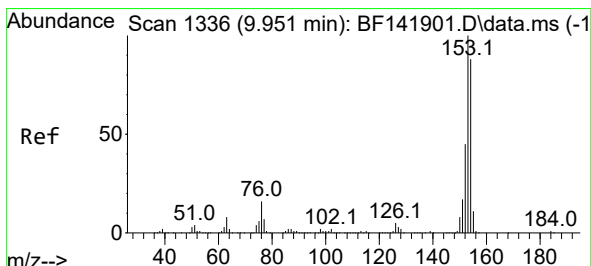
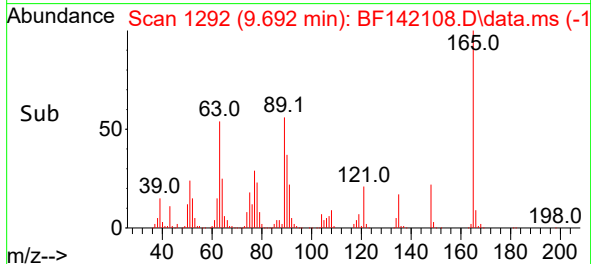
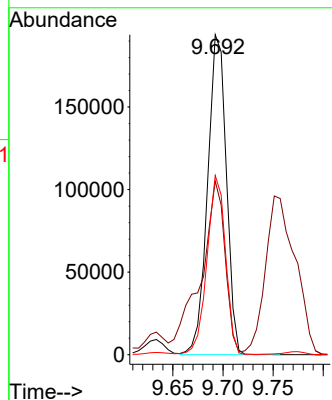
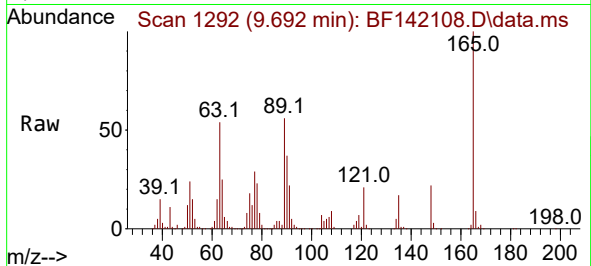




#51
2,6-Dinitrotoluene
Concen: 56.770 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

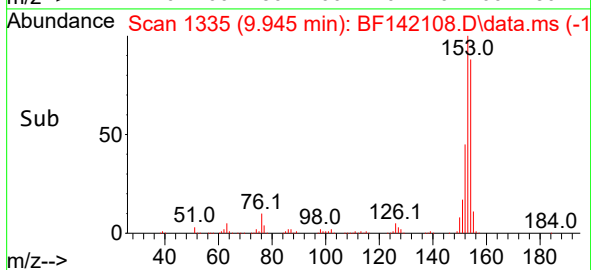
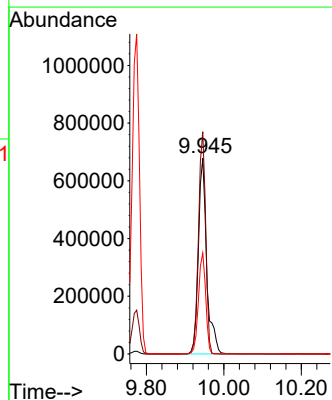
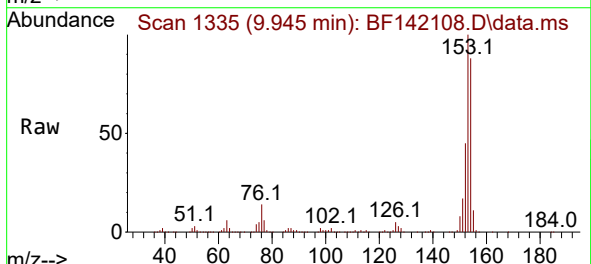
Instrument :
BNA_F
ClientSampleId :
WC-5MS

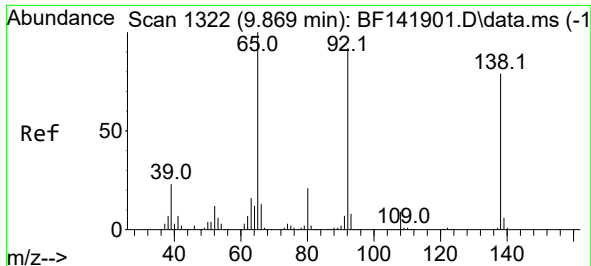
Tgt Ion:165 Resp: 253118
Ion Ratio Lower Upper
165 100
63 54.2 47.0 70.4
89 56.0 47.4 71.2



#52
Acenaphthene
Concen: 56.360 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:154 Resp: 1017878
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 51.6 41.1 61.7

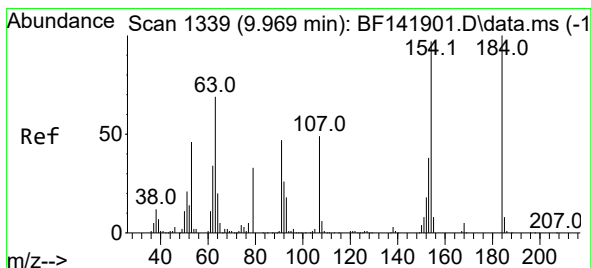
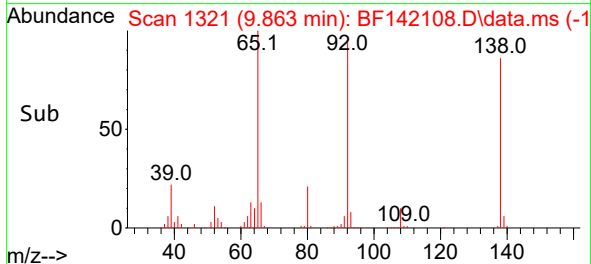
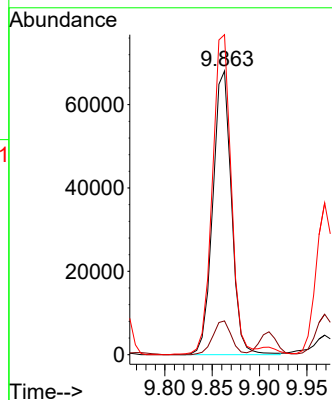
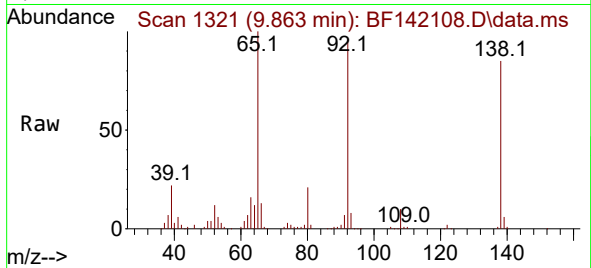




#53
3-Nitroaniline
Concen: 20.564 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

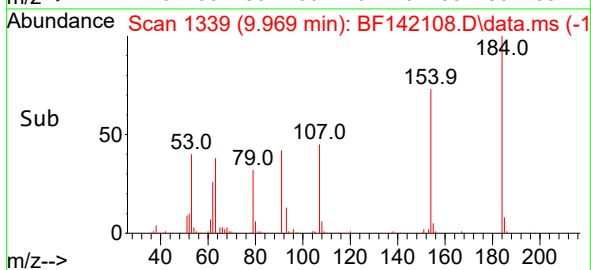
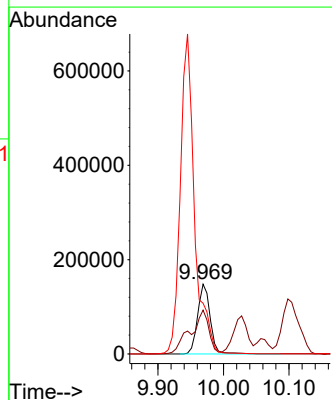
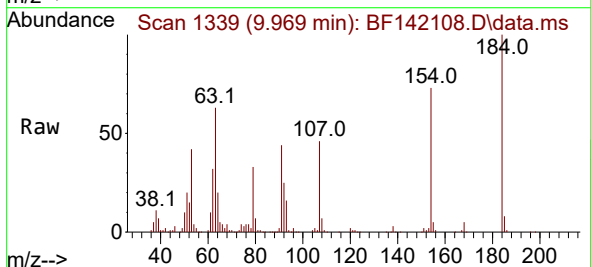
Instrument :
BNA_F
ClientSampleId :
WC-5MS

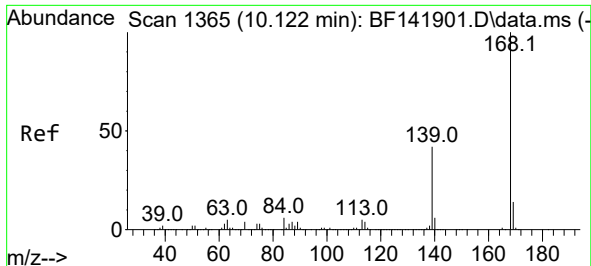
Tgt Ion:138 Resp: 93004
Ion Ratio Lower Upper
138 100
108 11.9 9.3 13.9
92 112.8 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 78.014 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:184 Resp: 197183
Ion Ratio Lower Upper
184 100
63 62.8 60.2 90.4
154 72.7 132.9 199.3#

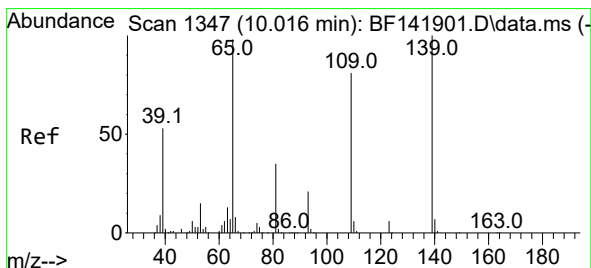
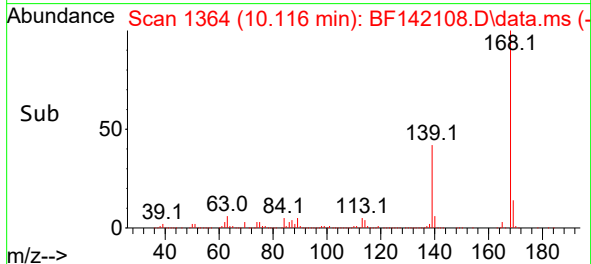
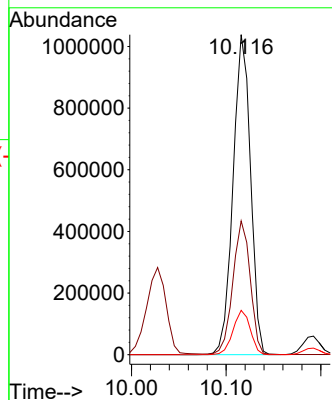
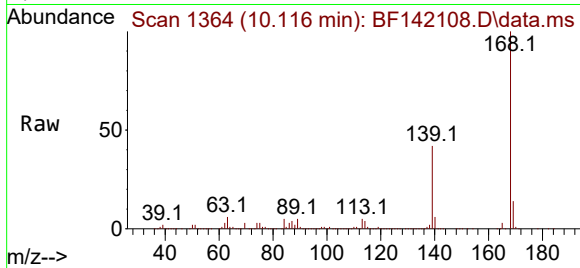




#55
Dibenzofuran
Concen: 51.660 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

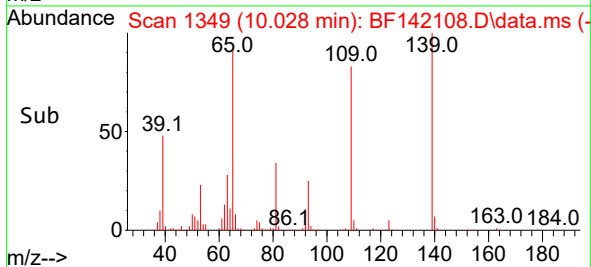
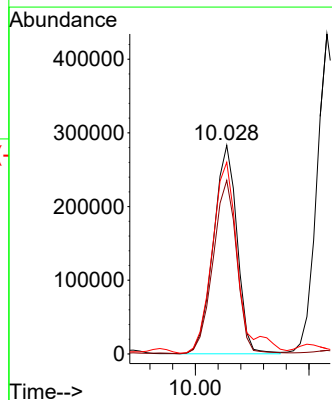
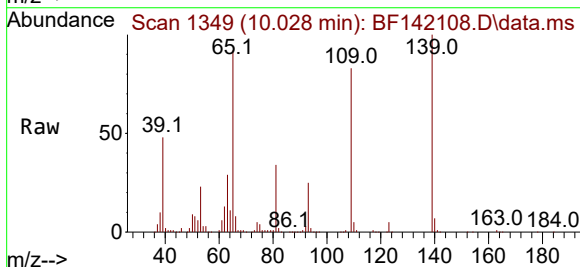
Instrument :
BNA_F
ClientSampleId :
WC-5MS

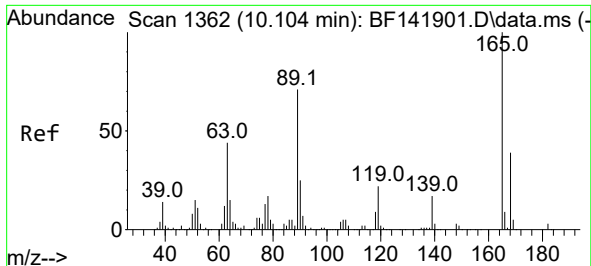
Tgt Ion:168 Resp: 1333144
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 120.190 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:139 Resp: 409933
Ion Ratio Lower Upper
139 100
109 83.2 61.6 101.6
65 91.9 79.4 119.4

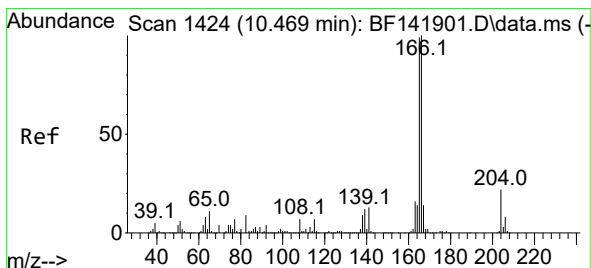
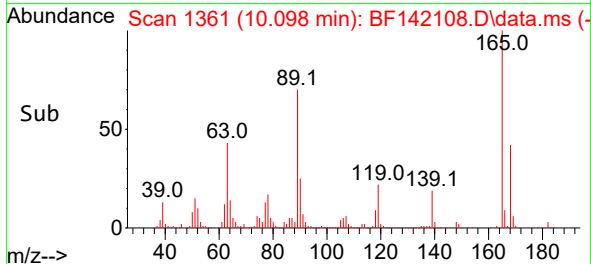
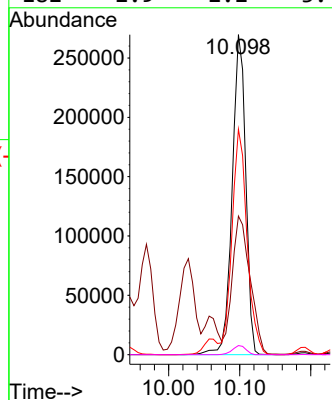
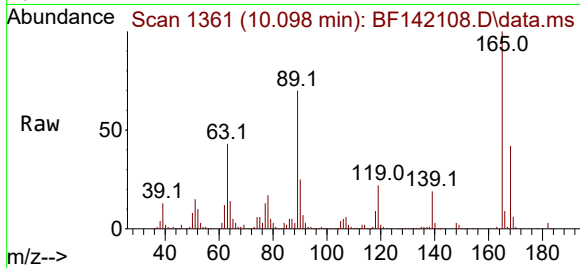




#57
2,4-Dinitrotoluene
Concen: 61.515 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

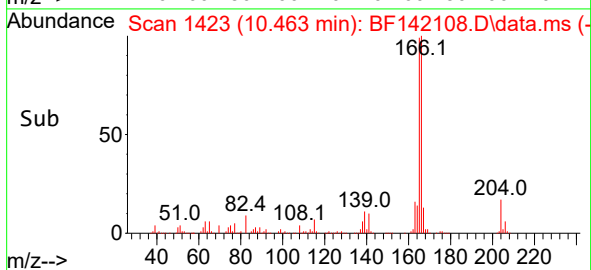
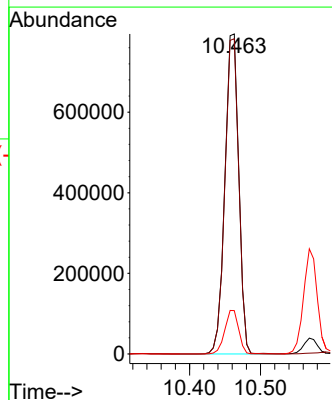
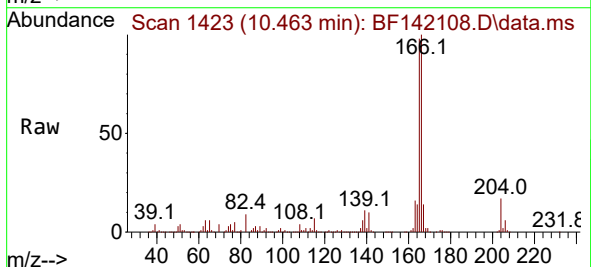
Instrument :
BNA_F
ClientSampleId :
WC-5MS

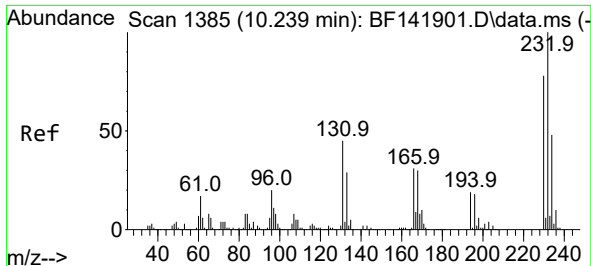
Tgt Ion:165 Resp: 358228
Ion Ratio Lower Upper
165 100
63 43.3 35.4 53.2
89 70.4 56.6 84.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 53.926 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:166 Resp: 1073177
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.4
167 13.5 11.0 16.4

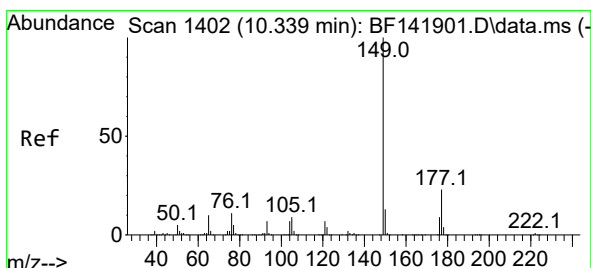
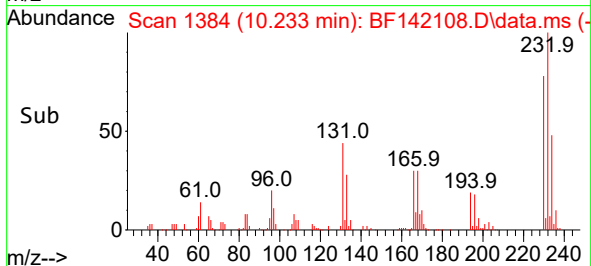
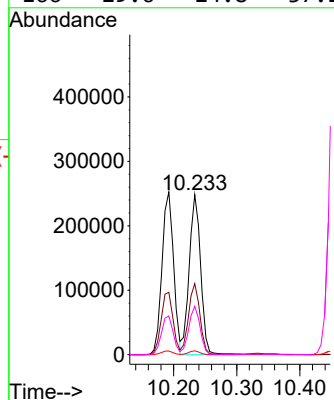
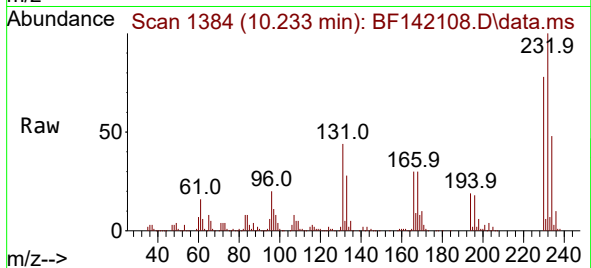




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.011 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

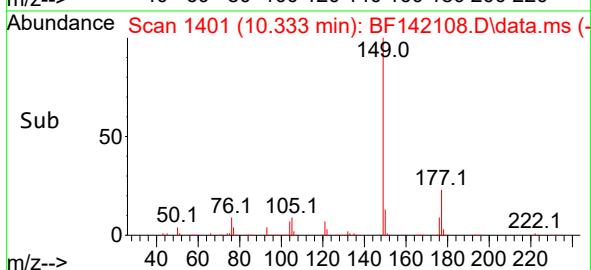
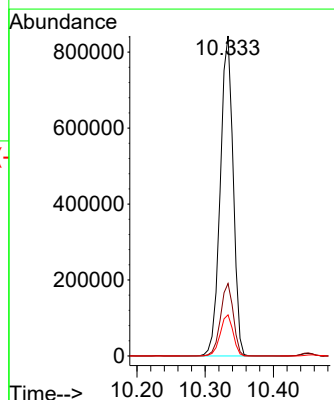
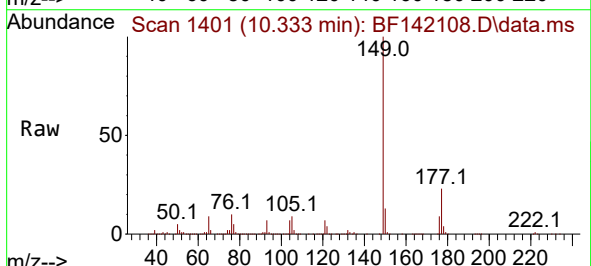
Instrument :
BNA_F
ClientSampleId :
WC-5MS

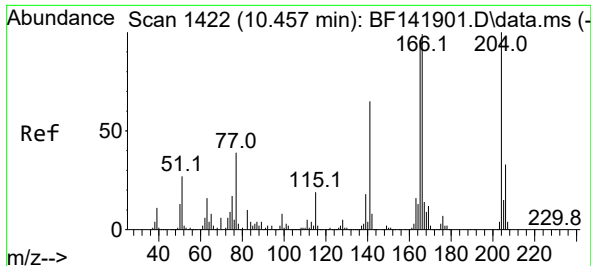
Tgt Ion:232 Resp: 314097
Ion Ratio Lower Upper
232 100
131 44.2 37.3 55.9
130 2.3 1.9 2.9
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 51.880 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:149 Resp: 1107779
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.4

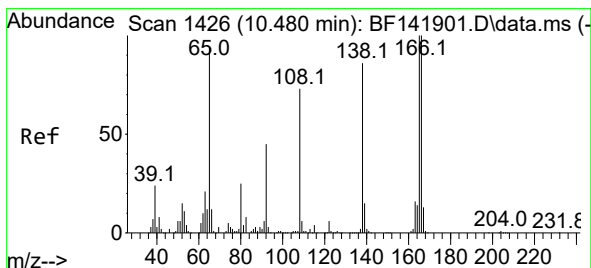
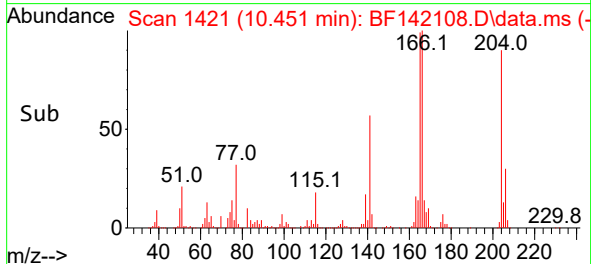
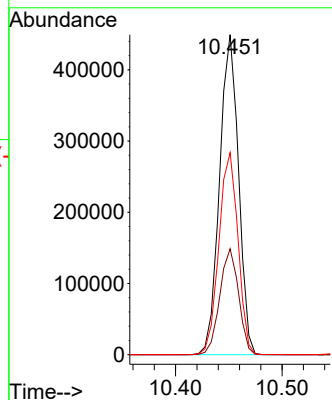
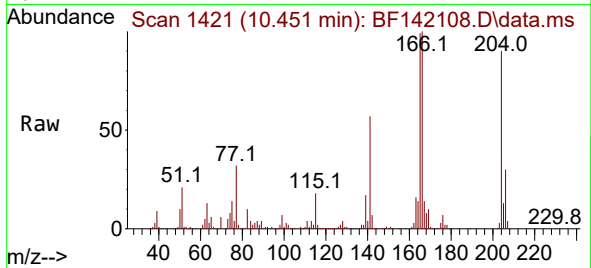




#61
4-Chlorophenyl-phenylether
Concen: 53.359 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

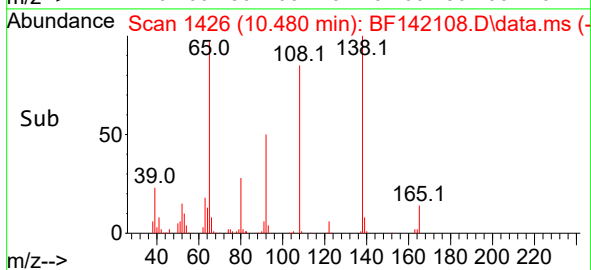
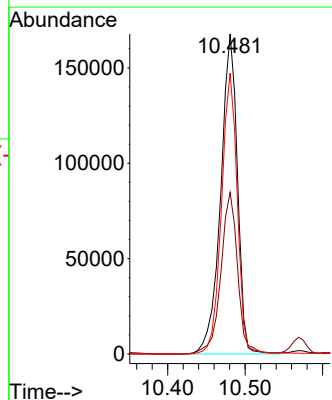
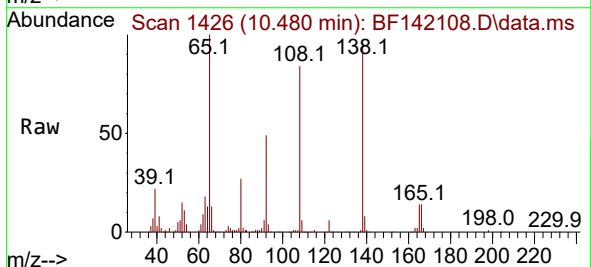
Instrument :
BNA_F
ClientSampleId :
WC-5MS

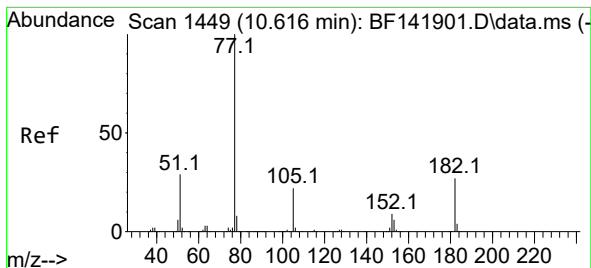
Tgt Ion:204 Resp: 553625
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 63.2 52.4 78.6



#62
4-Nitroaniline
Concen: 57.326 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:138 Resp: 252412
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 87.8 65.0 105.0





#63

Azobenzene

Concen: 53.176 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion: 77 Resp: 1055655

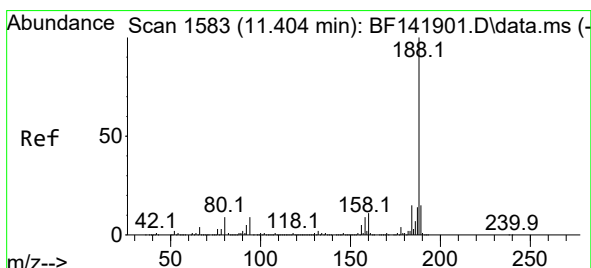
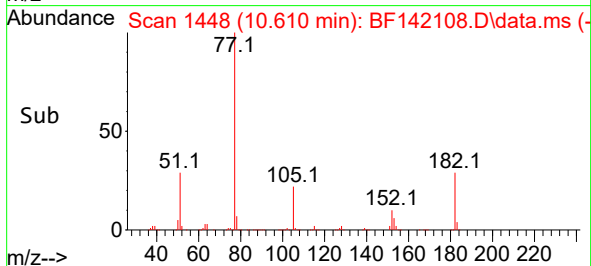
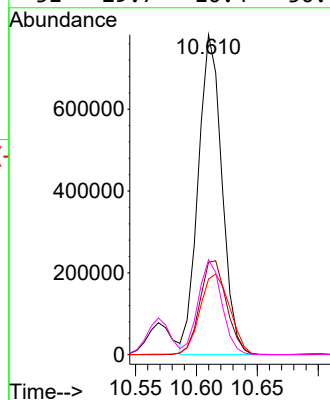
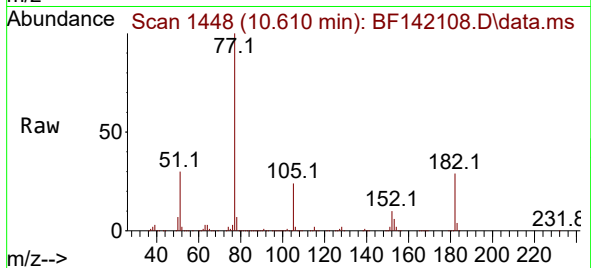
Ion Ratio Lower Upper

77 100

182 28.9 6.6 46.6

105 23.6 1.3 41.3

51 29.7 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: BF142108.D

Acq: 26 Mar 2025 20:37

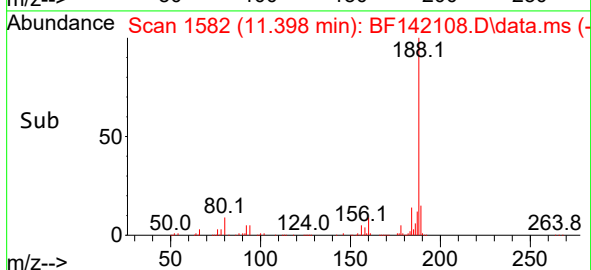
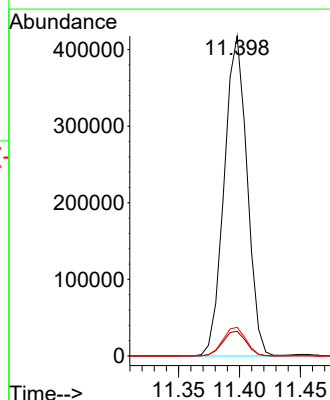
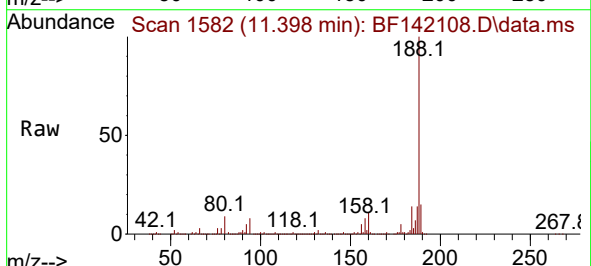
Tgt Ion:188 Resp: 546937

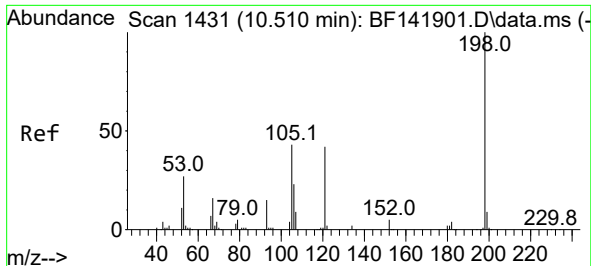
Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 9.0 7.6 11.4

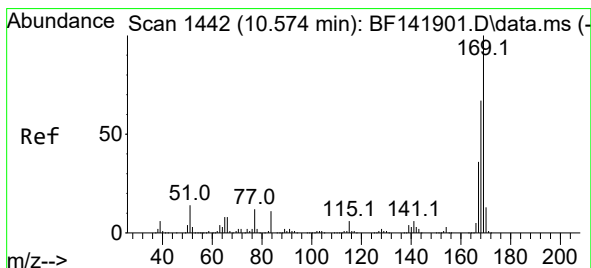
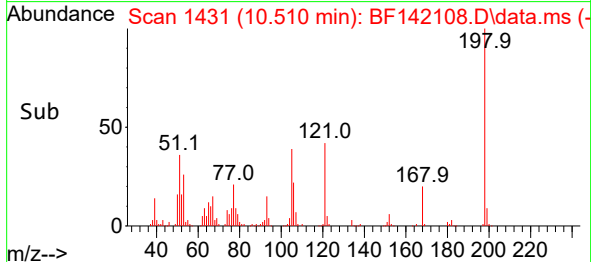
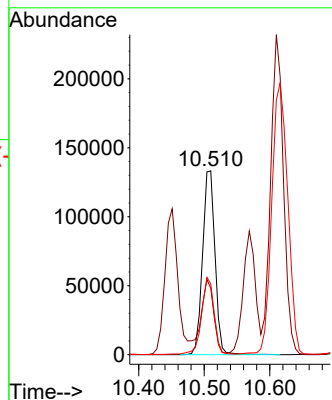
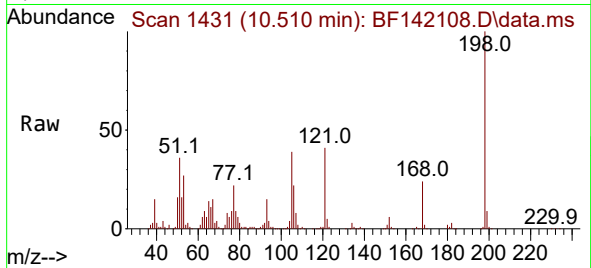




#65
4,6-Dinitro-2-methylphenol
Concen: 54.085 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

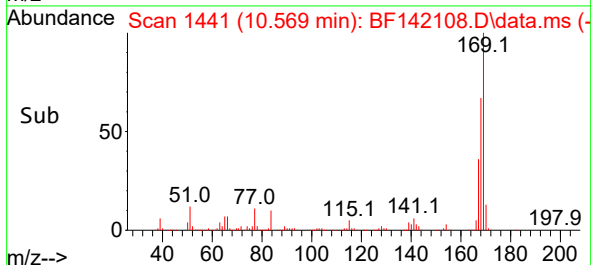
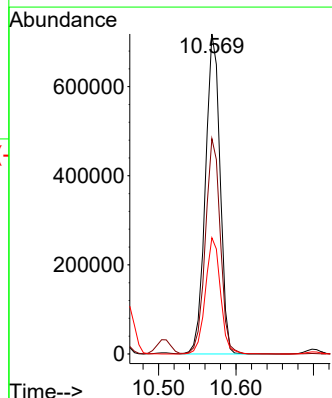
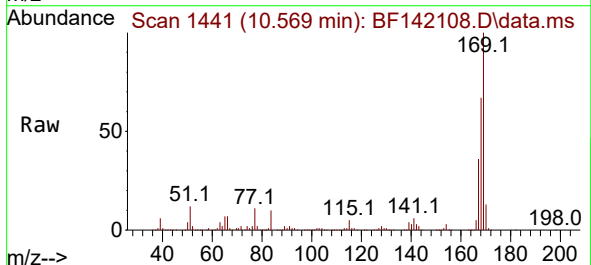
Instrument :
BNA_F
ClientSampleId :
WC-5MS

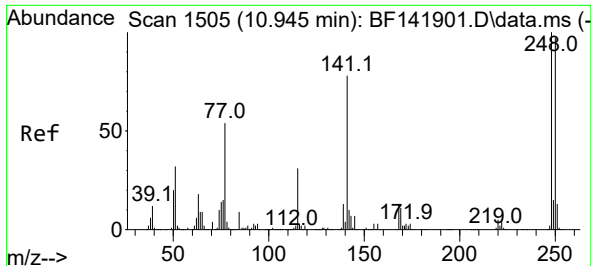
Tgt Ion:198 Resp: 176345
Ion Ratio Lower Upper
198 100
51 36.1 22.3 62.3
105 38.5 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 53.100 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:169 Resp: 939826
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.3 29.2 43.8

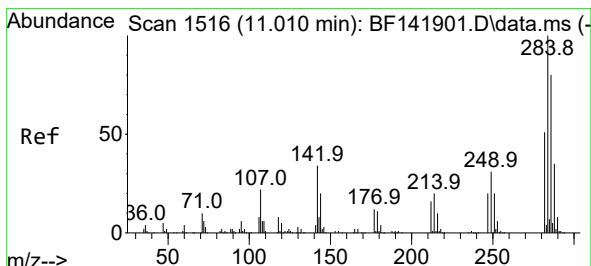
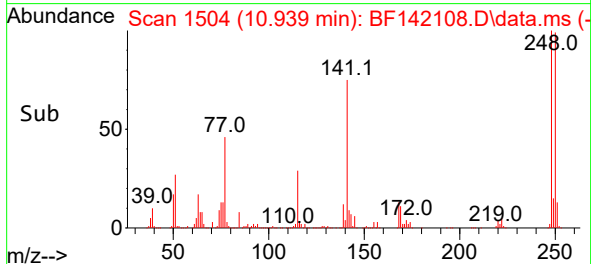
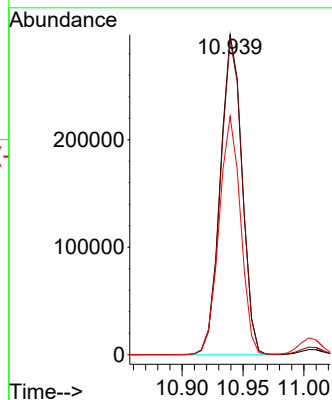
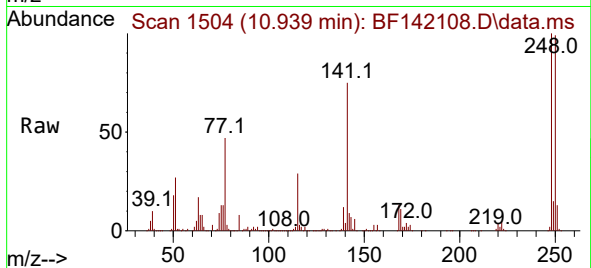




#67
4-Bromophenyl-phenylether
Concen: 53.875 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

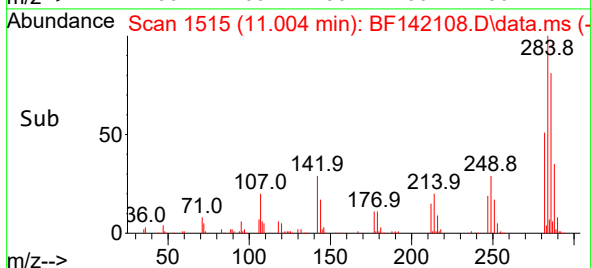
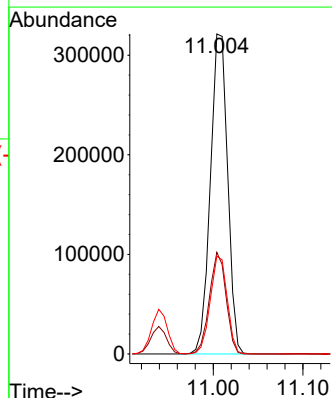
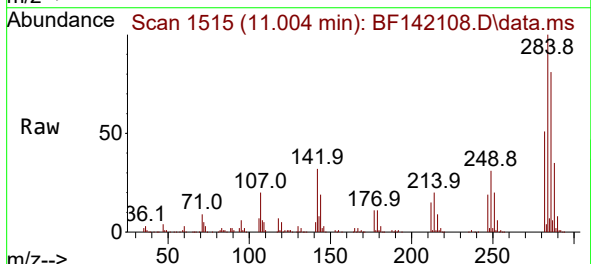
Instrument :
BNA_F
ClientSampleId :
WC-5MS

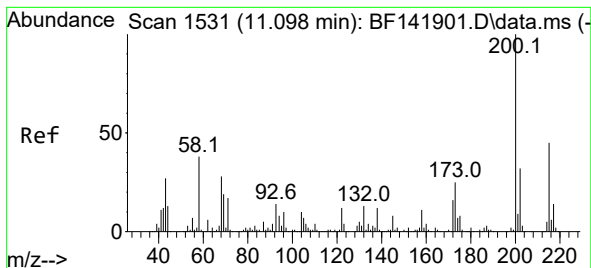
Tgt Ion:248 Resp: 370062
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 74.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 56.951 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:284 Resp: 429047
Ion Ratio Lower Upper
284 100
142 31.7 27.0 40.6
249 30.6 25.2 37.8





#69

Atrazine

Concen: 63.564 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

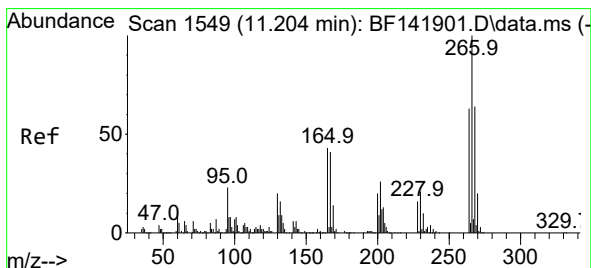
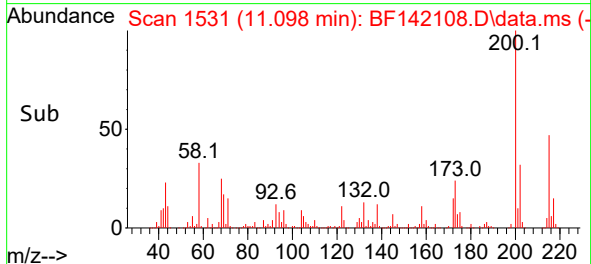
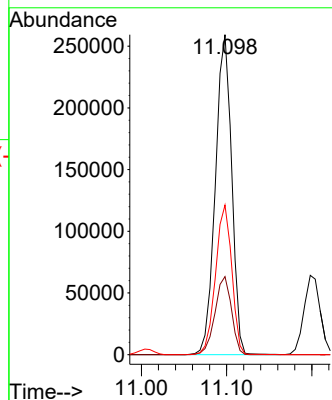
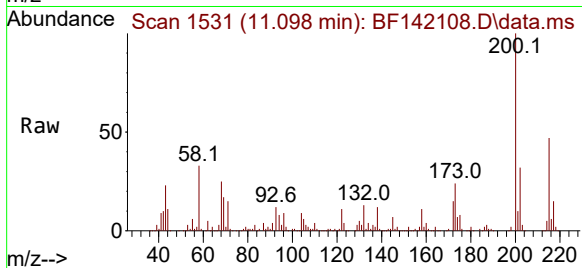
Tgt Ion:200 Resp: 344887

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 99.141 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

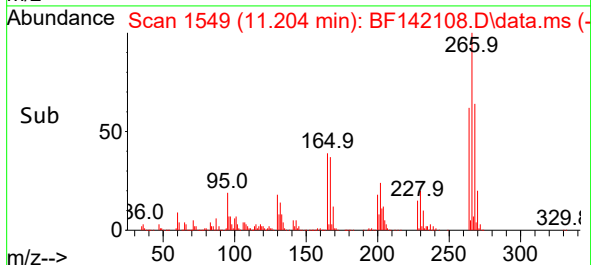
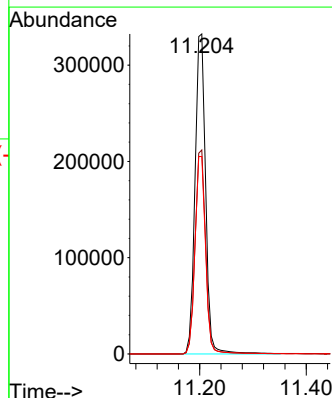
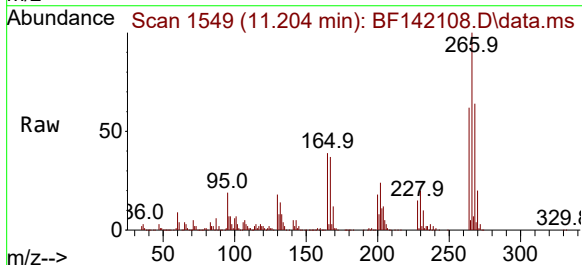
Tgt Ion:266 Resp: 460182

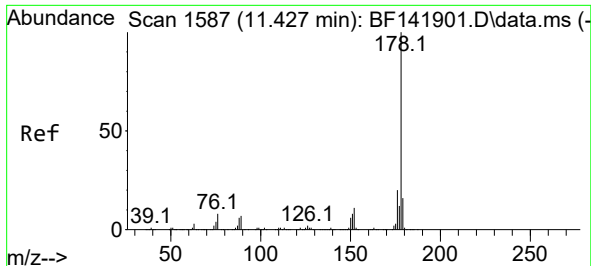
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 61.7 50.2 75.2

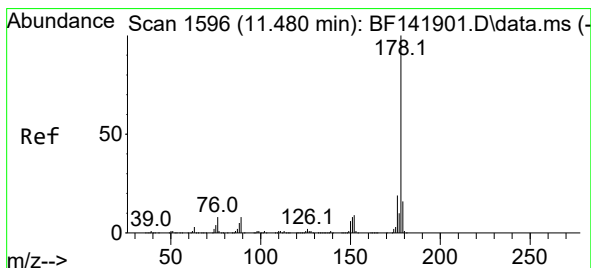
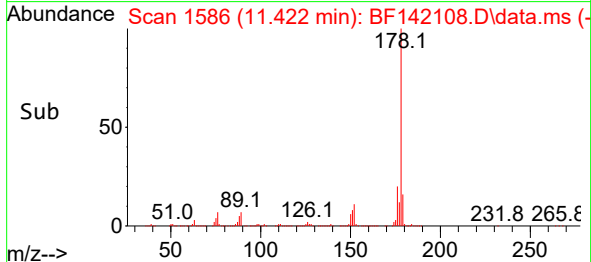
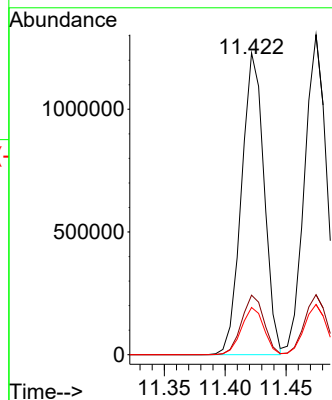
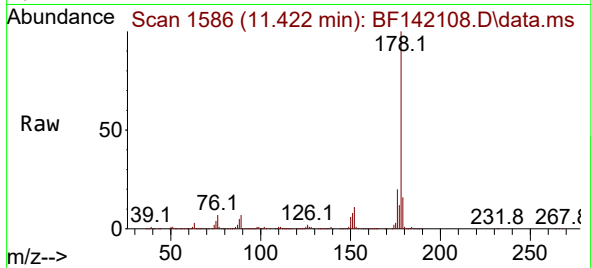




#71
Phenanthrene
Concen: 53.833 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

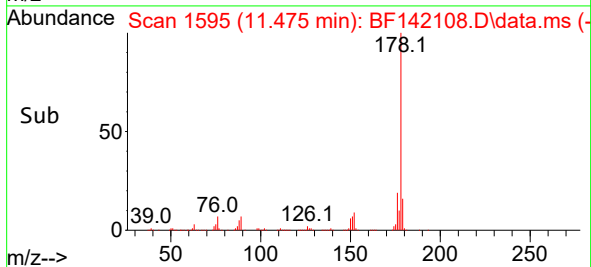
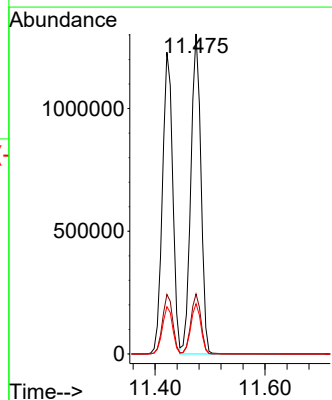
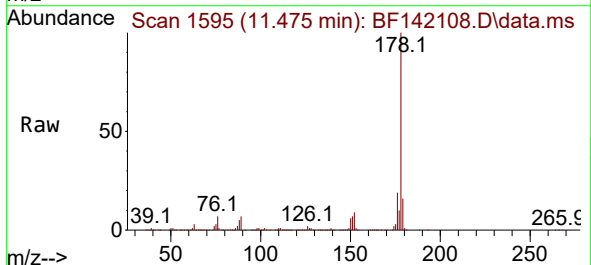
Instrument :
BNA_F
ClientSampleId :
WC-5MS

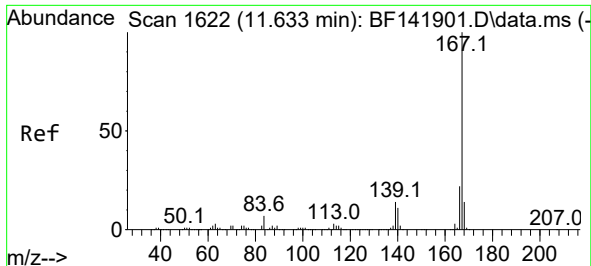
Tgt Ion:178 Resp: 1590326
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 55.608 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

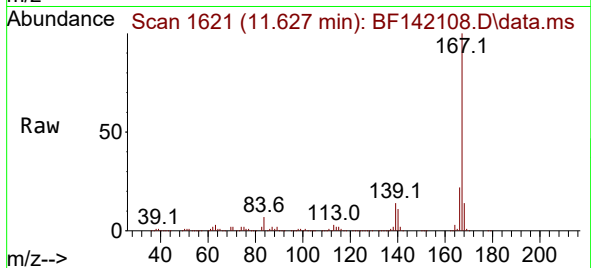
Tgt Ion:178 Resp: 1648122
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 19.0



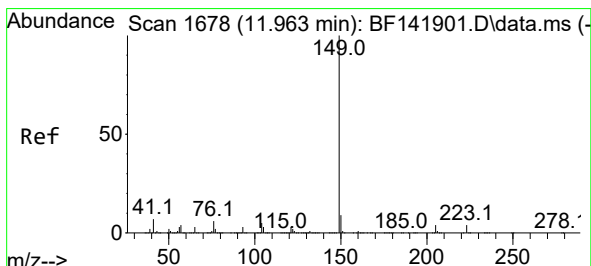
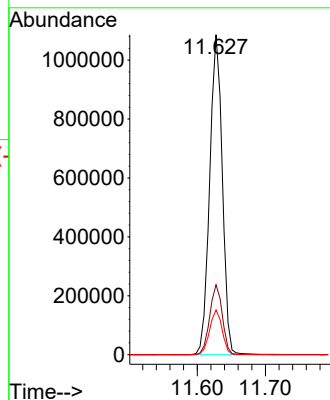
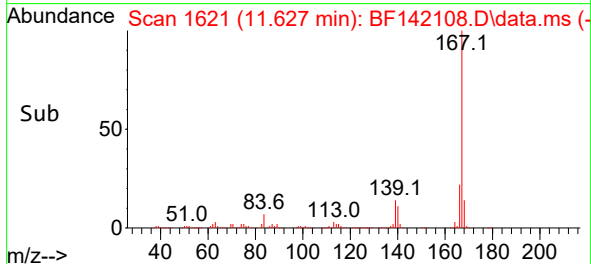


#73
Carbazole
Concen: 54.751 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

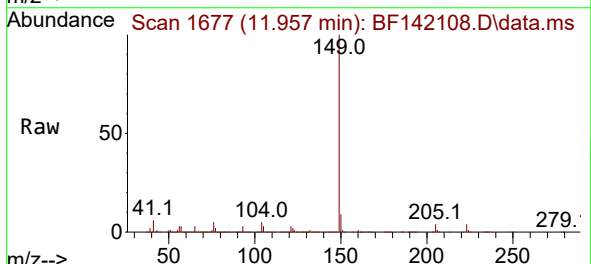
Instrument :
BNA_F
ClientSampleId :
WC-5MS



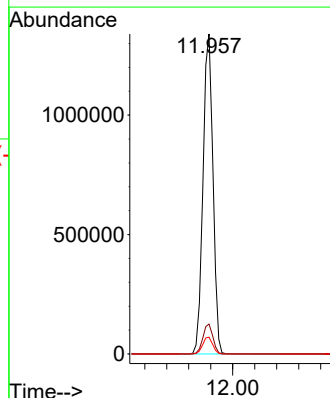
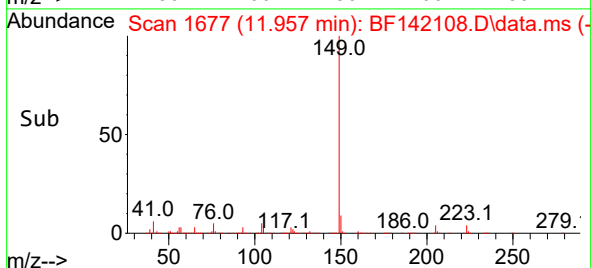
Tgt Ion:167 Resp: 1399456
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 14.0 11.0 16.6

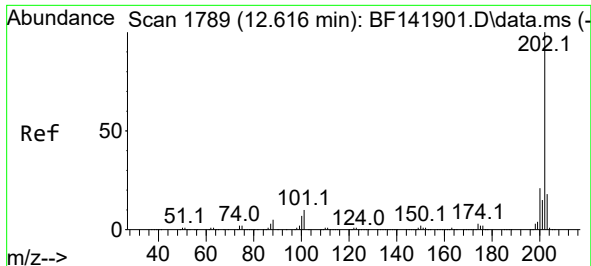


#74
Di-n-butylphthalate
Concen: 49.743 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37



Tgt Ion:149 Resp: 1687064
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.3 4.4 6.6

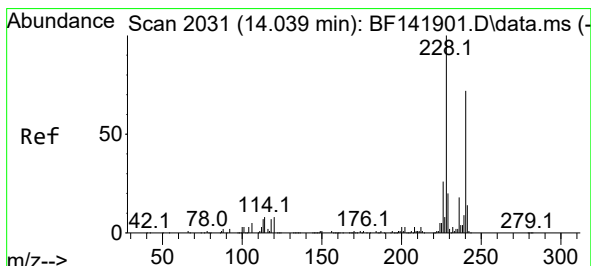
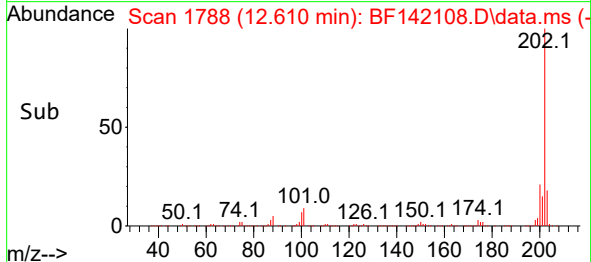
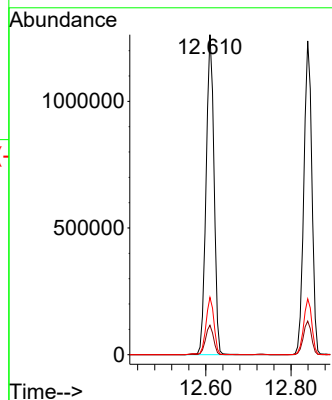
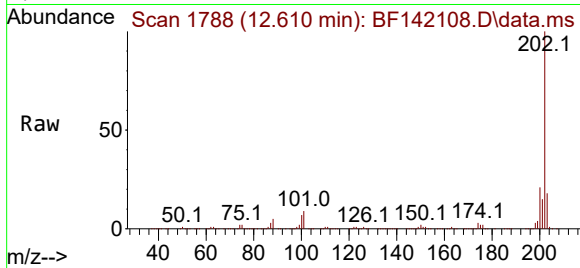




#75
Fluoranthene
Concen: 52.031 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

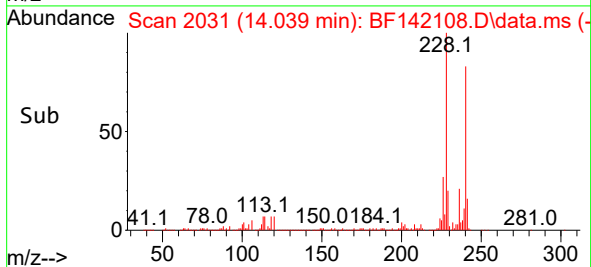
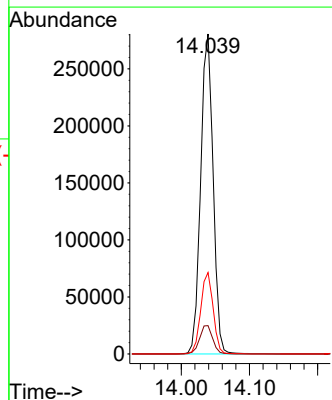
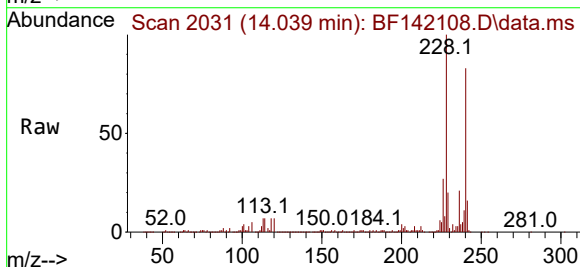
Instrument :
BNA_F
ClientSampleId :
WC-5MS

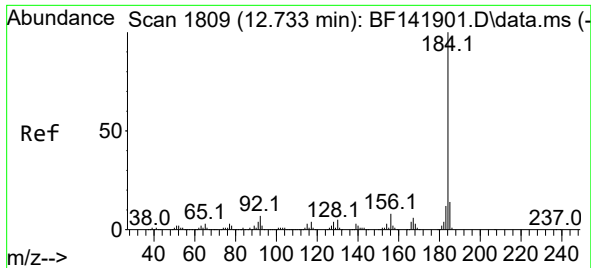
Tgt Ion:202 Resp: 1630511
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:240 Resp: 356639
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 25.5 20.5 30.7

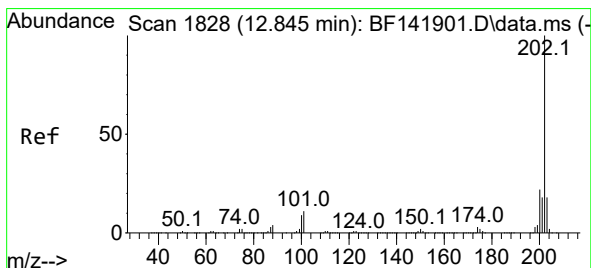
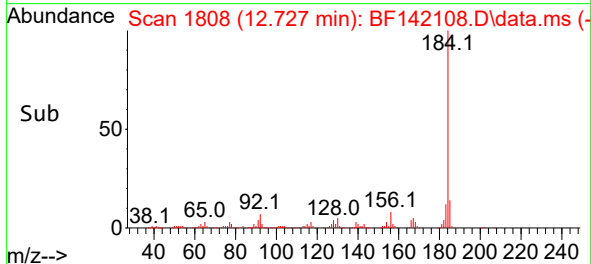
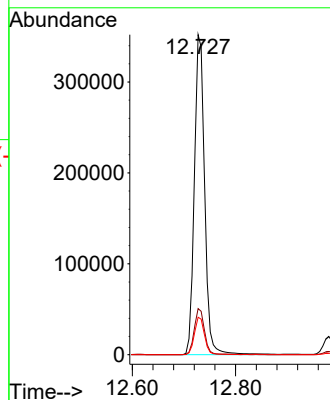
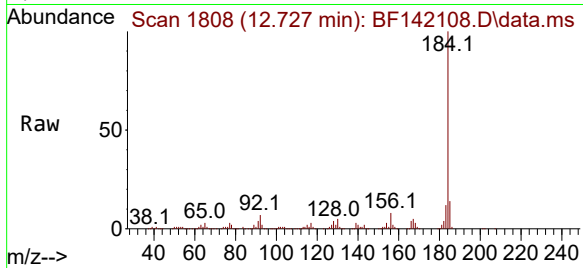




#77
Benzidine
Concen: 97.838 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

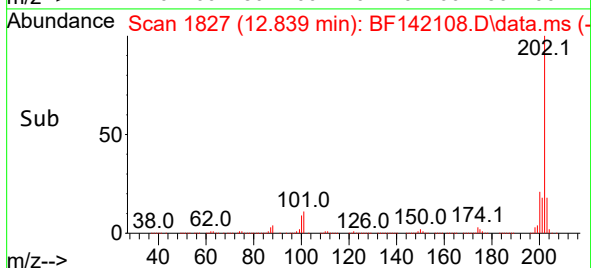
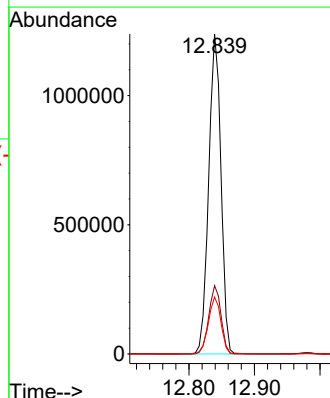
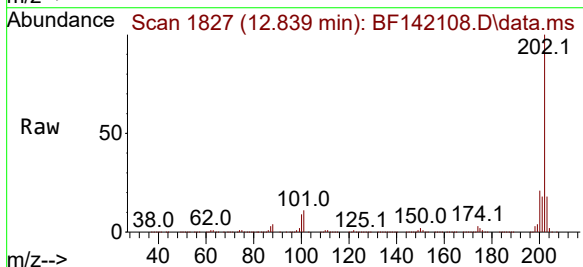
Instrument :
BNA_F
ClientSampleId :
WC-5MS

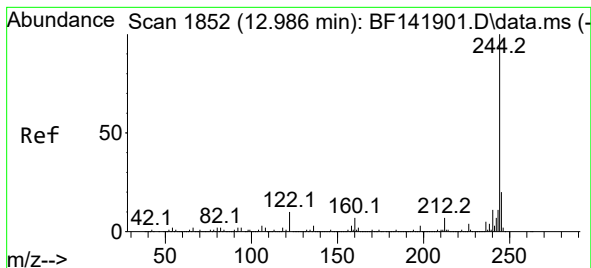
Tgt Ion:184 Resp: 486819
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 52.248 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:202 Resp: 1611827
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 79.057 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

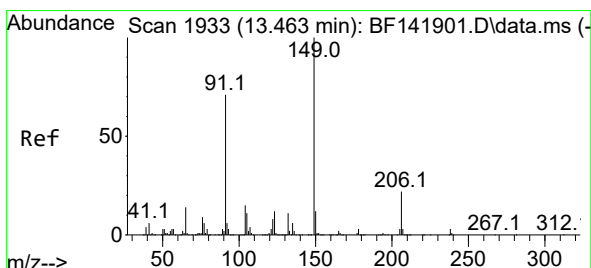
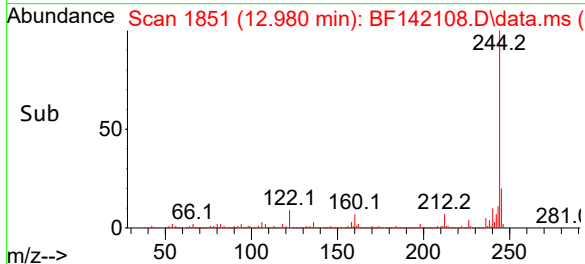
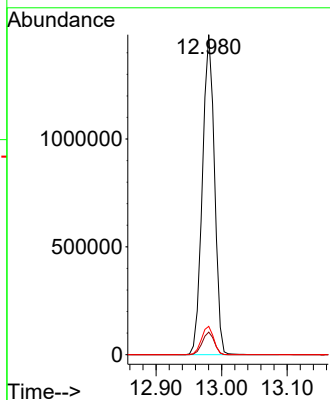
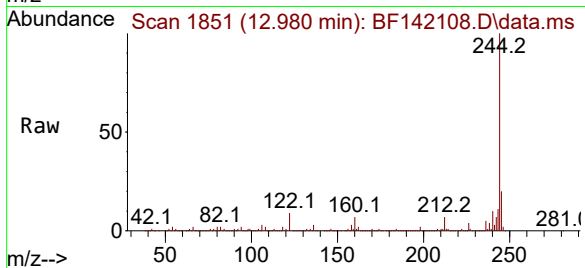
Tgt Ion:244 Resp: 1907048

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 48.882 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

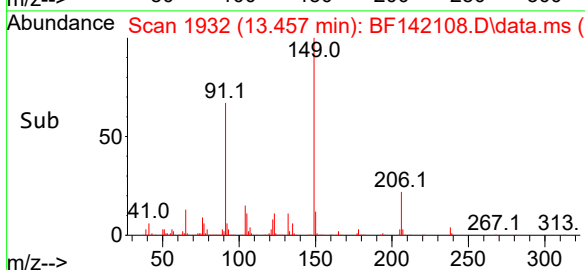
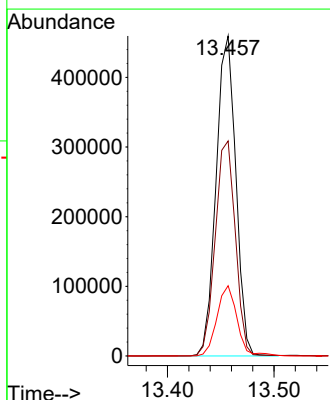
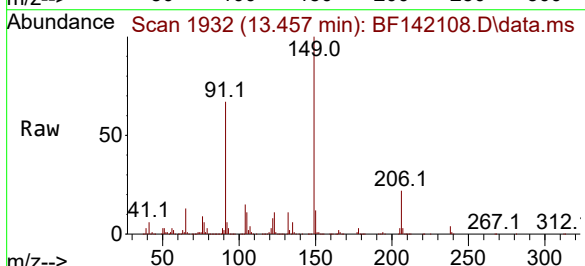
Tgt Ion:149 Resp: 590231

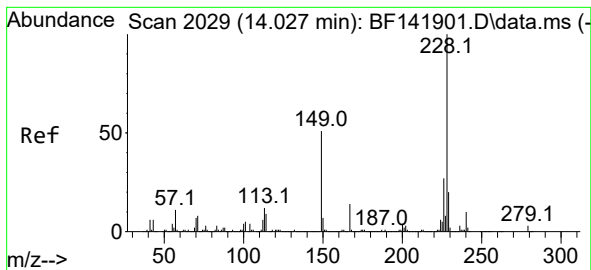
Ion Ratio Lower Upper

149 100

91 67.2 56.5 84.7

206 21.9 17.3 25.9





#81

Benzo(a)anthracene

Concen: 54.647 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

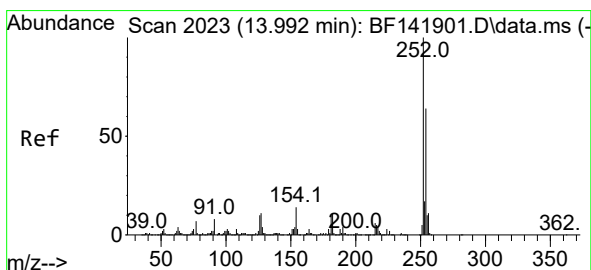
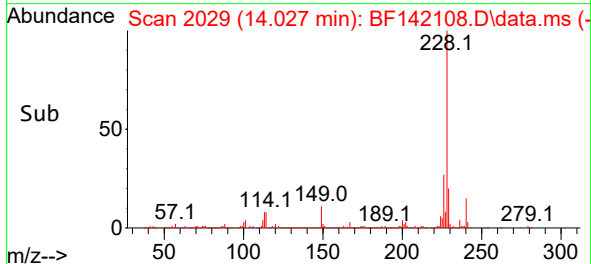
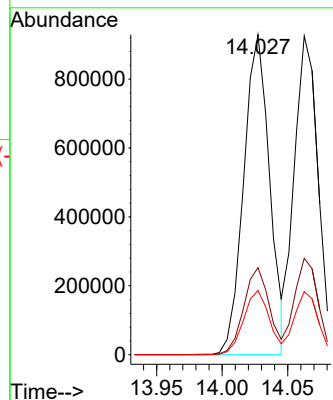
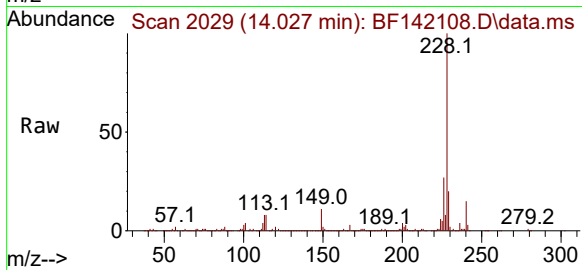
Tgt Ion:228 Resp: 1278889

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 14.947 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

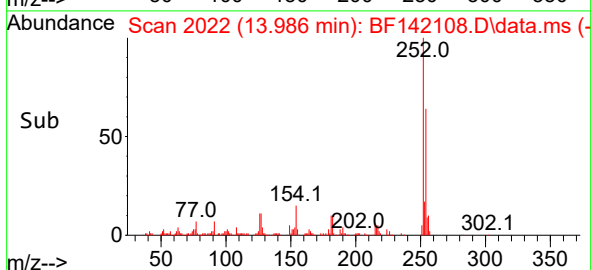
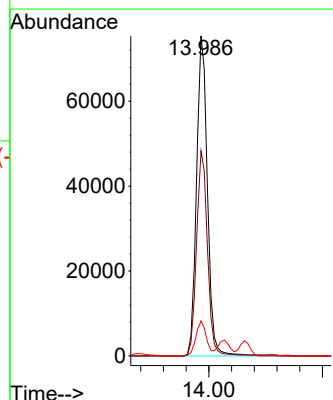
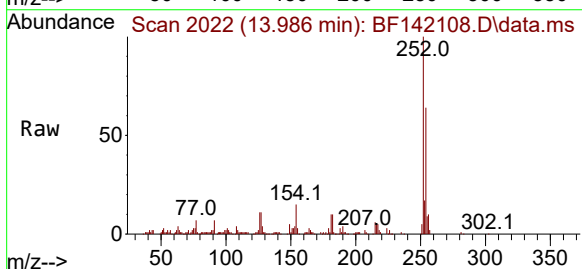
Tgt Ion:252 Resp: 101090

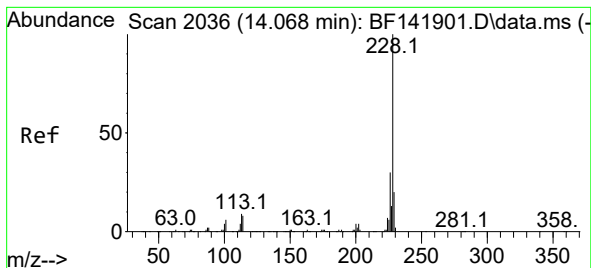
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 11.0 8.4 12.6





#83

Chrysene

Concen: 55.001 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

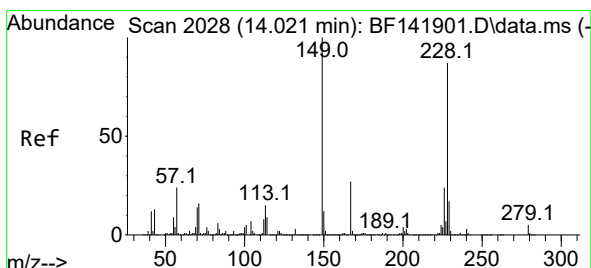
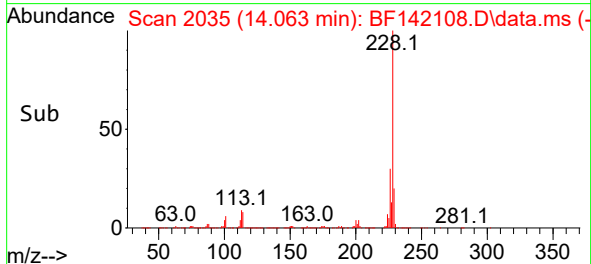
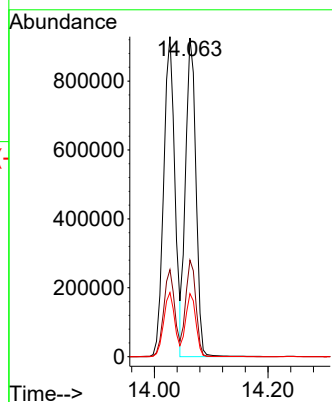
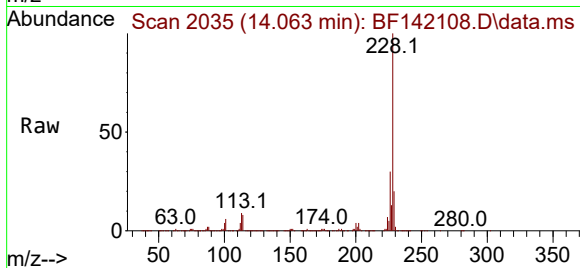
Tgt Ion:228 Resp: 1166785

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.624 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

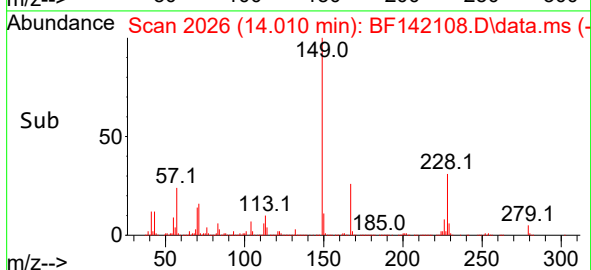
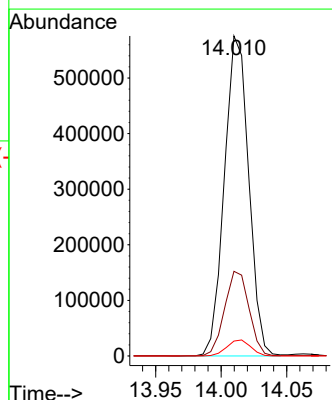
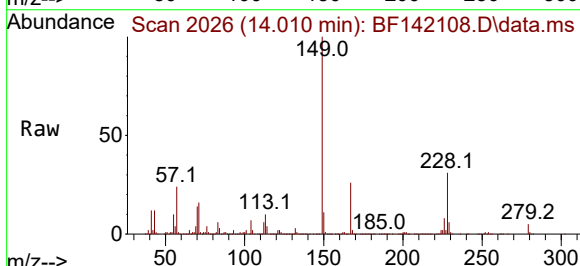
Tgt Ion:149 Resp: 742918

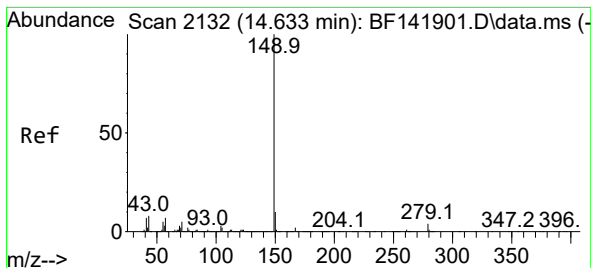
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.6 3.8 5.6

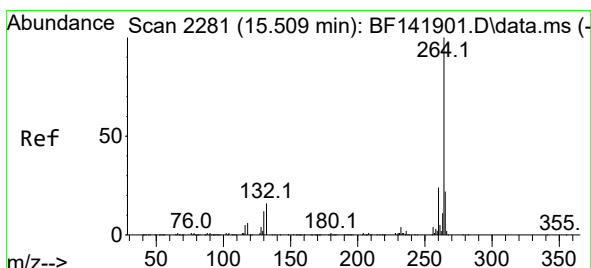
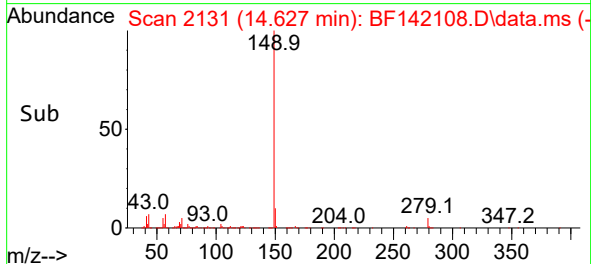
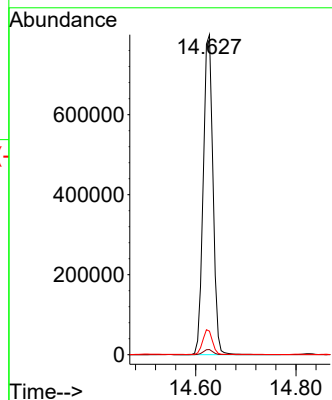
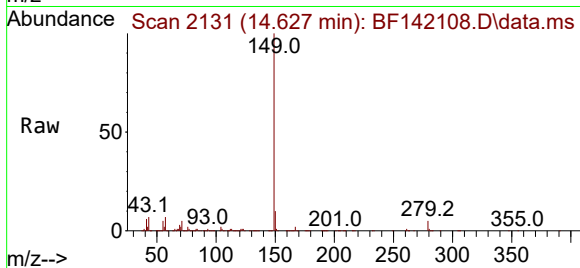




#85
Di-n-octyl phthalate
Concen: 46.314 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

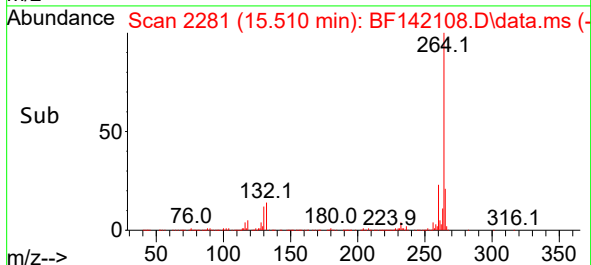
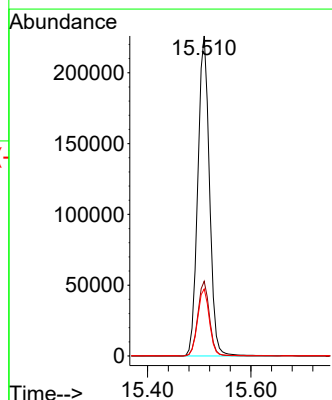
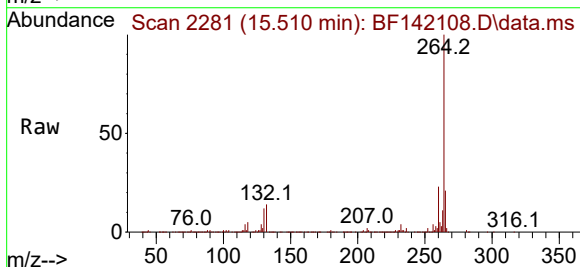
Instrument :
BNA_F
ClientSampleId :
WC-5MS

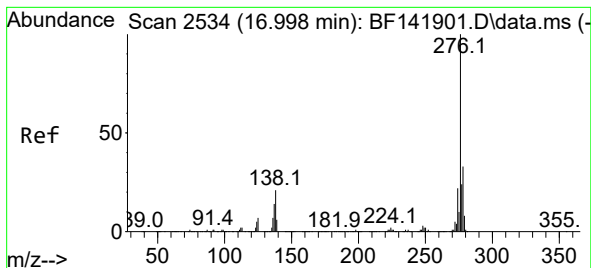
Tgt Ion:149 Resp: 1072844
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.6 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142108.D
Acq: 26 Mar 2025 20:37

Tgt Ion:264 Resp: 353386
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 20.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.265 ng

RT: 17.004 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

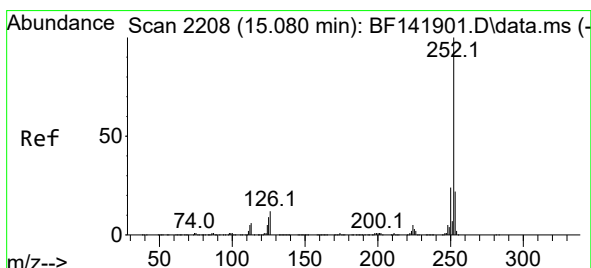
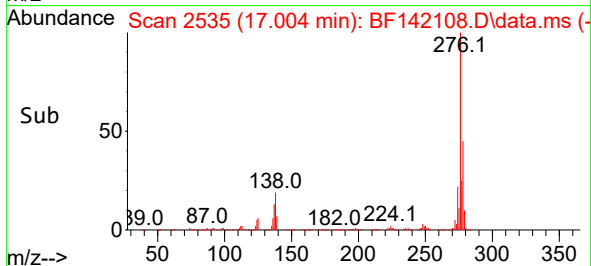
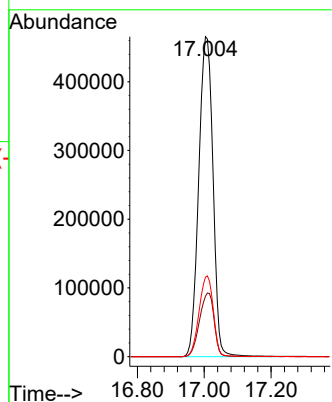
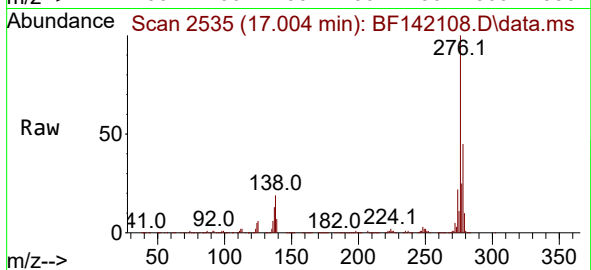
Tgt Ion:276 Resp: 1377648

Ion Ratio Lower Upper

276 100

138 20.4 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.285 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

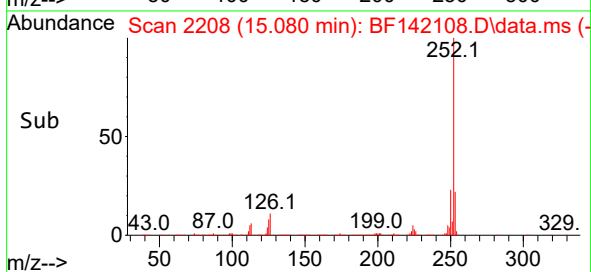
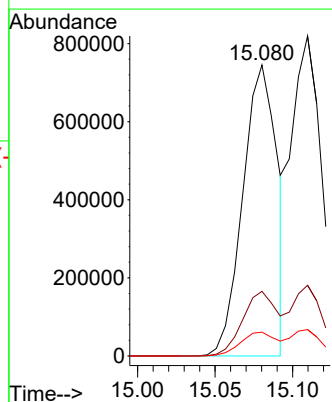
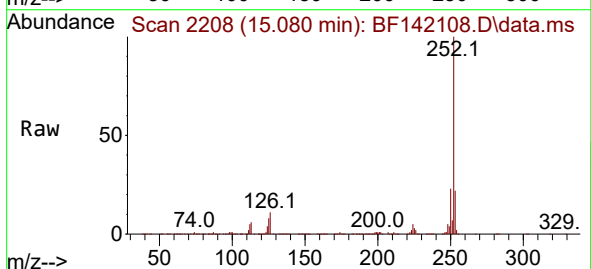
Tgt Ion:252 Resp: 1145221

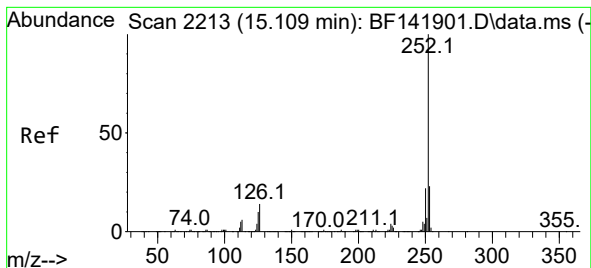
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 54.326 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-5MS

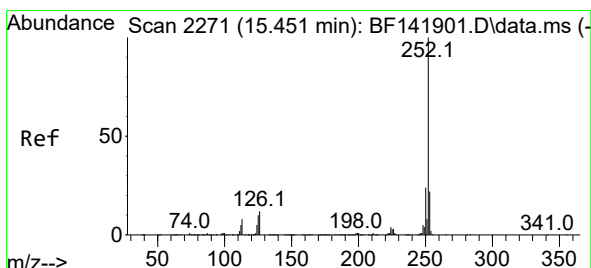
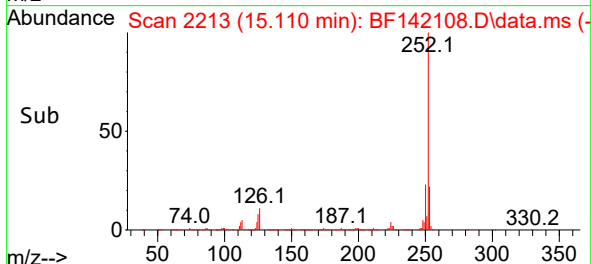
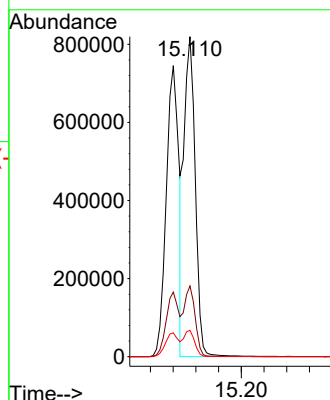
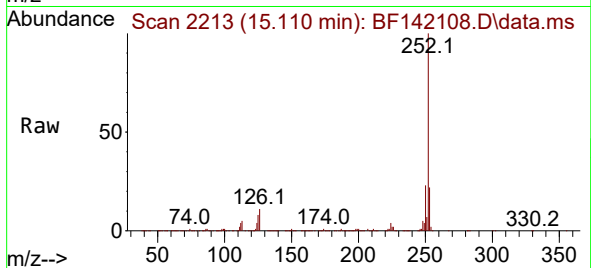
Tgt Ion:252 Resp: 1125987

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 57.503 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142108.D

Acq: 26 Mar 2025 20:37

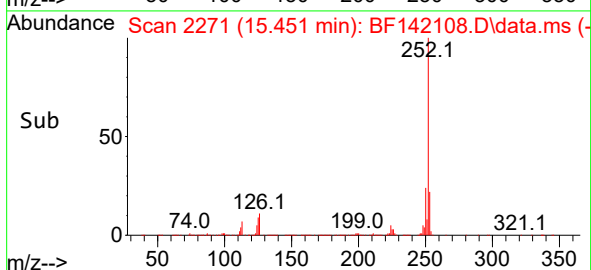
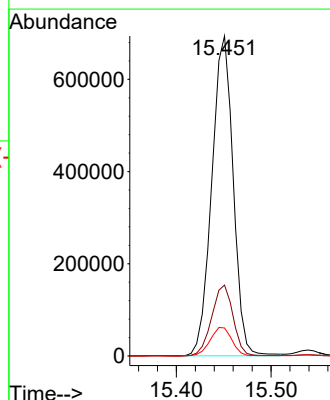
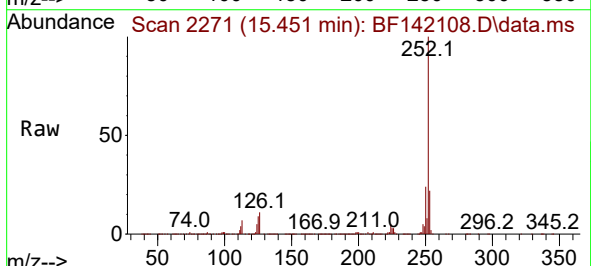
Tgt Ion:252 Resp: 1089742

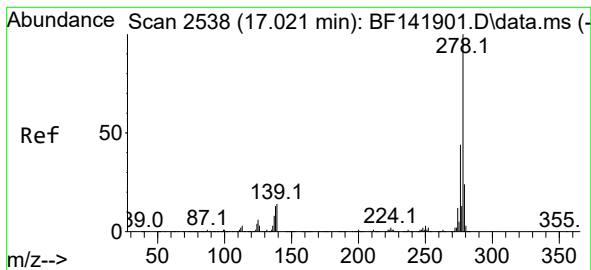
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.7 7.8 11.8

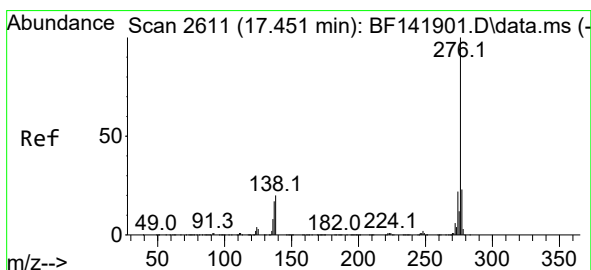
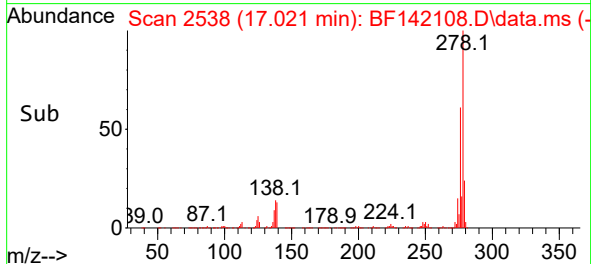
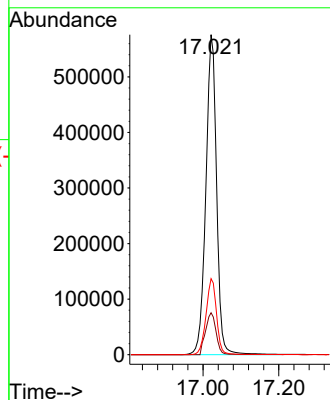
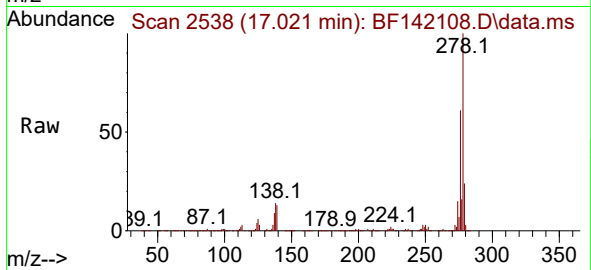




#91
 Dibenzo(a,h)anthracene
 Concen: 59.881 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Tgt Ion:278 Resp: 1129429
 Ion Ratio Lower Upper
 278 100
 139 13.1 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 59.100 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF142108.D
 Acq: 26 Mar 2025 20:37

Tgt Ion:276 Resp: 1101556
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.7 28.1
 138 17.8 15.8 23.8

