

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142898.D
 Acq On : 27 Jun 2025 17:41
 Operator : RC/JU
 Sample : Q2414-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Jun 27 18:04:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59440	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	208671	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	97500	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	160606	20.000	ng	0.00
76) Chrysene-d12	14.057	240	152081	20.000	ng	0.00
86) Perylene-d12	15.545	264	108406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	388240	108.747	ng	0.02
7) Phenol-d6	6.510	99	414922	98.508	ng	0.00
23) Nitrobenzene-d5	7.440	82	296276	77.878	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	127254	126.830	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	596459	80.364	ng	0.00
79) Terphenyl-d14	12.992	244	637428	57.912	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	48382	33.882	ng	# 83
3) Pyridine	3.510	79	115265	32.198	ng	99
4) n-Nitrosodimethylamine	3.446	42	70959	38.331	ng	96
6) Aniline	6.540	93	55945	9.982	ng	# 70
8) 2-Chlorophenol	6.663	128	147102	38.197	ng	99
9) Benzaldehyde	6.428	77	41324	16.537	ng	99
10) Phenol	6.522	94	148091	31.630	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	132055	39.463	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153268	35.585	ng	99
13) 1,4-Dichlorobenzene	6.893	146	156623	36.043	ng	99
14) 1,2-Dichlorobenzene	7.046	146	149994	36.392	ng	99
15) Benzyl Alcohol	7.022	79	118765	39.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	196950	36.633	ng	94
17) 2-Methylphenol	7.134	107	108772	37.270	ng	99
18) Hexachloroethane	7.387	117	52423	34.490	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	95031	38.792	ng	99
20) 3+4-Methylphenols	7.287	107	135505	37.239	ng	# 85
22) Acetophenone	7.287	105	196671	42.740	ng	99
24) Nitrobenzene	7.463	77	138397	40.193	ng	95
25) Isophorone	7.698	82	249870	40.944	ng	100
26) 2-Nitrophenol	7.775	139	77324	41.224	ng	99
27) 2,4-Dimethylphenol	7.816	122	129179	39.759	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	160055	41.253	ng	100
29) 2,4-Dichlorophenol	8.022	162	119677	40.624	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	127019	39.210	ng	99
31) Naphthalene	8.181	128	407947	39.940	ng	100
32) Benzoic acid	7.916	122	44467	26.852	ng	97
33) 4-Chloroaniline	8.234	127	37145	8.944	ng	99
34) Hexachlorobutadiene	8.298	225	78146	39.438	ng	99
35) Caprolactam	8.592	113	28590	36.778	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	114854	39.229	ng	99
37) 2-Methylnaphthalene	8.875	142	249656	39.425	ng	99
38) 1-Methylnaphthalene	8.975	142	259315	39.559	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	127445	44.299	ng	99
41) Hexachlorocyclopentadiene	9.028	237	74117	45.399	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	79384	42.346	ng	97

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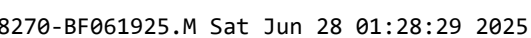
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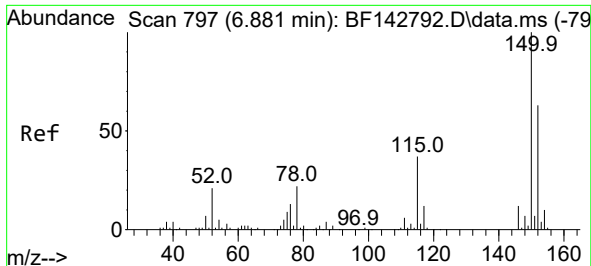
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84383	42.760	ng	99
46) 1,1'-Biphenyl	9.339	154	347102	45.067	ng	99
47) 2-Chloronaphthalene	9.363	162	248149	42.934	ng	99
48) 2-Nitroaniline	9.463	65	71066	43.857	ng	95
49) Acenaphthylene	9.781	152	406710	42.745	ng	100
50) Dimethylphthalate	9.639	163	303141	48.032	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63185	45.588	ng	96
52) Acenaphthene	9.951	154	249852	43.040	ng	99
53) 3-Nitroaniline	9.869	138	27174	17.807	ng	97
54) 2,4-Dinitrophenol	9.981	184	26509	38.198	ng	96
55) Dibenzofuran	10.128	168	357481	42.944	ng	98
56) 4-Nitrophenol	10.039	139	84132	80.532	ng	98
57) 2,4-Dinitrotoluene	10.110	165	84107	45.685	ng	98
58) Fluorene	10.469	166	279124	42.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	69036	43.400	ng	94
60) Diethylphthalate	10.339	149	296081	47.847	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	136552	44.016	ng	99
62) 4-Nitroaniline	10.486	138	55943	40.084	ng	98
63) Azobenzene	10.622	77	234736	42.443	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	21662	22.299	ng	91
66) n-Nitrosodiphenylamine	10.575	169	242824	43.625	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	80567	44.078	ng	97
68) Hexachlorobenzene	11.016	284	85173	41.936	ng	97
69) Atrazine	11.104	200	77440	53.876	ng	98
70) Pentachlorophenol	11.216	266	89387	88.321	ng	99
71) Phenanthrene	11.433	178	381857	43.892	ng	100
72) Anthracene	11.486	178	390497	43.765	ng	100
73) Carbazole	11.639	167	371783	48.284	ng	100
74) Di-n-butylphthalate	11.963	149	452291	56.386	ng	99
75) Fluoranthene	12.622	202	434421	52.614	ng	100
77) Benzidine	12.745	184	102906	18.010	ng	100
78) Pyrene	12.857	202	448401	31.455	ng	99
80) Butylbenzylphthalate	13.469	149	203697	49.261	ng	97
81) Benzo(a)anthracene	14.045	228	446018	43.474	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	52551	15.792	ng	99
83) Chrysene	14.080	228	410180	44.805	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	295709	49.704	ng	99
85) Di-n-octyl phthalate	14.639	149	504264	44.950	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	251480	30.456	ng	99
88) Benzo(b)fluoranthene	15.110	252	333778	53.210	ng	100
89) Benzo(k)fluoranthene	15.139	252	324656	55.320	ng	100
90) Benzo(a)pyrene	15.486	252	281662	46.479	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	206114	30.722	ng	98
92) Benzo(g,h,i)perylene	17.510	276	197897	29.581	ng	98

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

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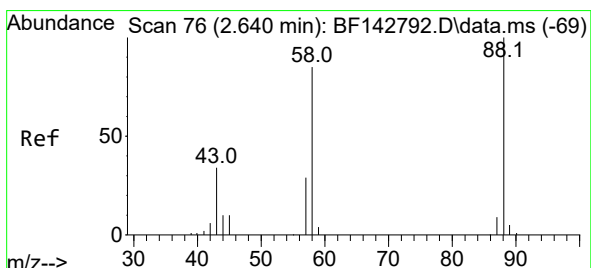
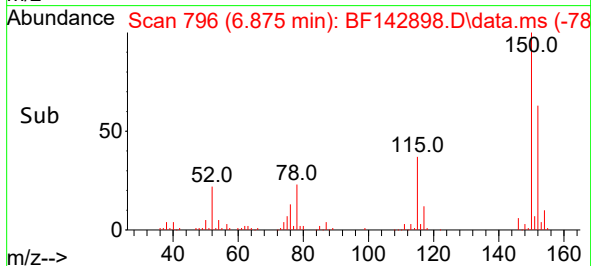
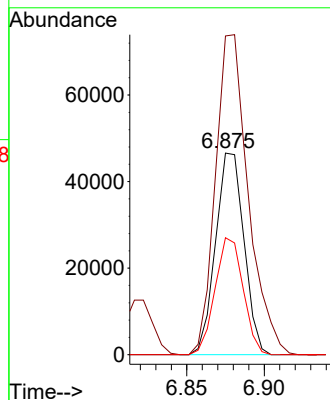
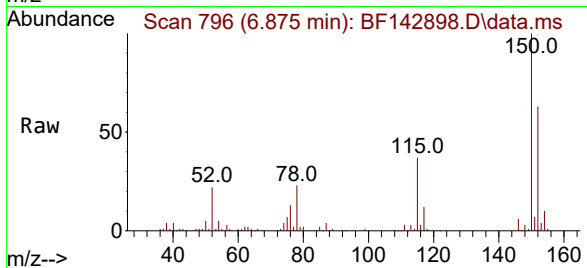




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

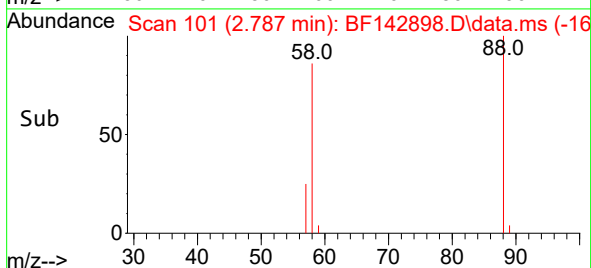
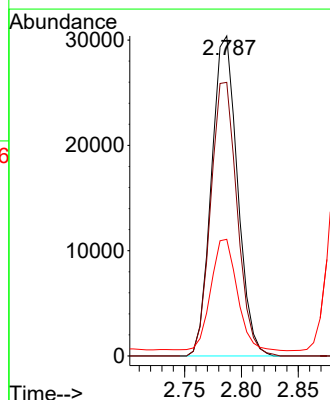
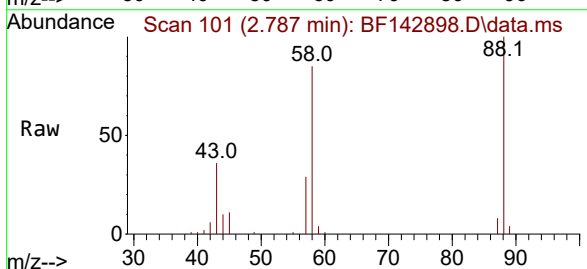
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Tgt Ion:152 Resp: 59440
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.2 190.8
 115 58.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 33.882 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.147 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

Tgt Ion: 88 Resp: 48382
 Ion Ratio Lower Upper
 88 100
 58 87.1 69.1 103.7
 43 0.0 27.4 41.2#

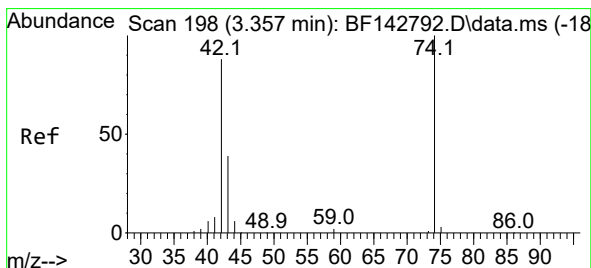
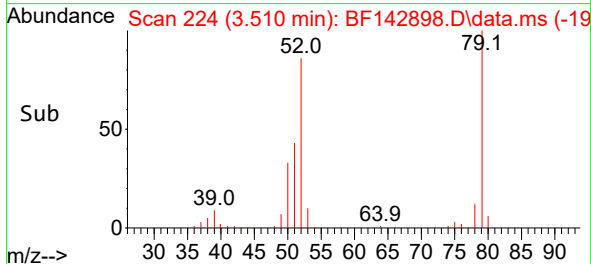
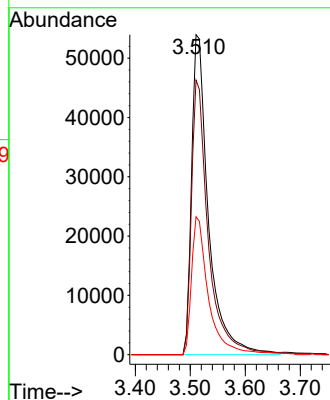
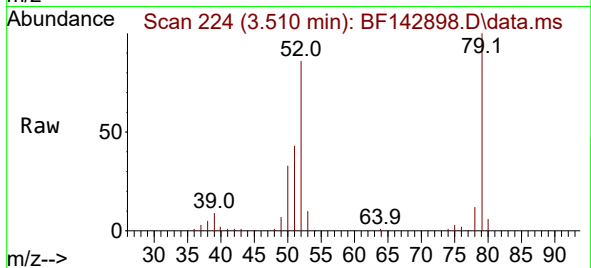




#3
 Pyridine
 Concen: 32.198 ng
 RT: 3.510 min Scan# 213
 Delta R.T. 0.100 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

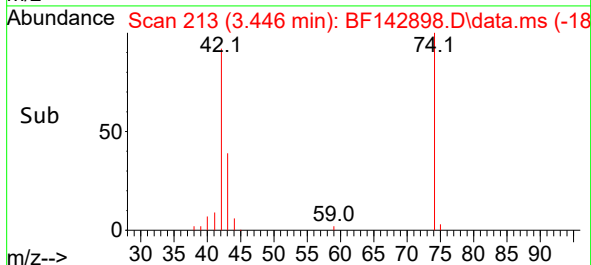
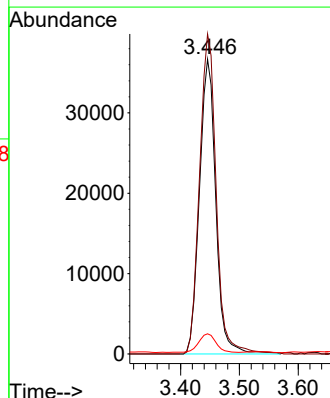
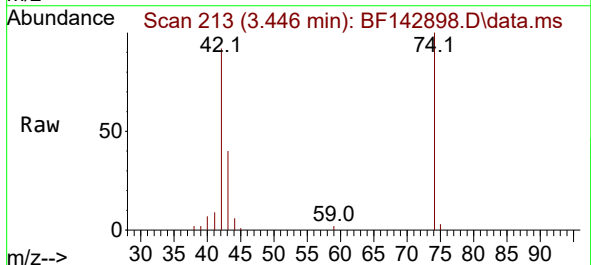
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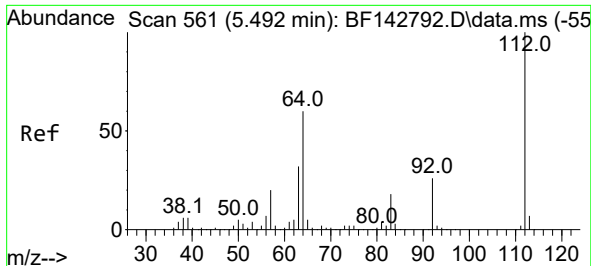
Tgt Ion: 79 Resp: 115265
 Ion Ratio Lower Upper
 79 100
 52 85.8 69.2 103.8
 51 43.1 33.2 49.8



#4
 n-Nitrosodimethylamine
 Concen: 38.331 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.088 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

Tgt Ion: 42 Resp: 70959
 Ion Ratio Lower Upper
 42 100
 74 108.6 90.9 136.3
 44 6.9 5.8 8.6

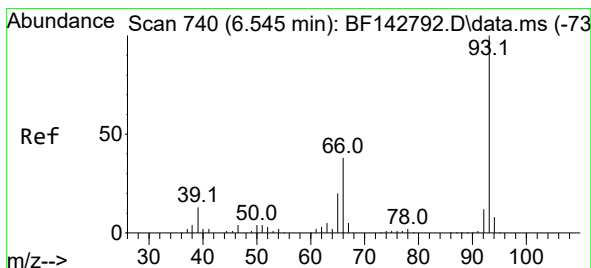
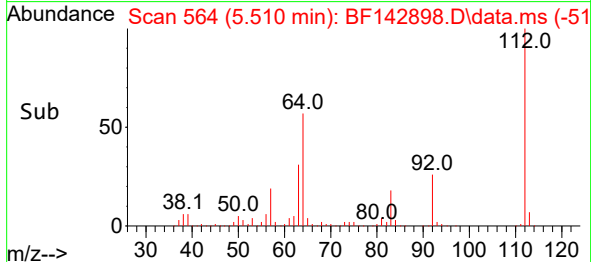
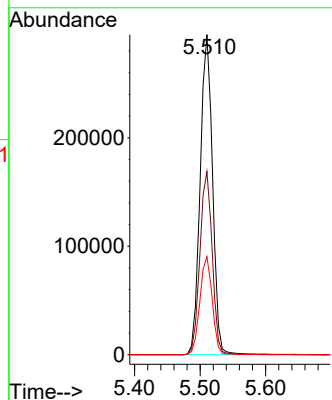
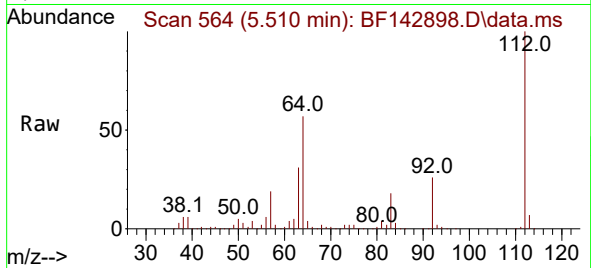




#5
2-Fluorophenol
Concen: 108.747 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

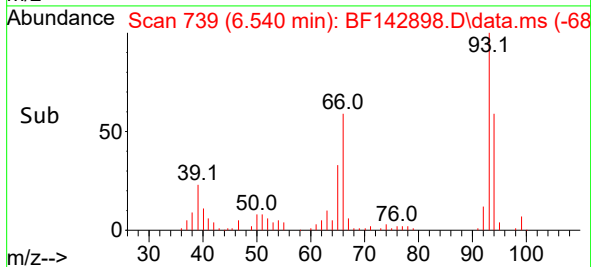
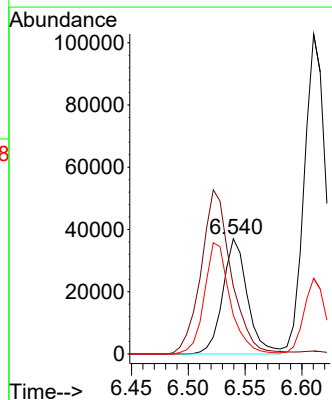
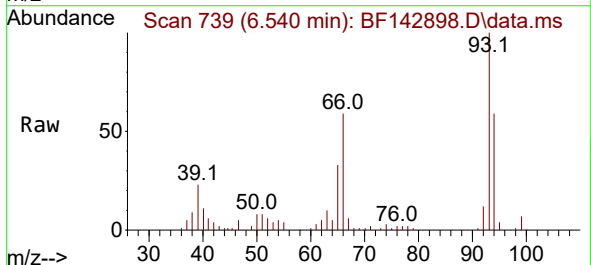
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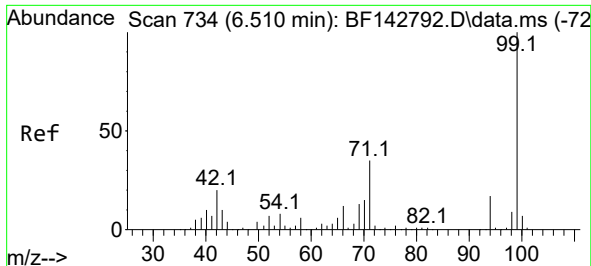
Tgt Ion:112 Resp: 388240
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 9.982 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion: 93 Resp: 55945
Ion Ratio Lower Upper
93 100
66 58.6 31.8 47.6#
65 33.5 16.2 24.2#

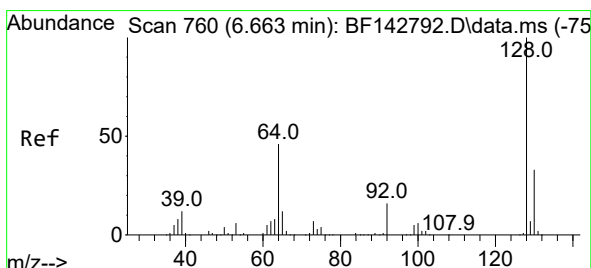
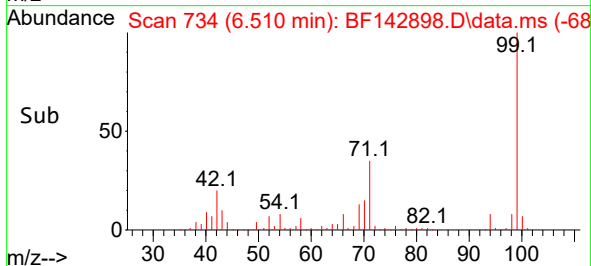
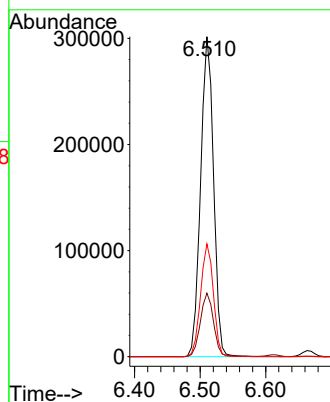
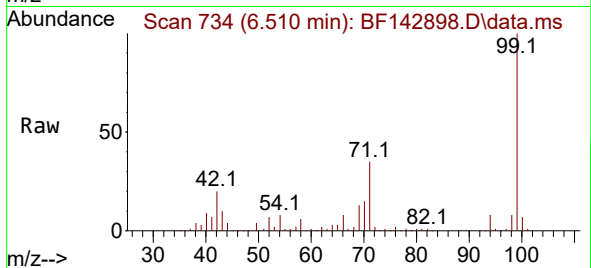




#7
Phenol-d6
Concen: 98.508 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

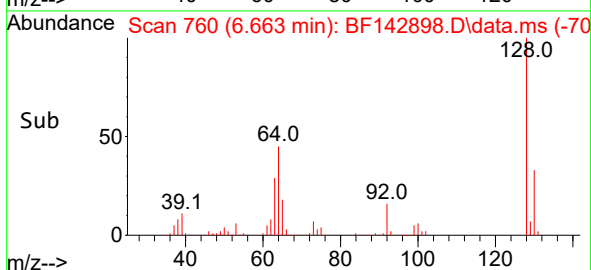
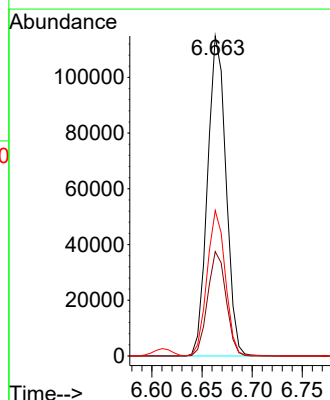
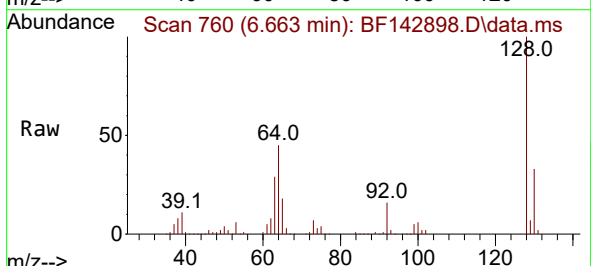
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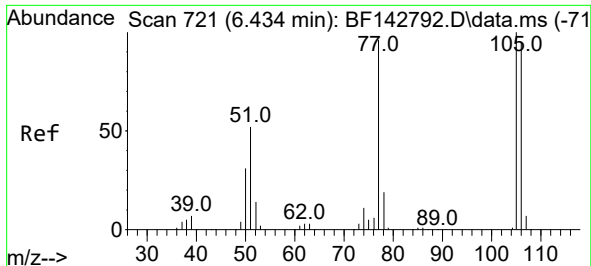
Tgt Ion: 99 Resp: 414922
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 38.197 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:128 Resp: 147102
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 45.5 26.5 66.5

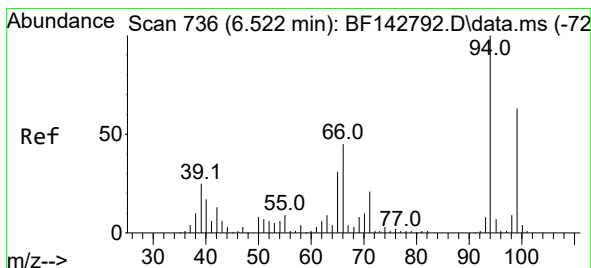
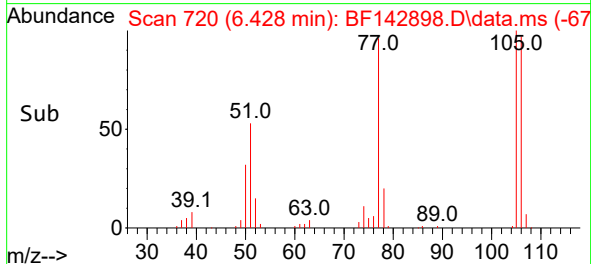
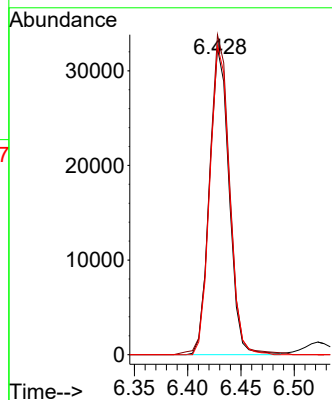
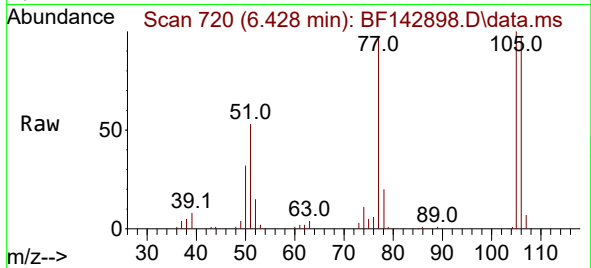




#9
Benzaldehyde
Concen: 16.537 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

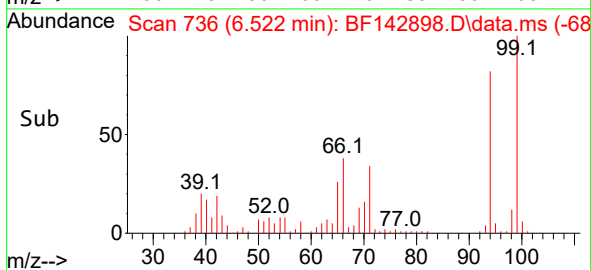
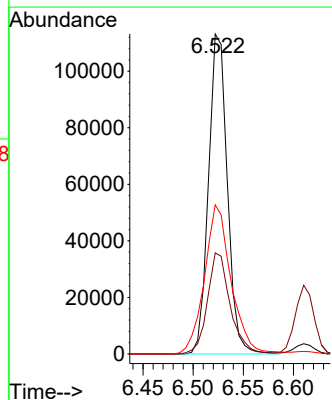
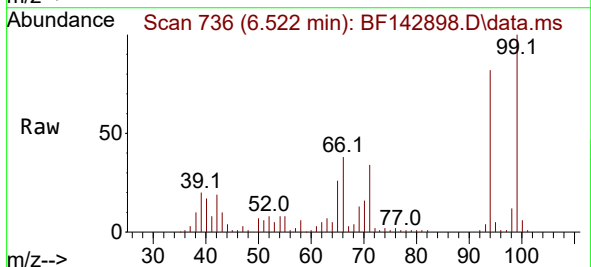
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Tgt Ion: 77 Resp: 41324
Ion Ratio Lower Upper
77 100
105 104.3 83.8 123.8
106 100.8 78.7 118.7



#10
Phenol
Concen: 31.630 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142898.D
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Tgt Ion: 94 Resp: 148091
Ion Ratio Lower Upper
94 100
65 31.6 11.3 51.3
66 46.6 24.9 64.9

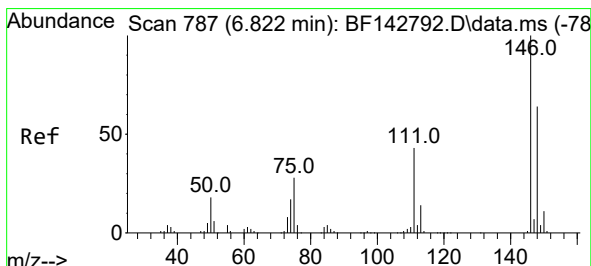
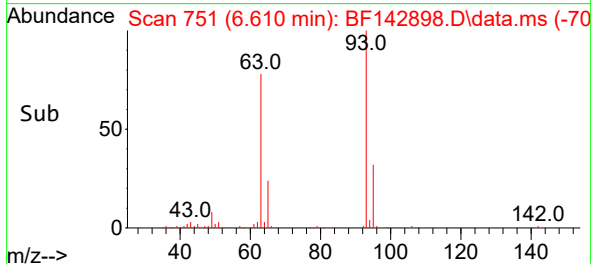
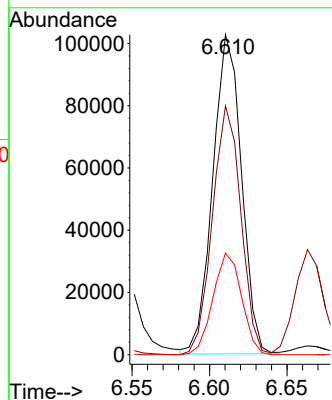
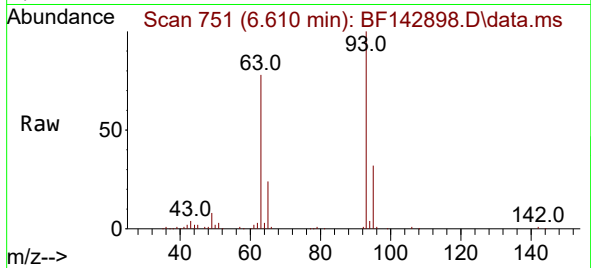




#11
bis(2-Chloroethyl)ether
Concen: 39.463 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

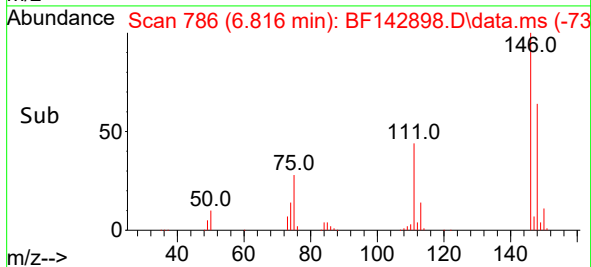
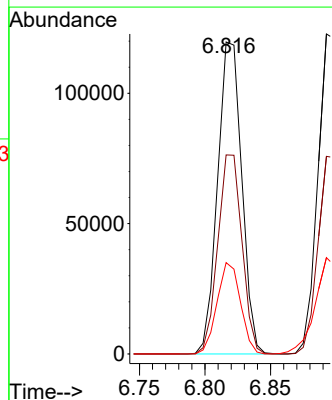
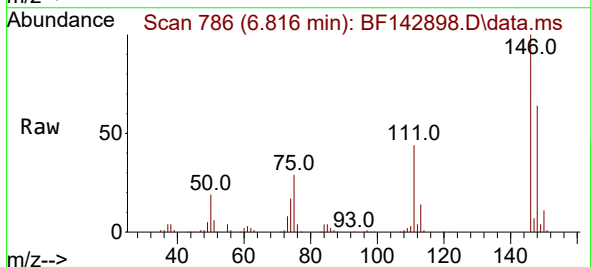
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 93 Resp: 132055
Ion Ratio Lower Upper
93 100
63 77.7 60.3 100.3
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 35.585 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:146 Resp: 153268
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 29.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 36.043 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

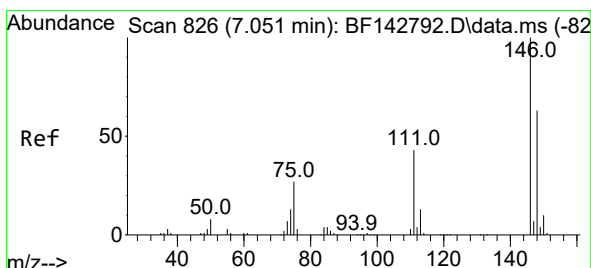
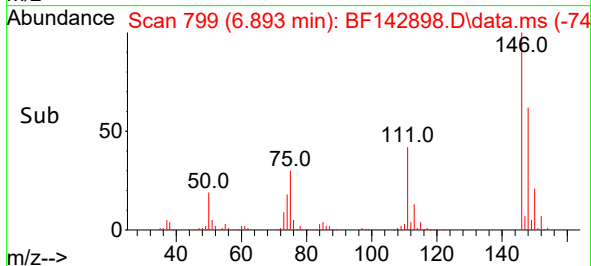
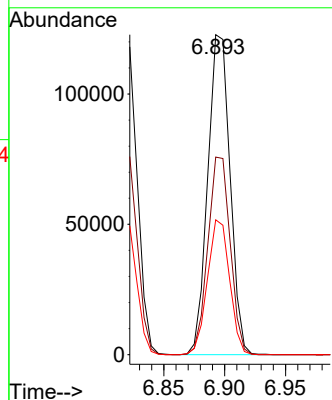
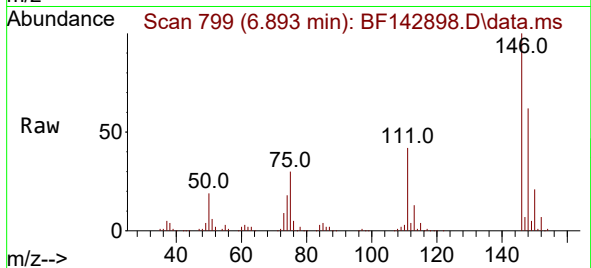
Tgt Ion:146 Resp: 156623

Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

111 42.2 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 36.392 ng

RT: 7.046 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

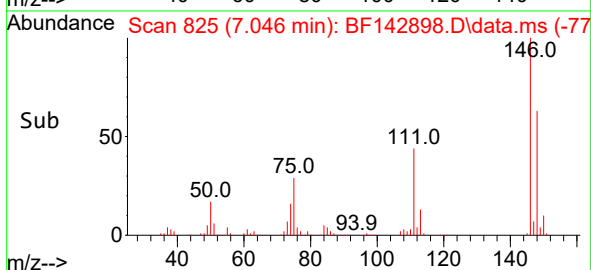
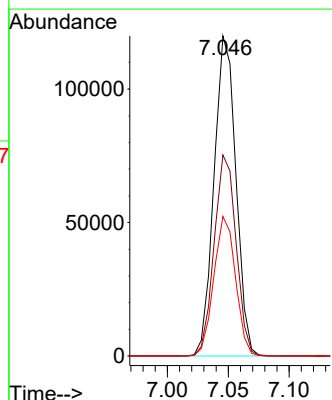
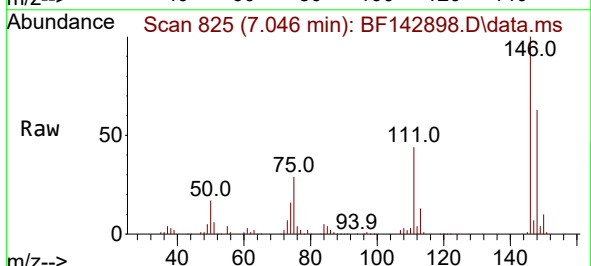
Tgt Ion:146 Resp: 149994

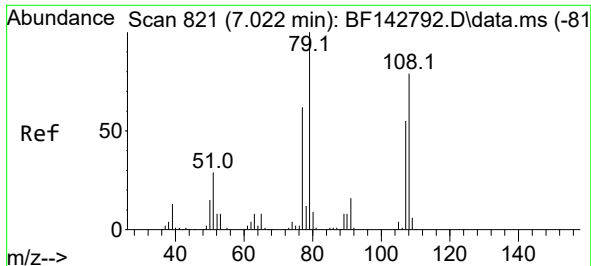
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 43.6 34.1 51.1

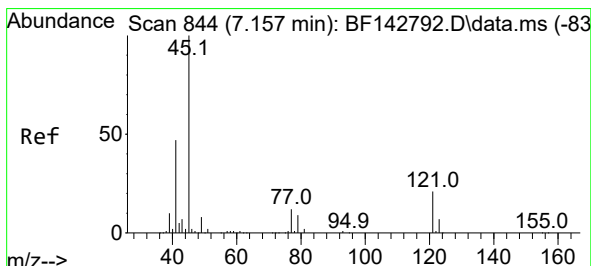
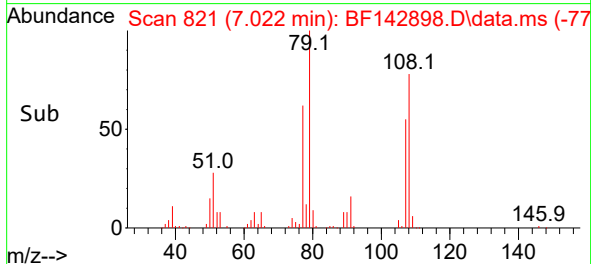
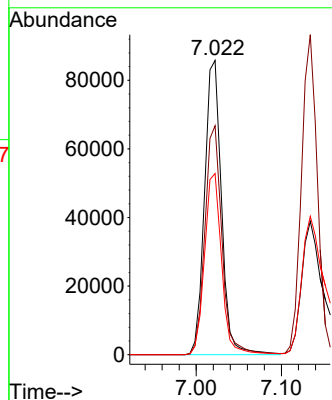
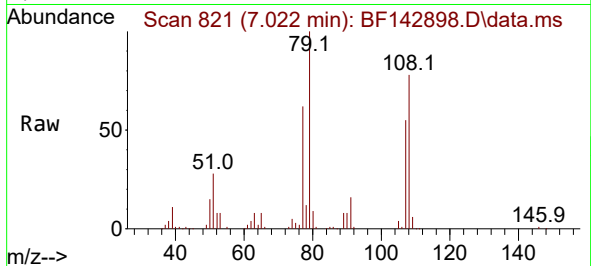




#15
Benzyl Alcohol
Concen: 39.003 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

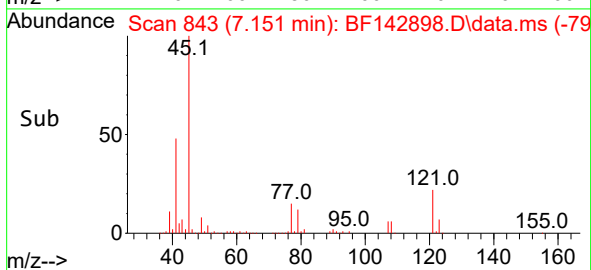
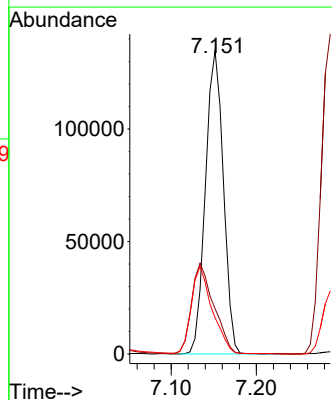
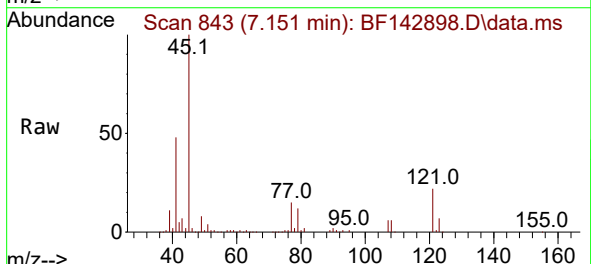
Instrument :
BNA_F
ClientSampleId :
WC-1MS

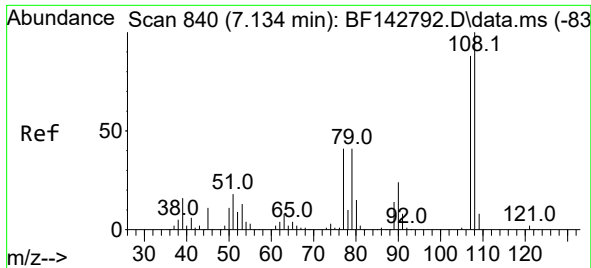
Tgt Ion: 79 Resp: 118765
Ion Ratio Lower Upper
79 100
108 77.8 63.4 95.0
77 61.5 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.633 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion: 45 Resp: 196950
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.8
79 11.9 0.0 29.8

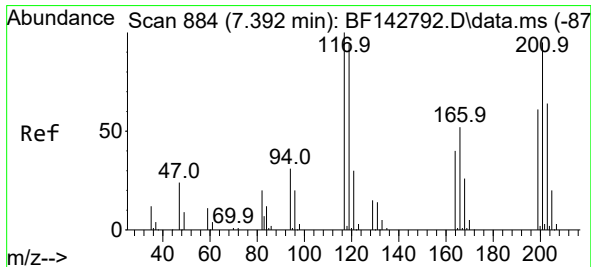
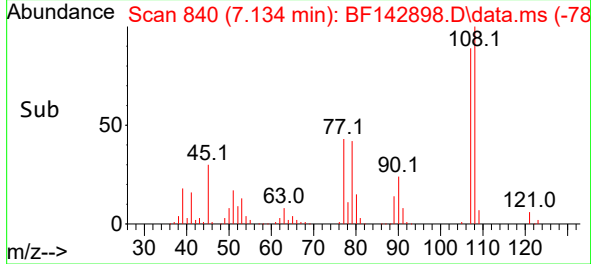
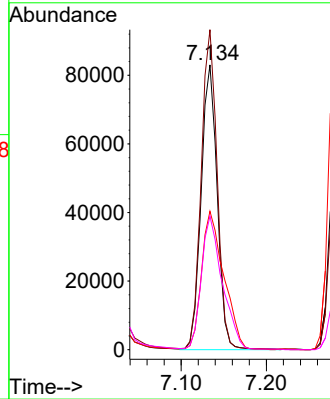
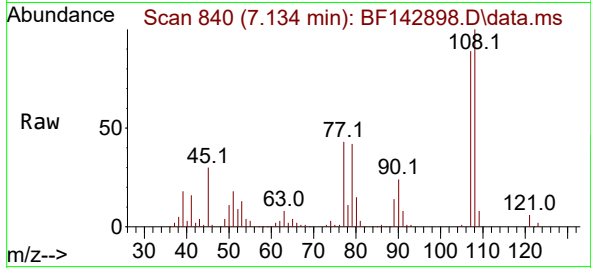




#17
2-Methylphenol
Concen: 37.270 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

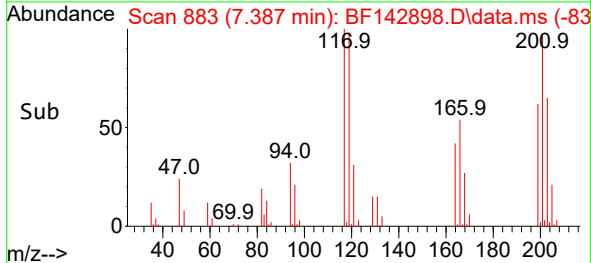
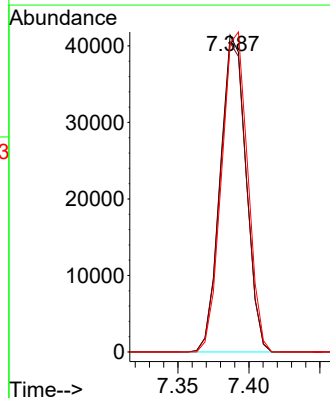
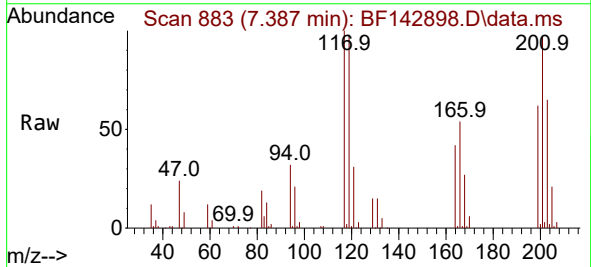
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:	107	Resp:	108772
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	48.6	37.3	55.9
79	46.9	37.2	55.8



#18
Hexachloroethane
Concen: 34.490 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:	117	Resp:	52423
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.4	113.0
201	97.4	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.792 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 70 Resp: 95031

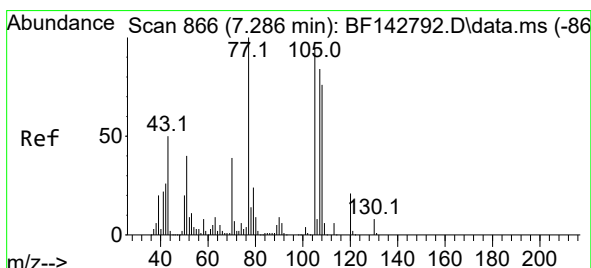
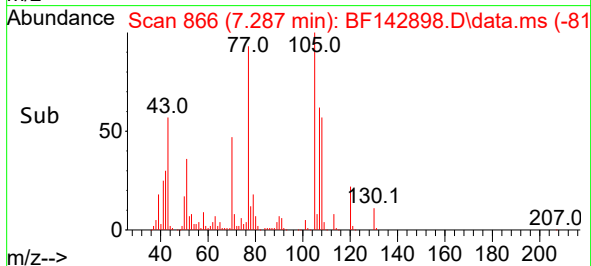
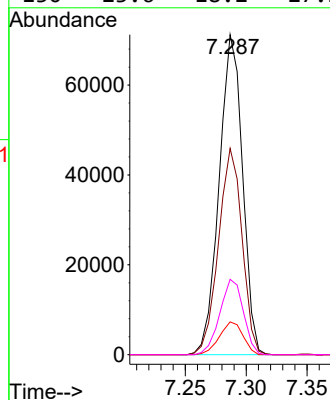
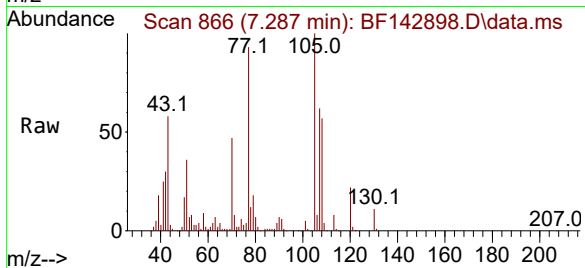
Ion Ratio Lower Upper

70 100

42 64.4 52.1 78.1

101 10.3 8.2 12.2

130 23.6 18.2 27.2



#20

3+4-Methylphenols

Concen: 37.239 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Tgt Ion:107 Resp: 135505

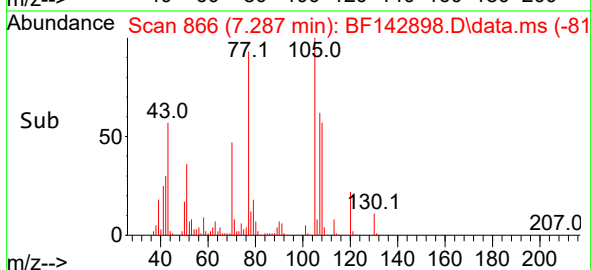
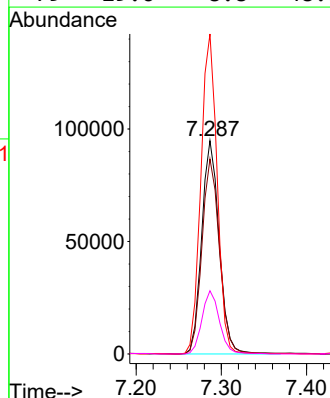
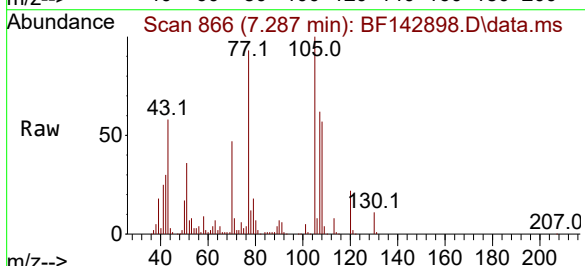
Ion Ratio Lower Upper

107 100

108 91.4 70.0 110.0

77 150.1 98.5 138.5#

79 29.6 8.8 48.8



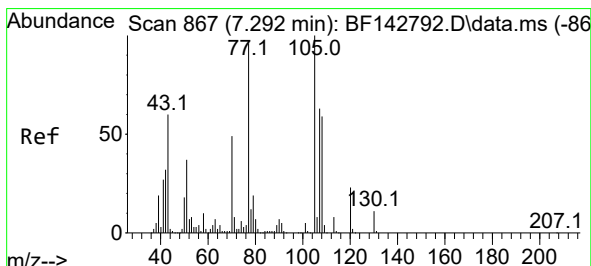
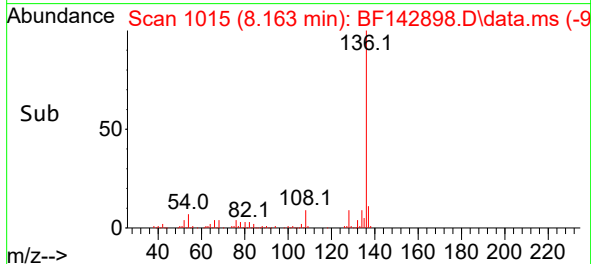
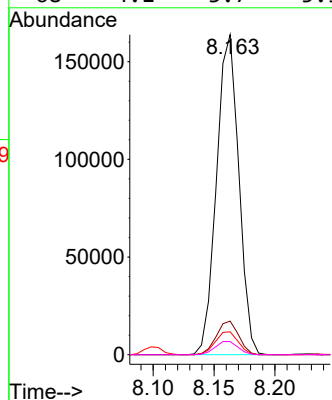
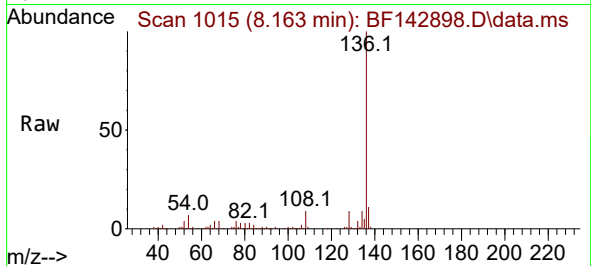


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:136 Resp: 208671

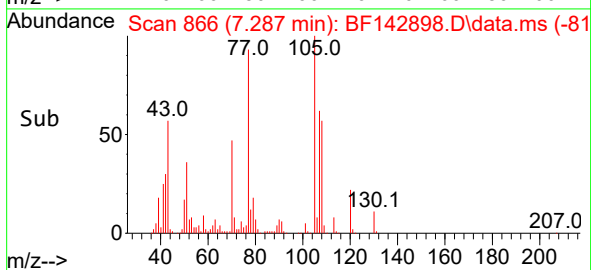
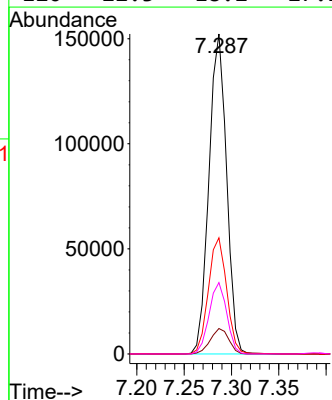
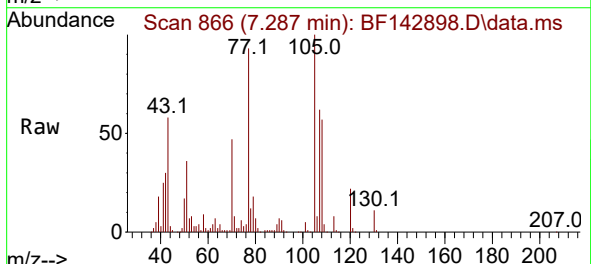
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.1	6.3	9.5
68	4.1	3.7	5.5

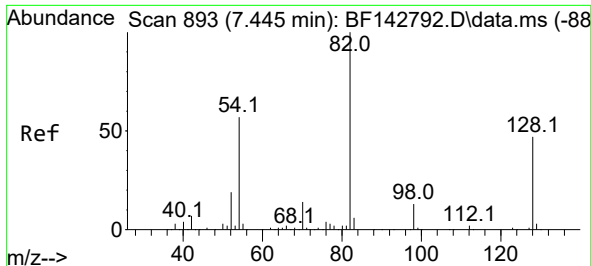


#22
Acetophenone
Concen: 42.740 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:105 Resp: 196671

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	36.3	29.8	44.8
120	22.3	18.2	27.2





#23

Nitrobenzene-d5

Concen: 77.878 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

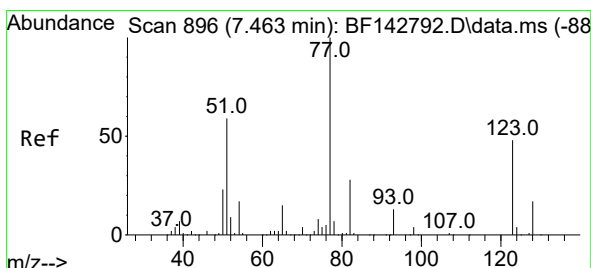
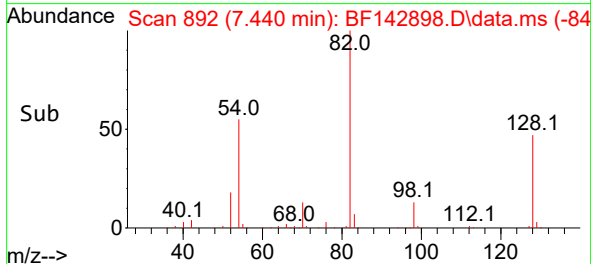
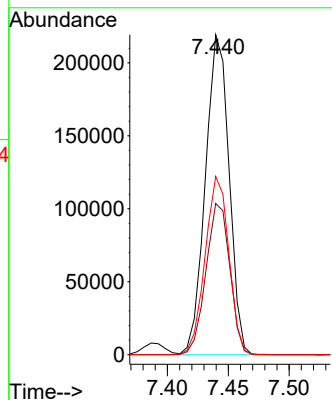
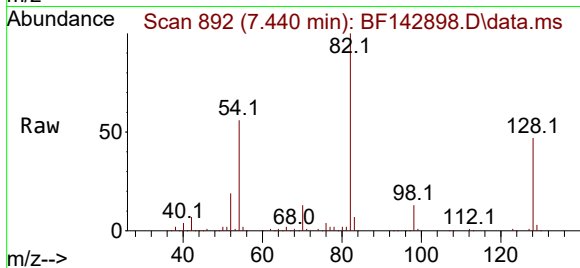
Tgt Ion: 82 Resp: 296276

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 55.7 45.7 68.5



#24

Nitrobenzene

Concen: 40.193 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

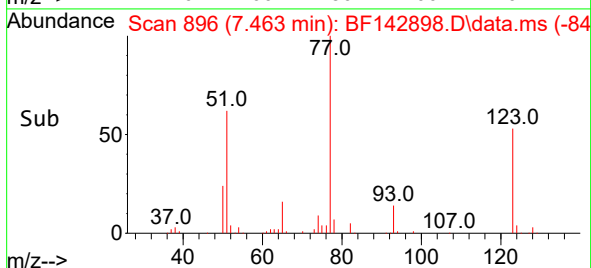
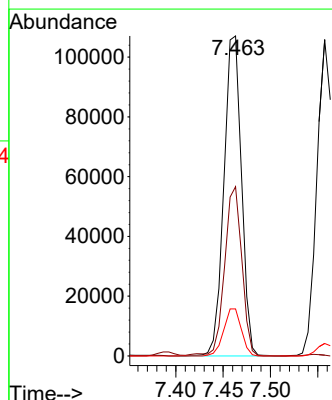
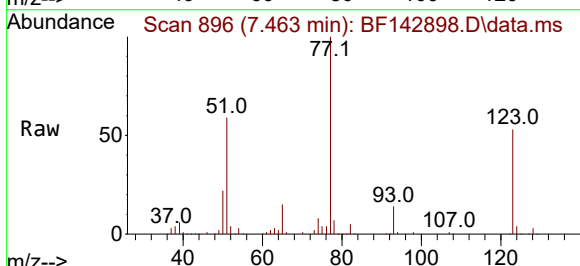
Tgt Ion: 77 Resp: 138397

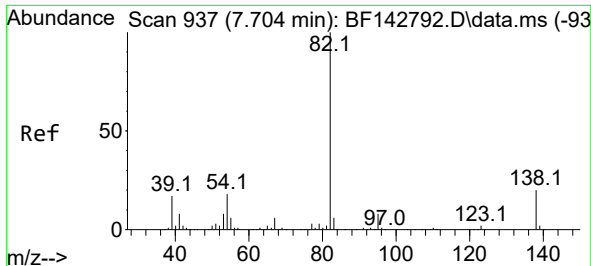
Ion Ratio Lower Upper

77 100

123 52.9 39.2 58.8

65 14.7 11.6 17.4

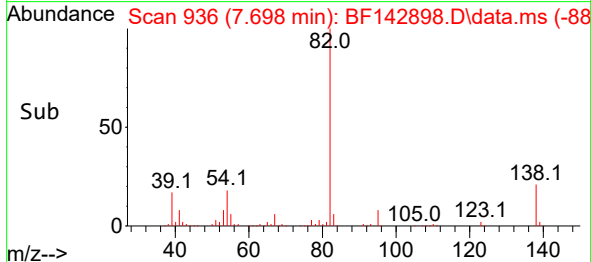
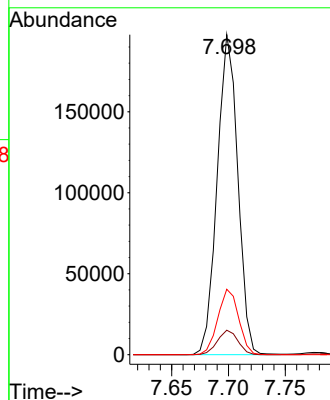
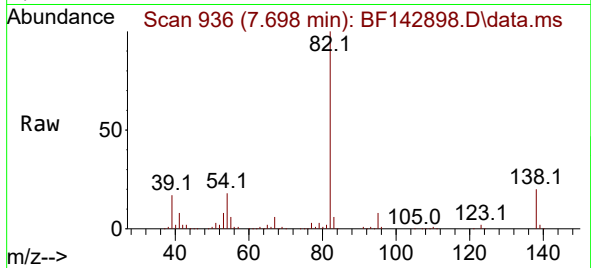




#25
Isophorone
Concen: 40.944 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

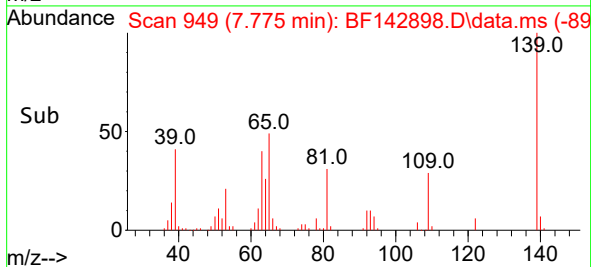
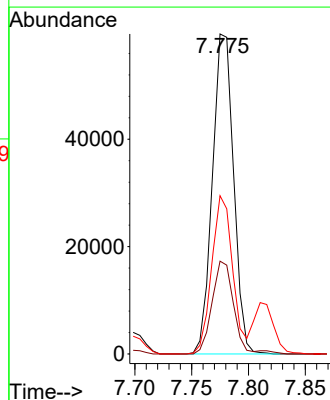
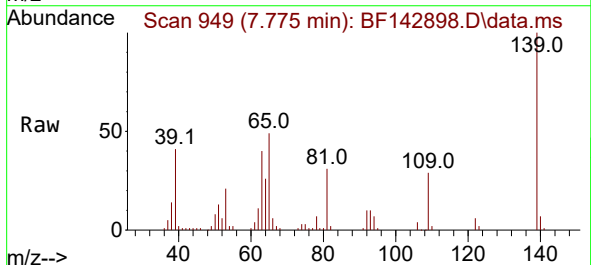
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 82 Resp: 249870
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4



#26
2-Nitrophenol
Concen: 41.224 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:139 Resp: 77324
Ion Ratio Lower Upper
139 100
109 29.0 22.7 34.1
65 49.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.759 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

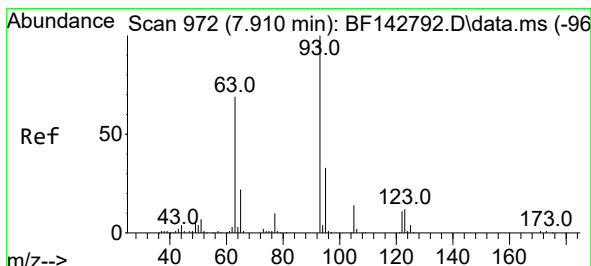
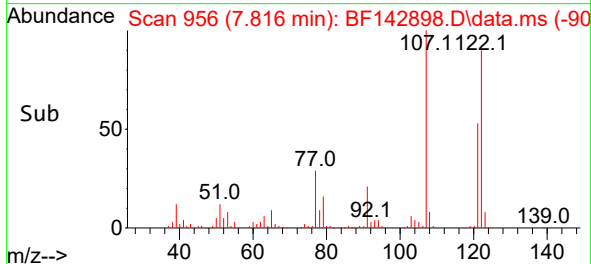
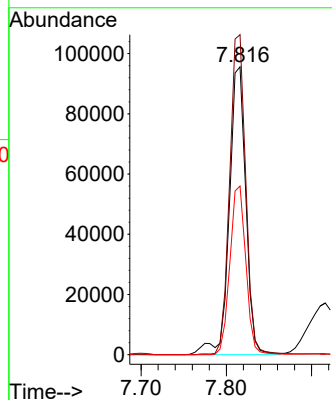
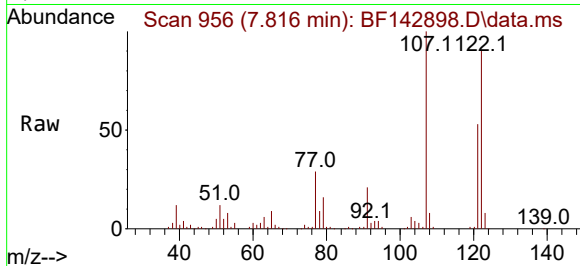
Tgt Ion:122 Resp: 129179

Ion Ratio Lower Upper

122 100

107 111.2 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.253 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

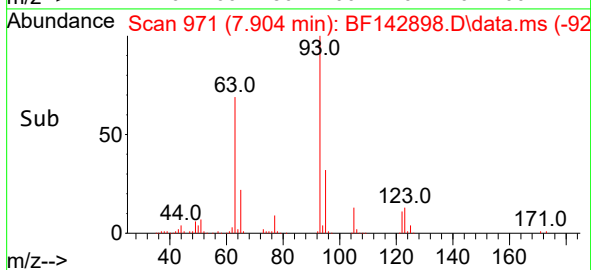
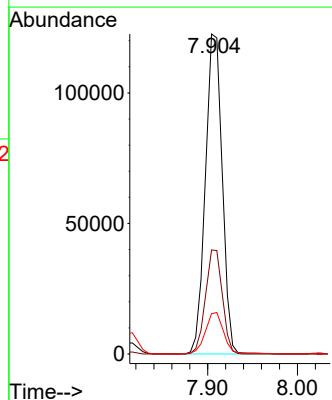
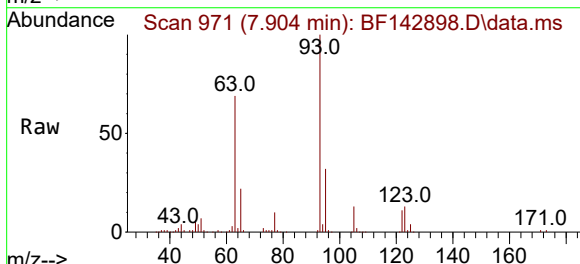
Tgt Ion: 93 Resp: 160055

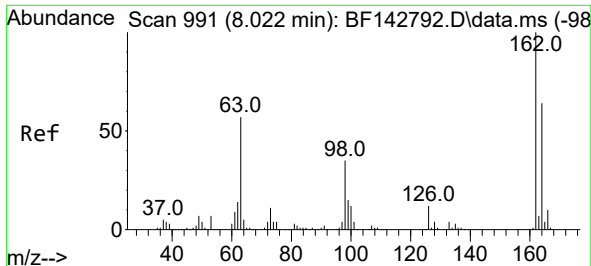
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.624 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

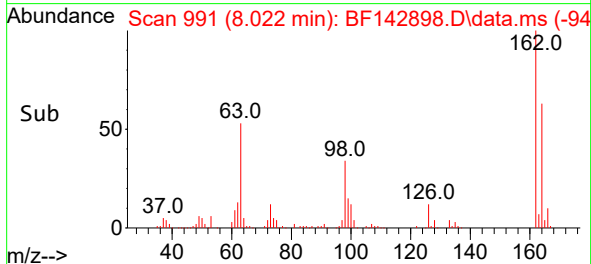
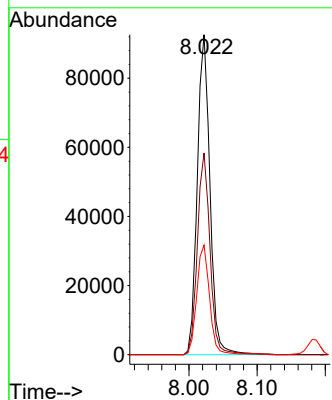
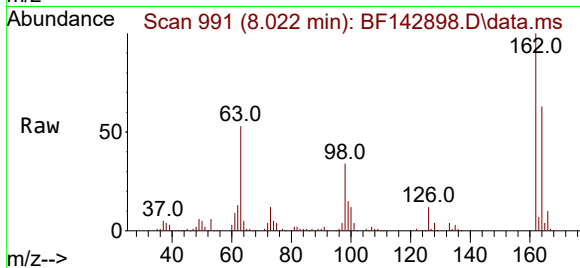
Tgt Ion:162 Resp: 119677

Ion Ratio Lower Upper

162 100

164 63.1 44.0 84.0

98 34.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 39.210 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

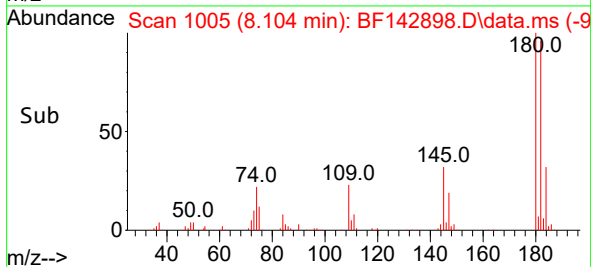
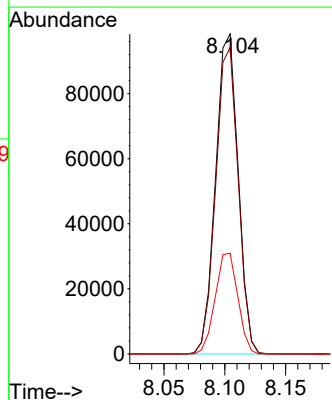
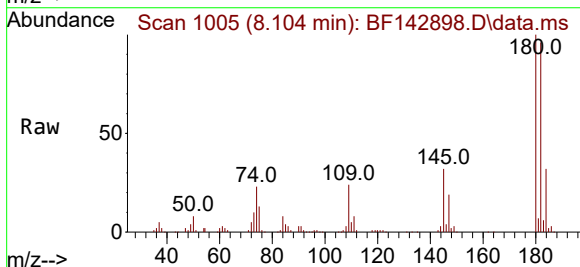
Tgt Ion:180 Resp: 127019

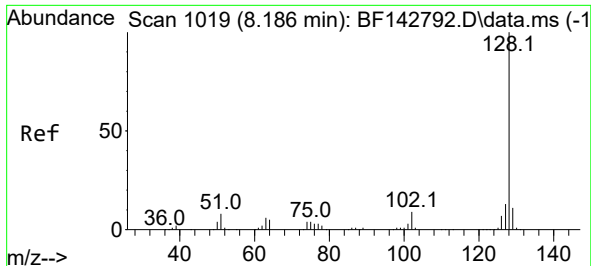
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.5 25.8 38.8

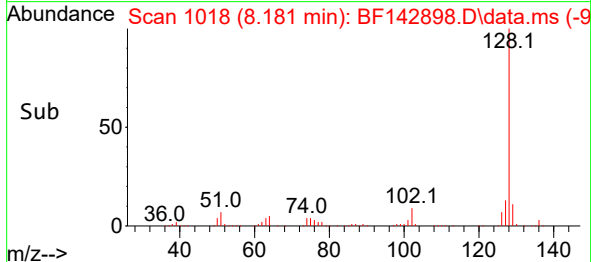
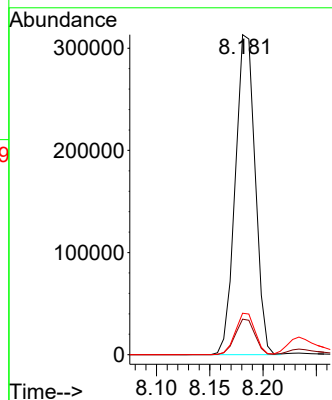
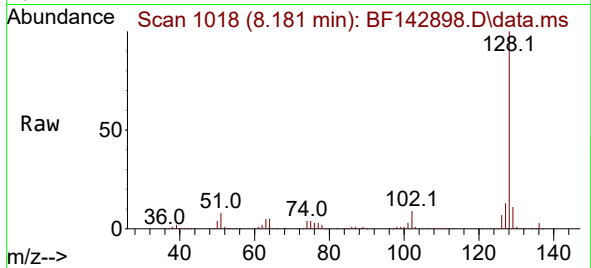




#31
Naphthalene
Concen: 39.940 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

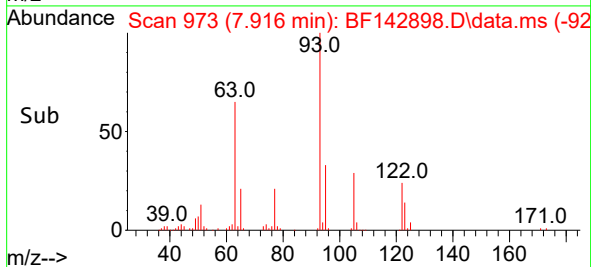
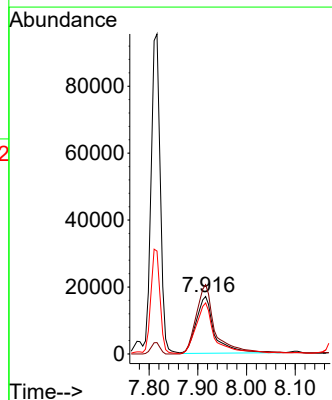
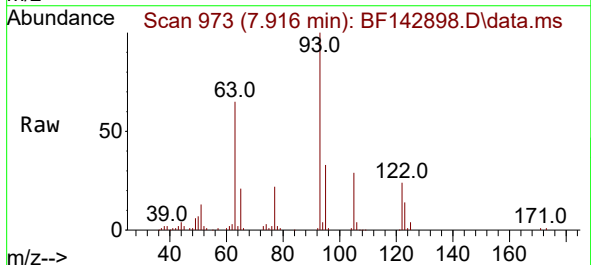
Instrument :
BNA_F
ClientSampleId :
WC-1MS

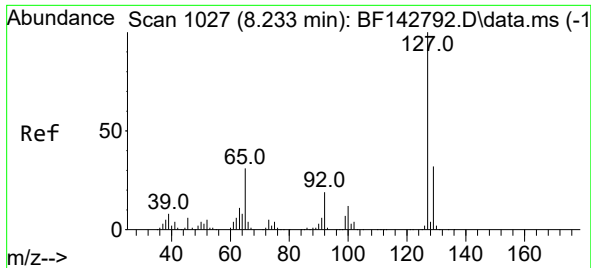
Tgt Ion:128 Resp: 407947
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 26.852 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:122 Resp: 44467
Ion Ratio Lower Upper
122 100
105 120.7 104.7 144.7
77 88.7 70.2 110.2

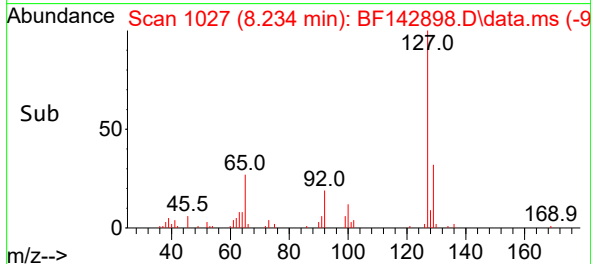
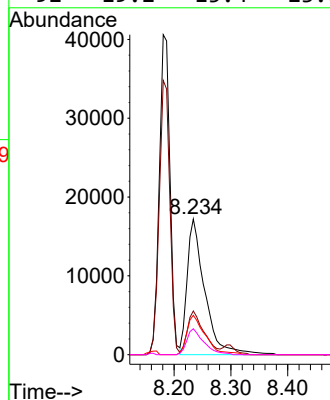
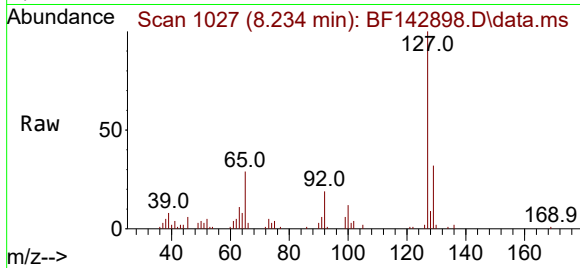




#33
4-Chloroaniline
Concen: 8.944 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

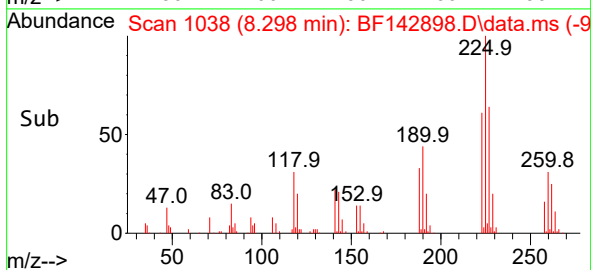
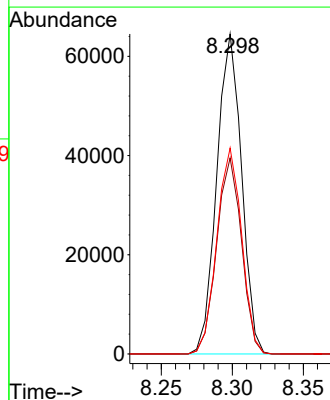
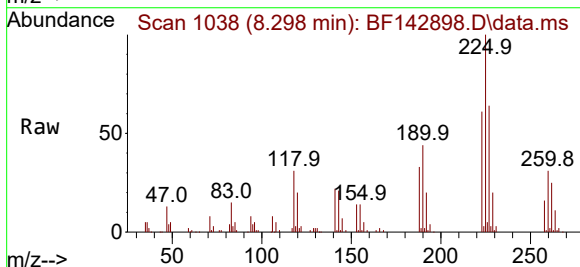
Instrument :
BNA_F
ClientSampleId :
WC-1MS

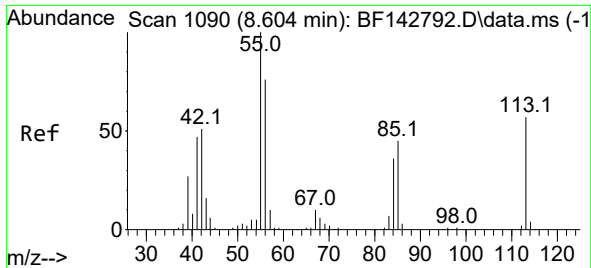
Tgt Ion:	127	Resp:	37145
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.0	24.6	36.8
92	19.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.438 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:	225	Resp:	78146
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	64.3	51.4	77.0

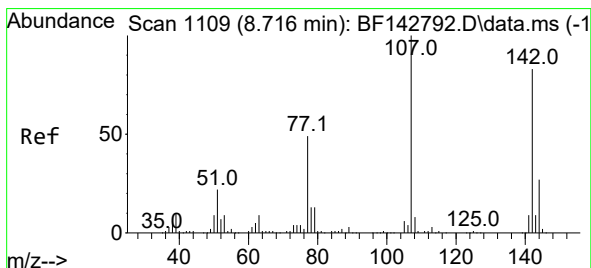
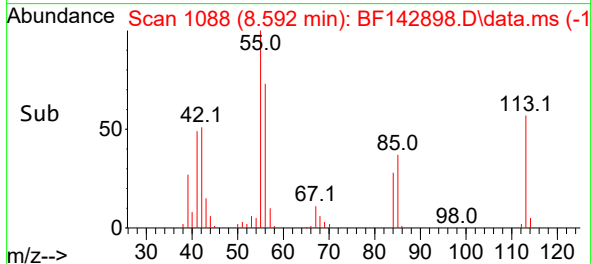
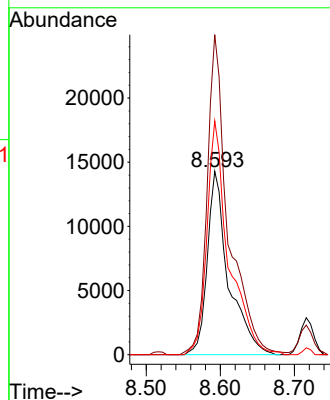
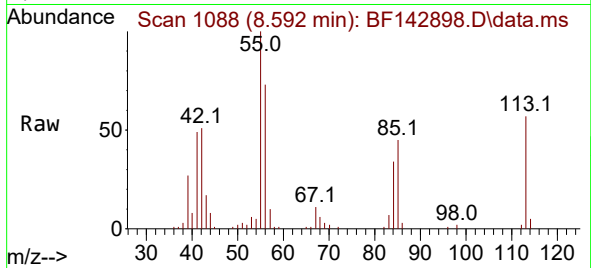




#35
 Caprolactam
 Concen: 36.778 ng
 RT: 8.592 min Scan# 1090
 Delta R.T. -0.012 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

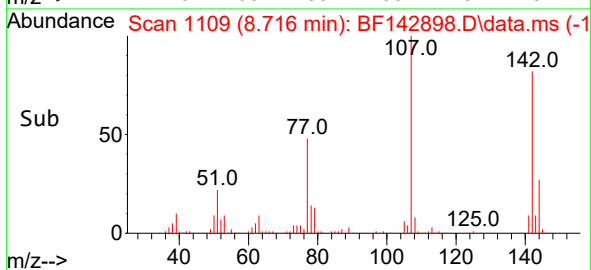
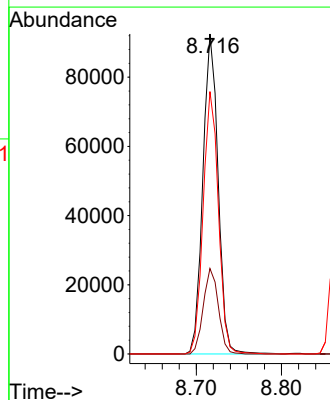
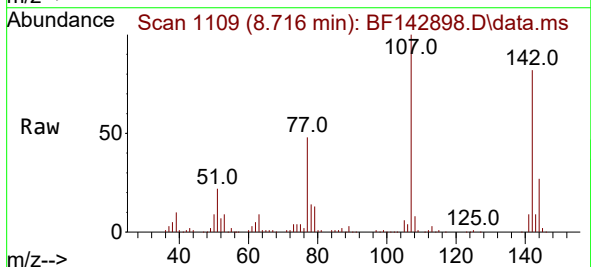
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

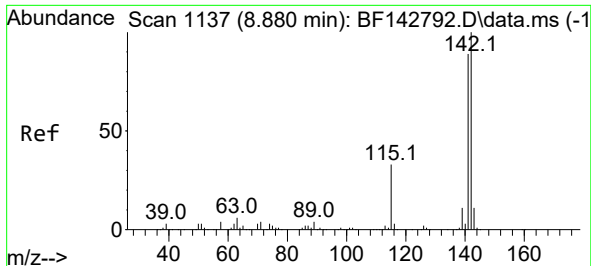
Tgt Ion:113 Resp: 28590
 Ion Ratio Lower Upper
 113 100
 55 174.6 154.4 194.4
 56 127.5 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.229 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

Tgt Ion:107 Resp: 114854
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.3 31.9
 142 82.0 66.6 100.0

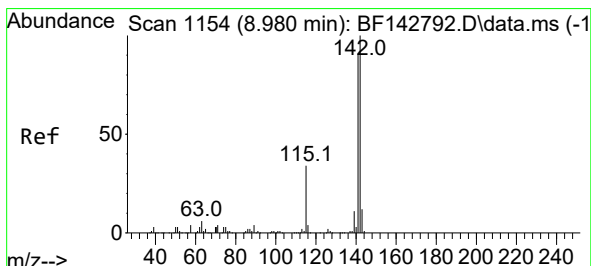
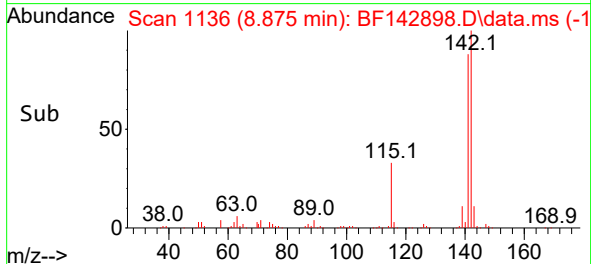
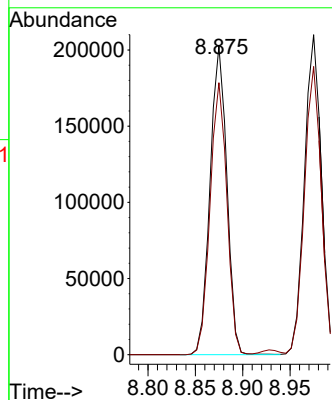
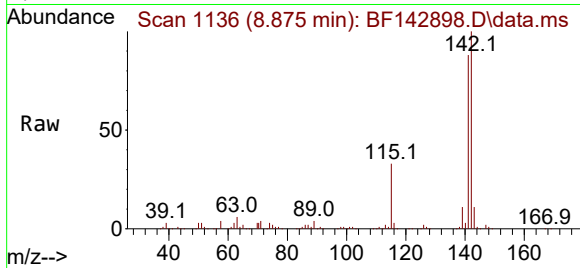




#37
2-Methylnaphthalene
Concen: 39.425 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

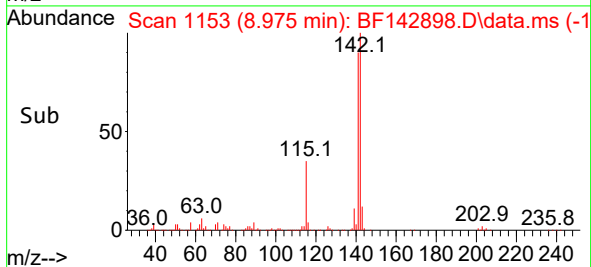
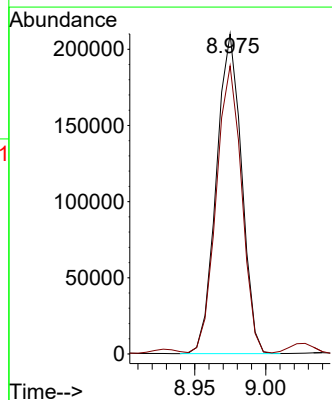
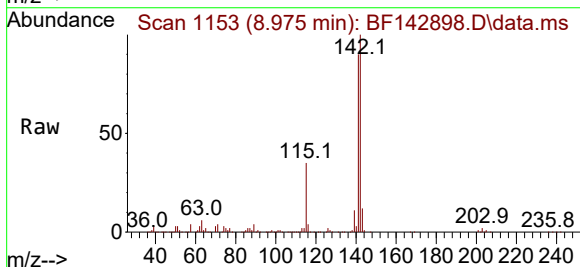
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:142 Resp: 249656
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 39.559 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:142 Resp: 259315
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.4

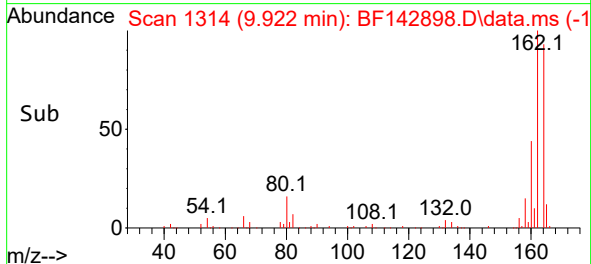
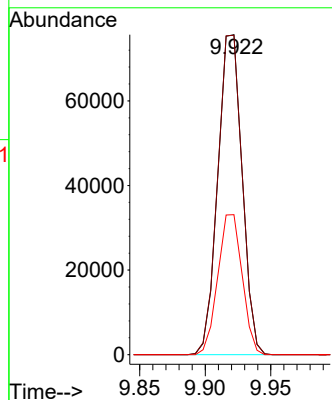
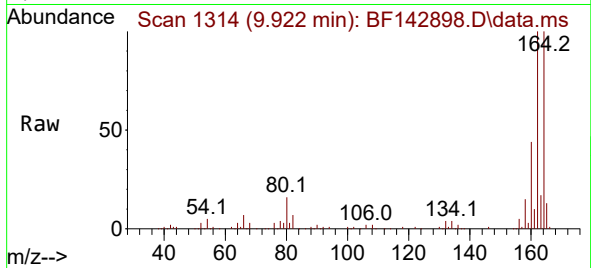




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

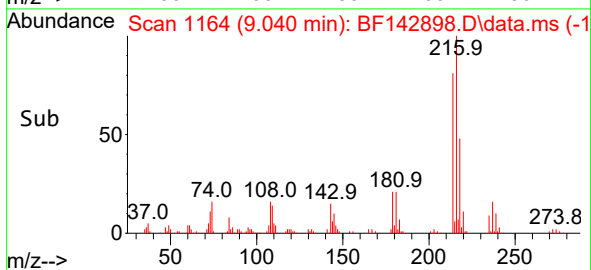
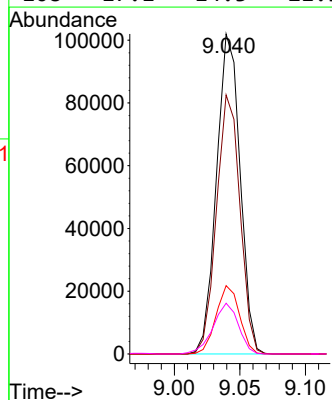
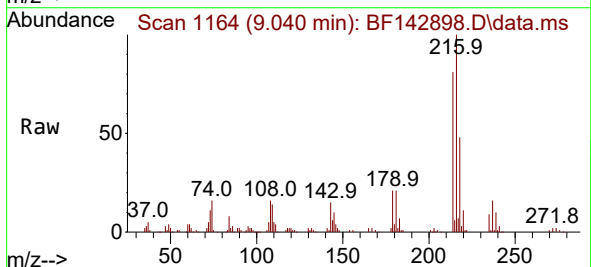
Instrument :
BNA_F
ClientSampleId :
WC-1MS

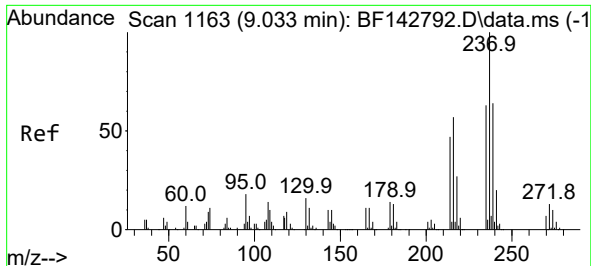
Tgt Ion:164 Resp: 97500
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.8
160 43.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.299 ng
RT: 9.040 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:216 Resp: 127445
Ion Ratio Lower Upper
216 100
214 80.5 63.7 95.5
179 21.2 17.6 26.4
108 17.1 14.3 21.5

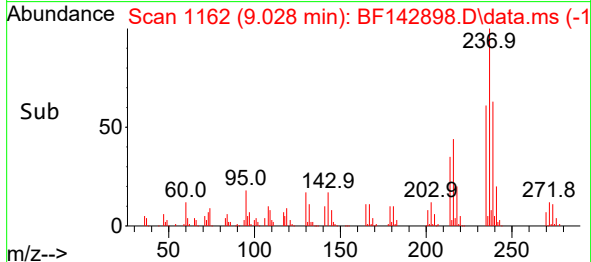
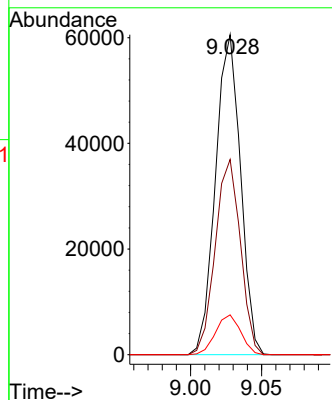
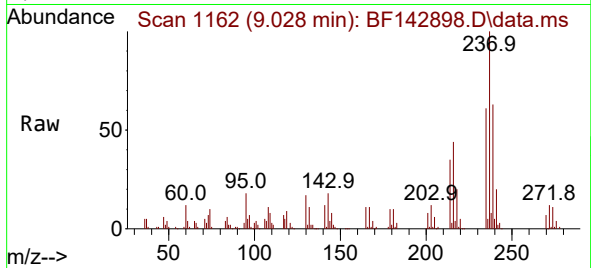




#41
Hexachlorocyclopentadiene
Concen: 45.399 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

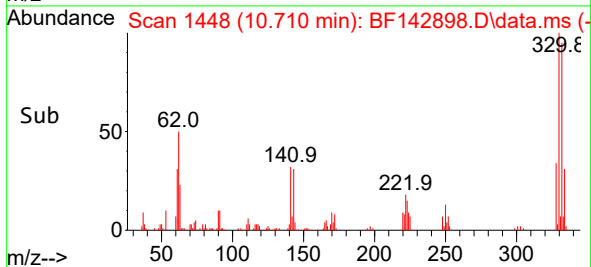
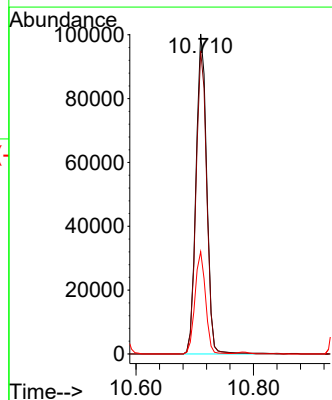
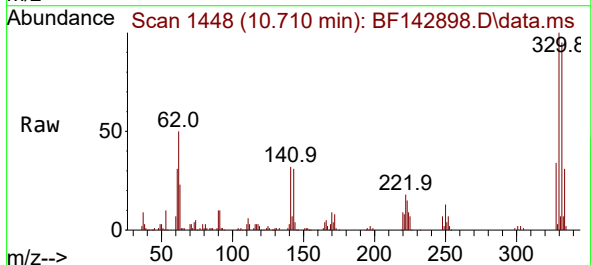
Instrument :
BNA_F
ClientSampleId :
WC-1MS

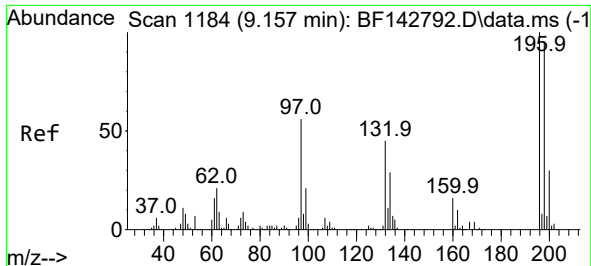
Tgt Ion:237 Resp: 74117
Ion Ratio Lower Upper
237 100
235 61.0 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 126.830 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:330 Resp: 127254
Ion Ratio Lower Upper
330 100
332 94.9 75.0 112.6
141 31.6 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.346 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

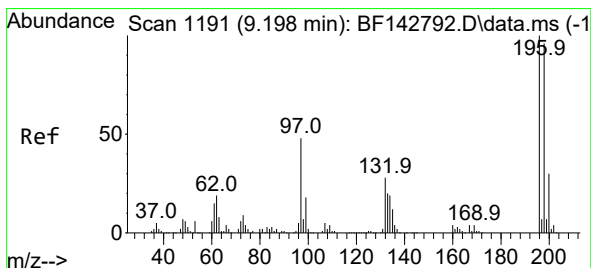
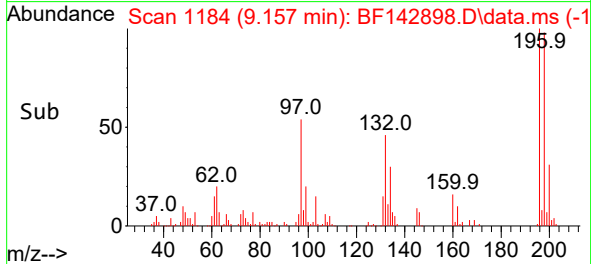
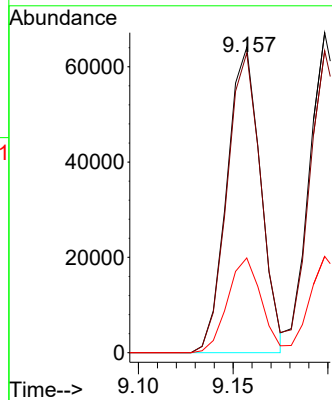
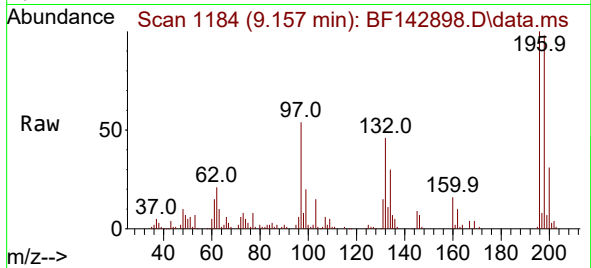
Tgt Ion:196 Resp: 79384

Ion Ratio Lower Upper

196 100

198 98.2 76.2 114.2

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.760 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Tgt Ion:196 Resp: 84383

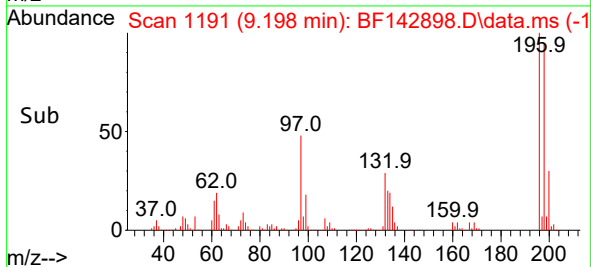
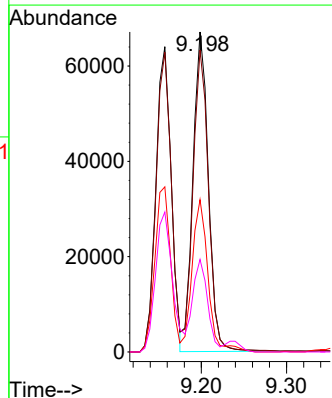
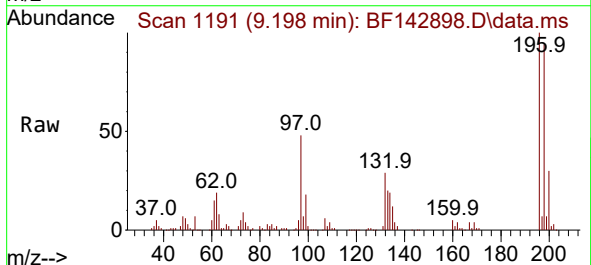
Ion Ratio Lower Upper

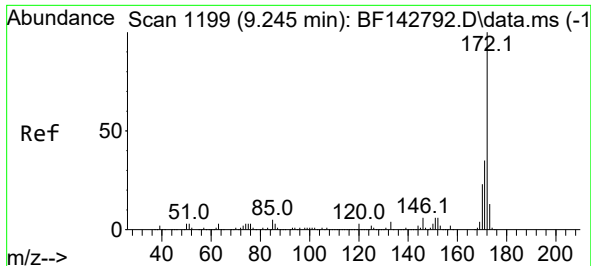
196 100

198 94.3 76.6 115.0

97 47.6 38.2 57.2

132 28.9 23.4 35.0

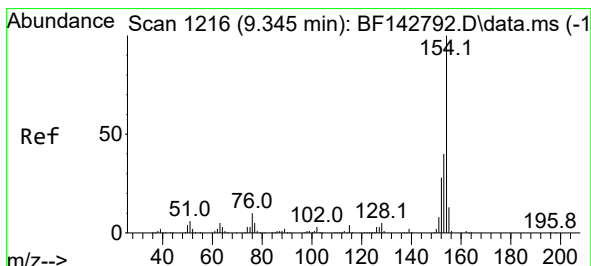
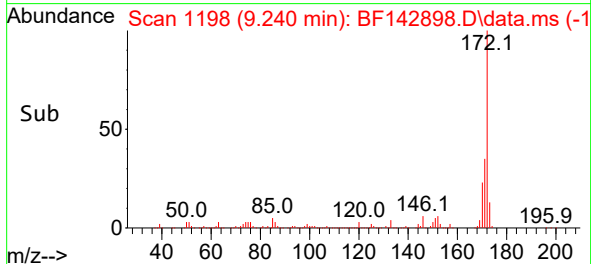
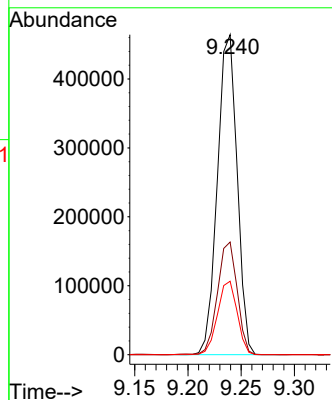
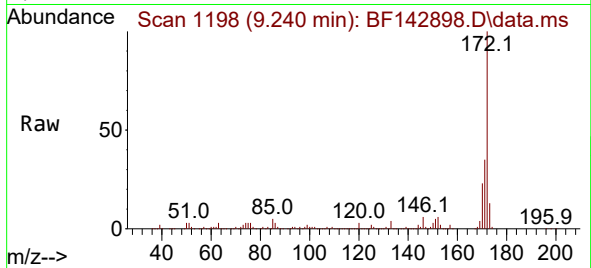




#45
2-Fluorobiphenyl
Concen: 80.364 ng
RT: 9.240 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

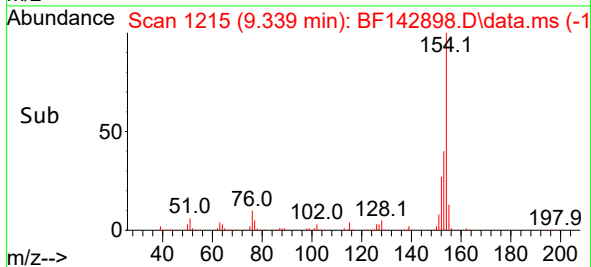
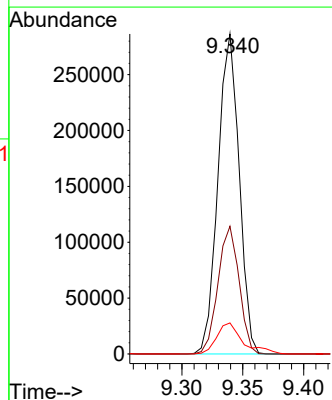
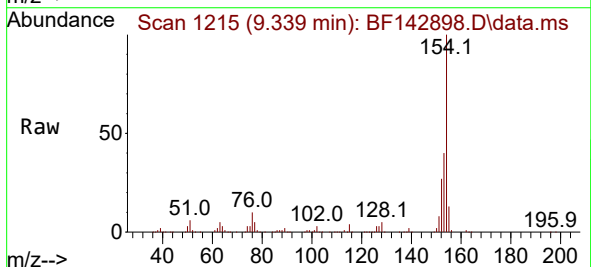
Instrument :
BNA_F
ClientSampleId :
WC-1MS

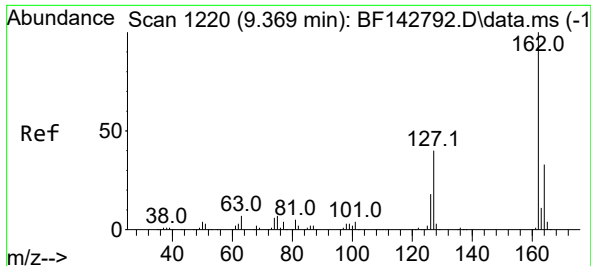
Tgt Ion:172 Resp: 596459
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.067 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:154 Resp: 347102
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 9.7 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.934 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

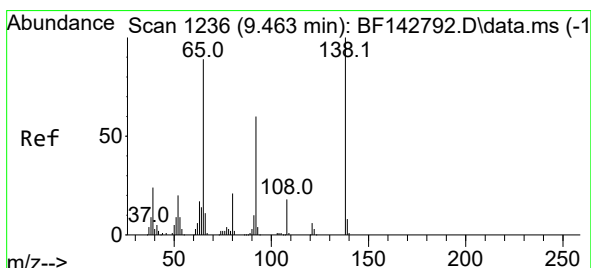
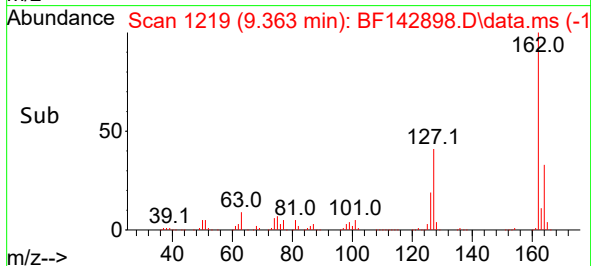
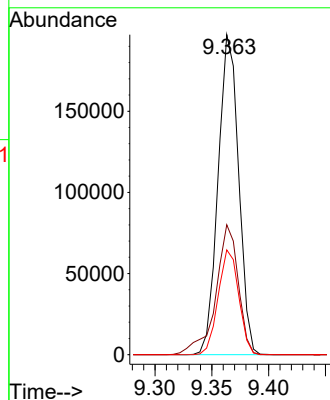
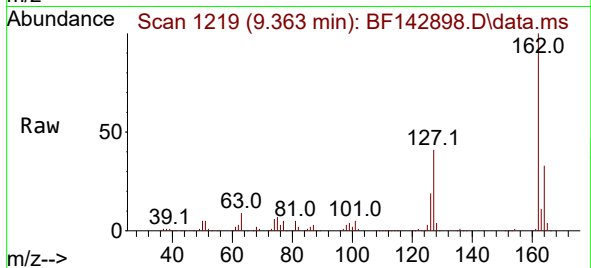
Tgt Ion:162 Resp: 248149

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 43.857 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

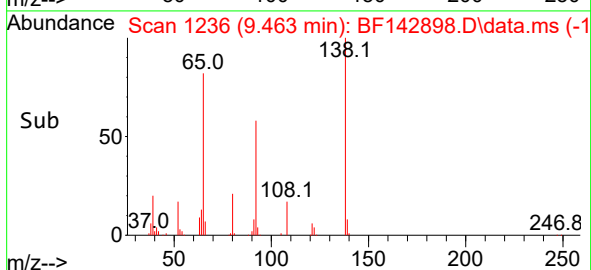
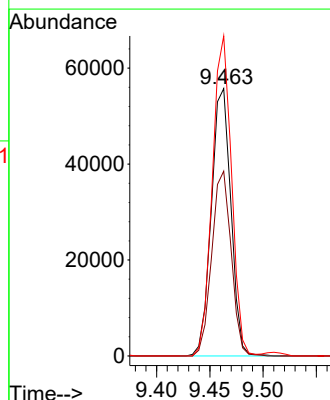
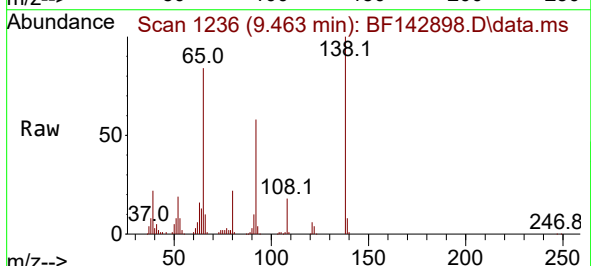
Tgt Ion: 65 Resp: 71066

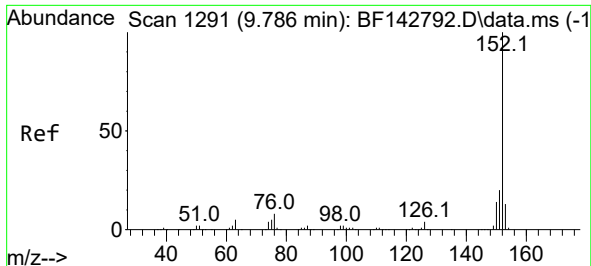
Ion Ratio Lower Upper

65 100

92 69.1 53.8 80.6

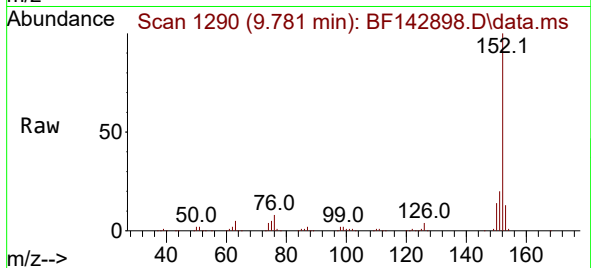
138 119.7 89.6 134.4



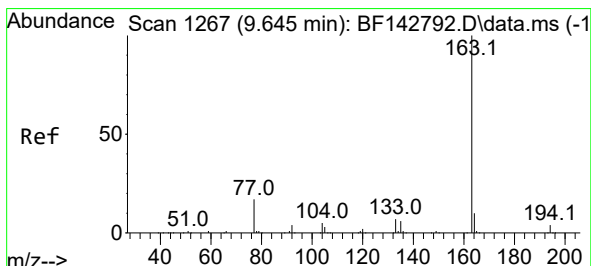
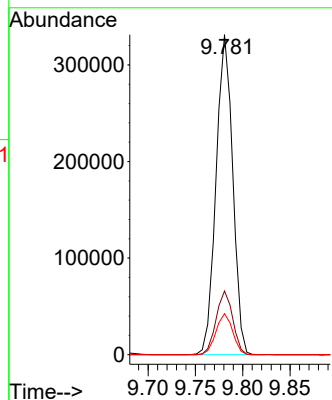
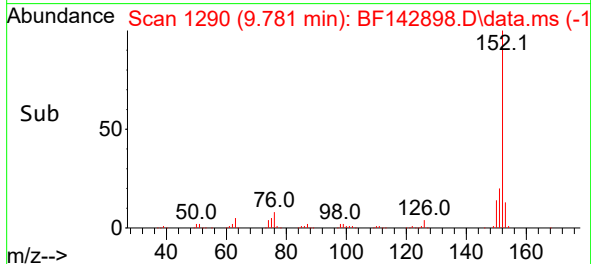


#49
Acenaphthylene
Concen: 42.745 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

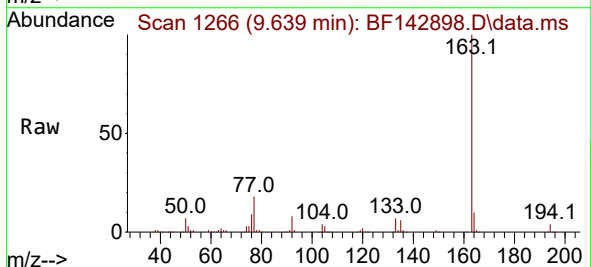
Instrument :
BNA_F
ClientSampleId :
WC-1MS



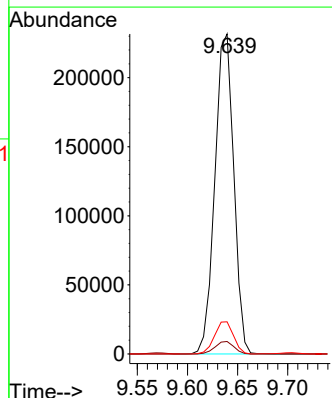
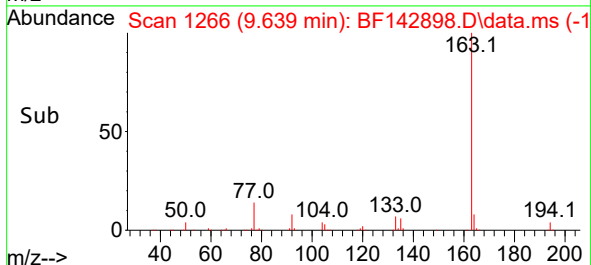
Tgt Ion:152 Resp: 406710
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.8 10.4 15.6

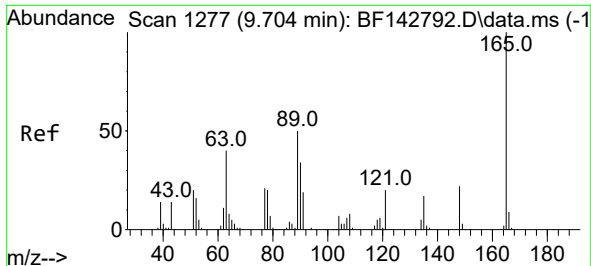


#50
Dimethylphthalate
Concen: 48.032 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41



Tgt Ion:163 Resp: 303141
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.0 12.0

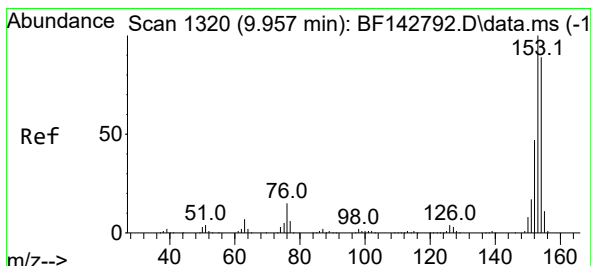
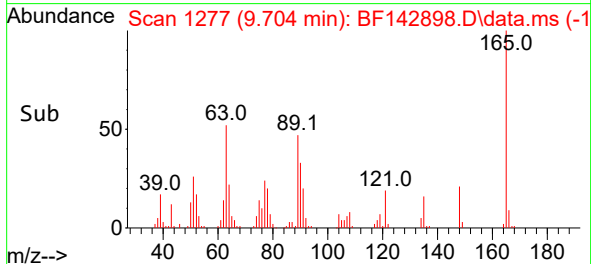
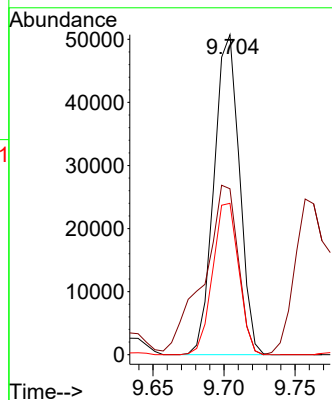
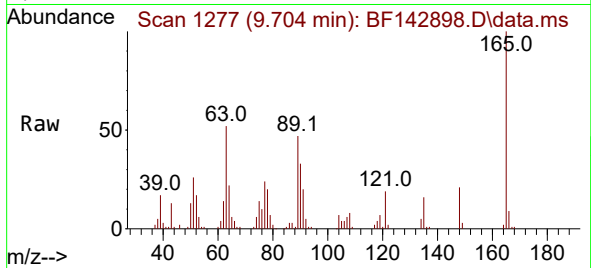




#51
2,6-Dinitrotoluene
Concen: 45.588 ng
RT: 9.704 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

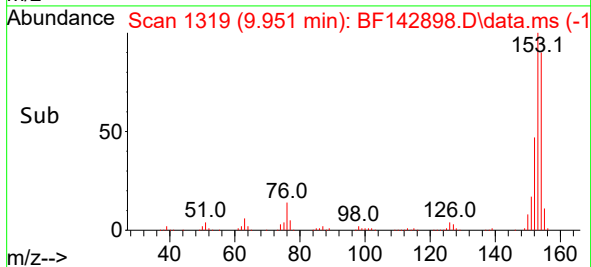
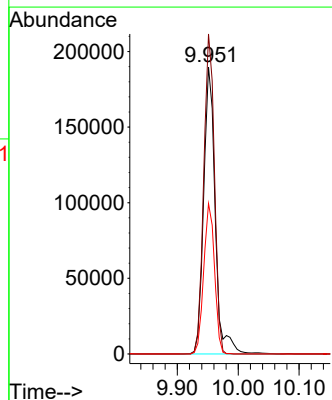
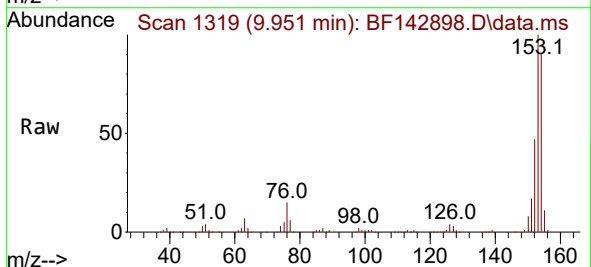
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 63185
Ion Ratio Lower Upper
165 100
63 51.9 44.2 66.4
89 47.3 39.8 59.8



#52
Acenaphthene
Concen: 43.040 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:154 Resp: 249852
Ion Ratio Lower Upper
154 100
153 111.5 90.0 135.0
152 52.4 41.9 62.9

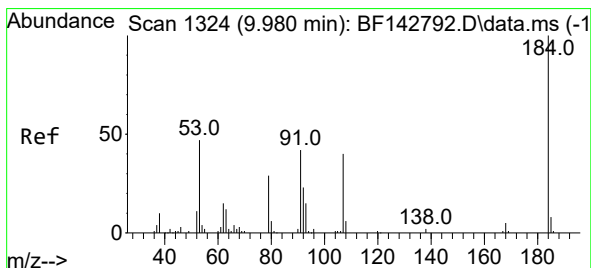
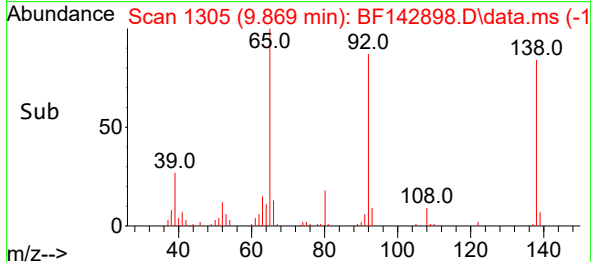
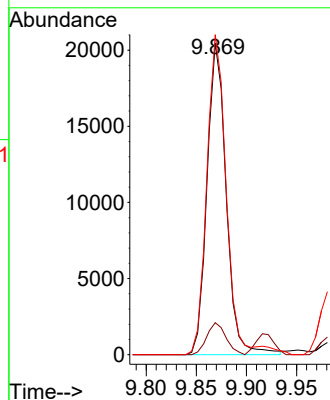
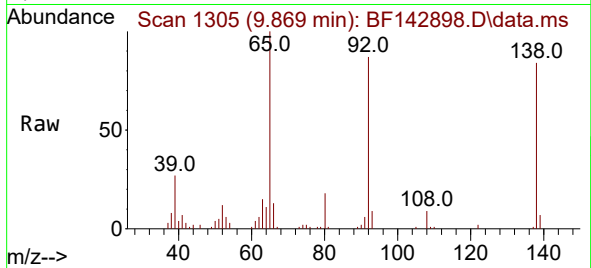




#53
3-Nitroaniline
Concen: 17.807 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

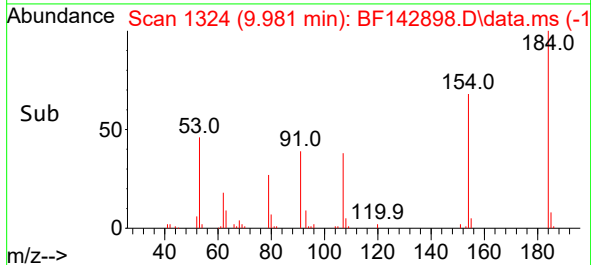
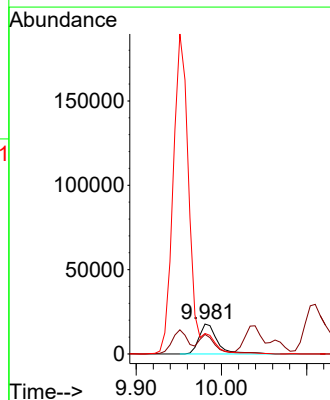
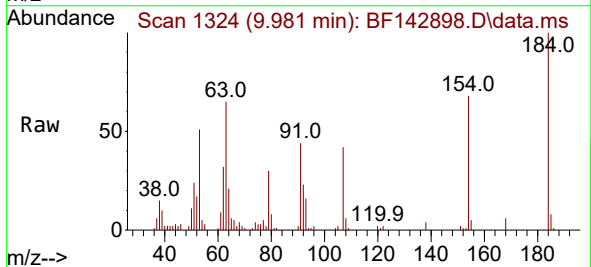
Instrument :
BNA_F
ClientSampleId :
WC-1MS

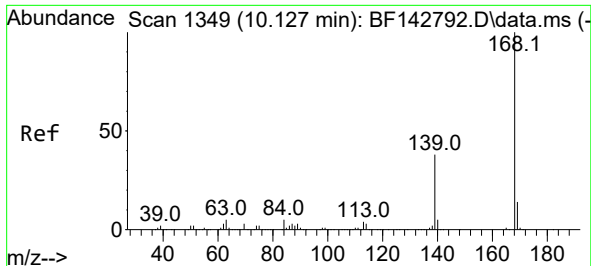
Tgt Ion:138 Resp: 27174
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 102.8 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 38.198 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:184 Resp: 26509
Ion Ratio Lower Upper
184 100
63 65.3 50.6 75.8
154 68.2 51.8 77.8

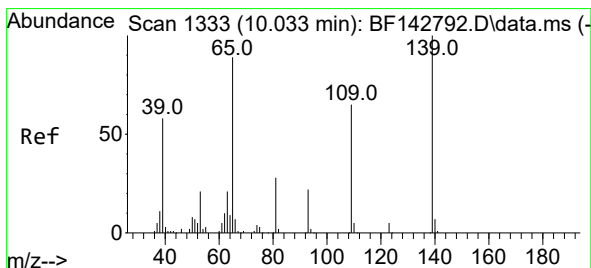
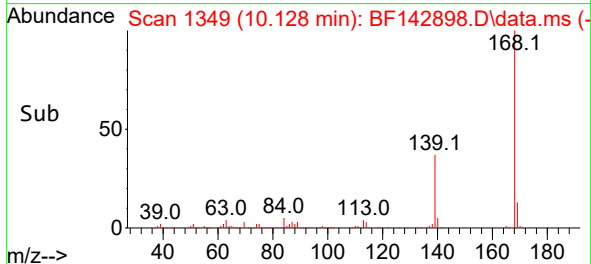
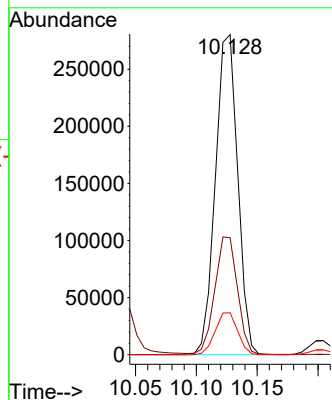
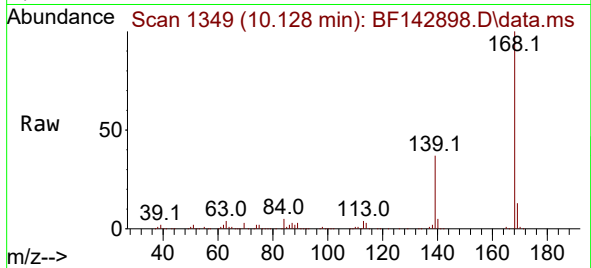




#55
Dibenzenofuran
Concen: 42.944 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

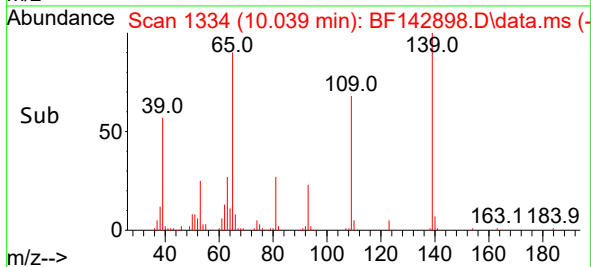
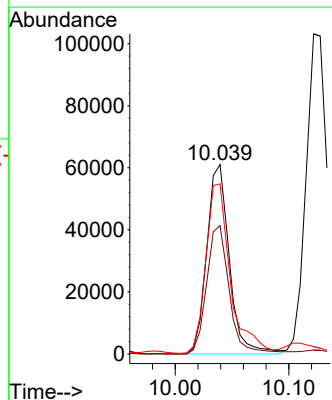
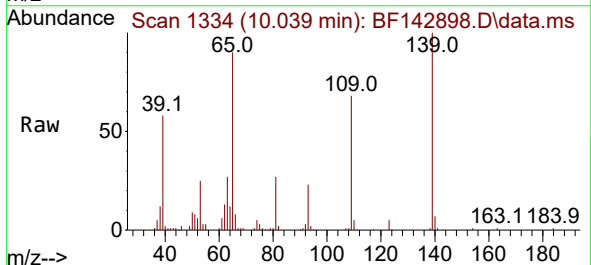
Instrument :
BNA_F
ClientSampleId :
WC-1MS

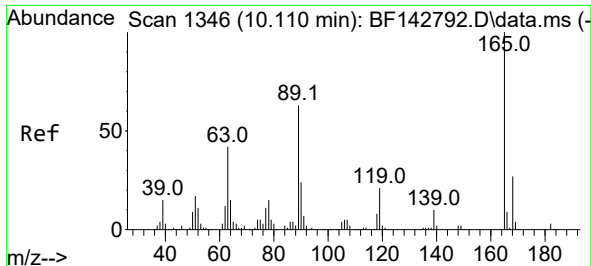
Tgt Ion:168 Resp: 357481
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 80.532 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:139 Resp: 84132
Ion Ratio Lower Upper
139 100
109 67.8 44.7 84.7
65 89.8 69.8 109.8

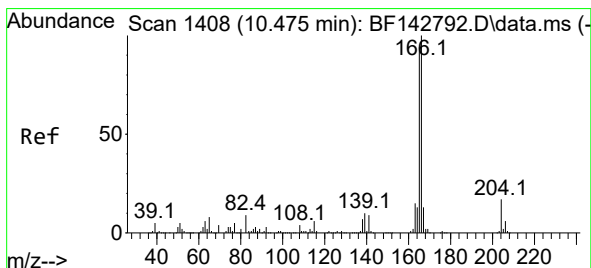
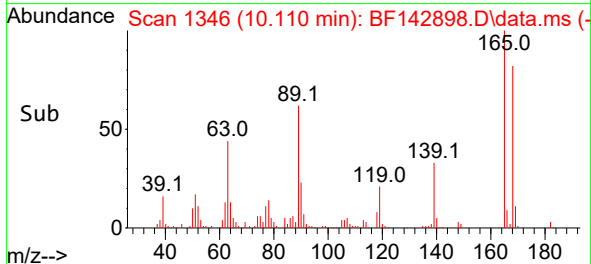
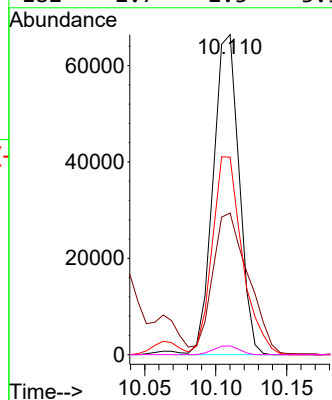
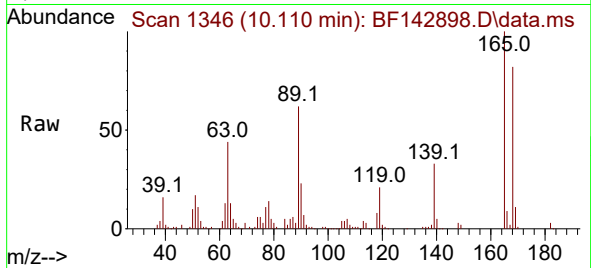




#57
2,4-Dinitrotoluene
Concen: 45.685 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

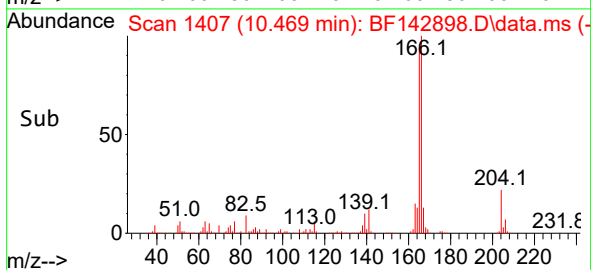
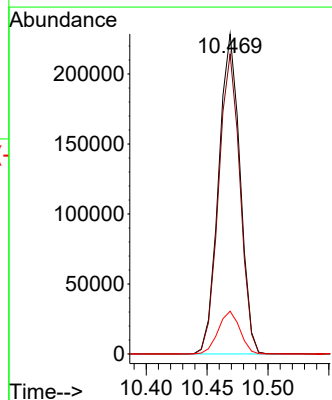
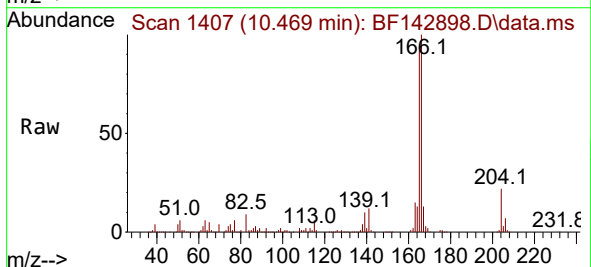
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 84107
Ion Ratio Lower Upper
165 100
63 44.2 33.9 50.9
89 61.7 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 42.934 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:166 Resp: 279124
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.4 10.6 15.8

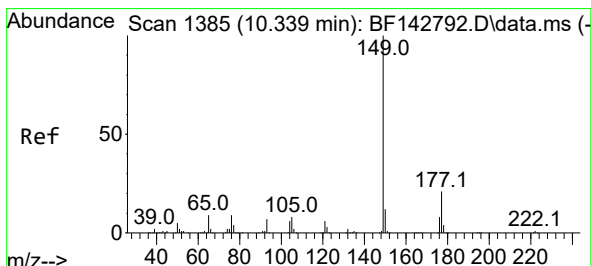
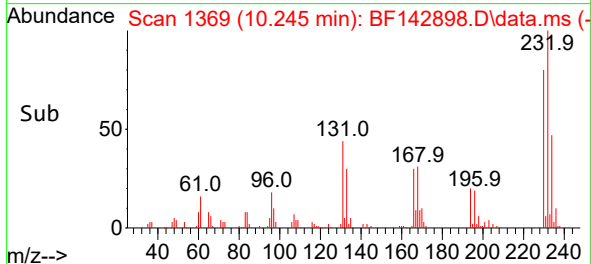
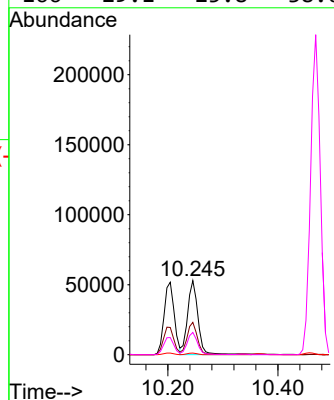
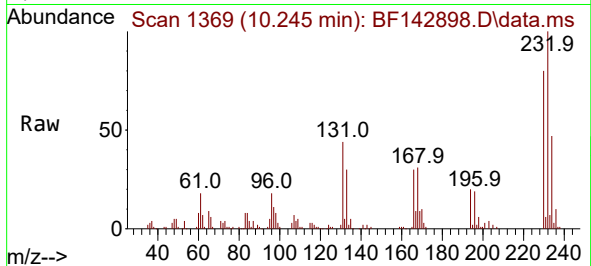




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.400 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

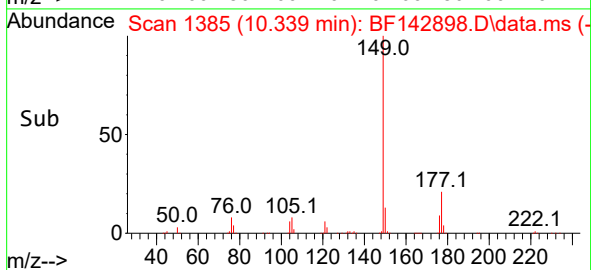
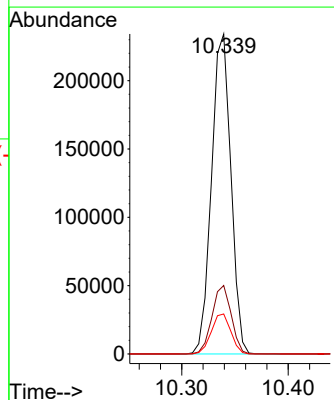
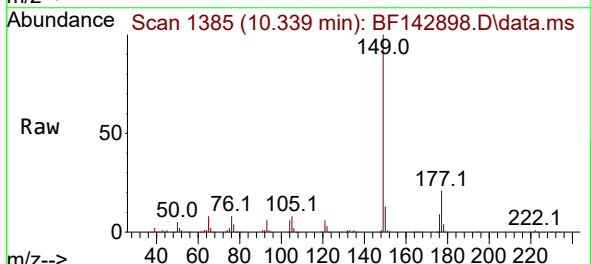
Instrument :
BNA_F
ClientSampleId :
WC-1MS

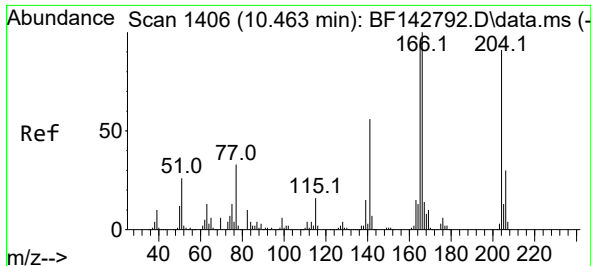
Tgt Ion:232 Resp: 69036
Ion Ratio Lower Upper
232 100
131 42.5 37.6 56.4
130 2.1 1.7 2.5
166 29.1 25.8 38.6



#60
Diethylphthalate
Concen: 47.847 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:149 Resp: 296081
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.5 9.8 14.6

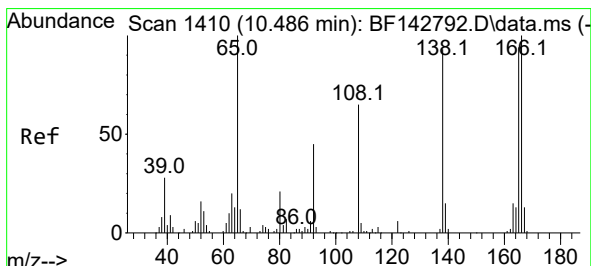
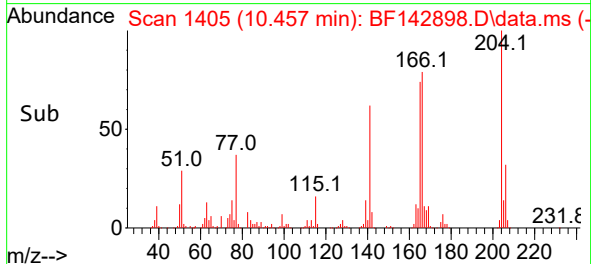
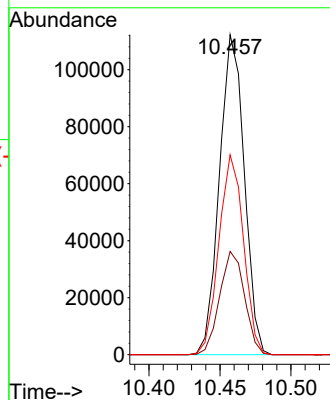
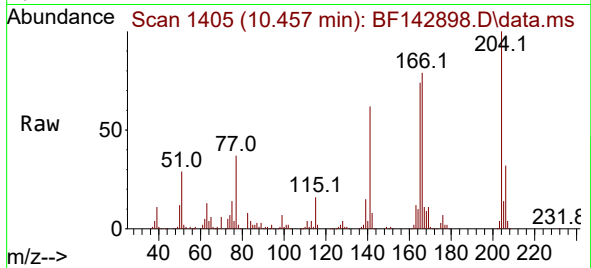




#61
4-Chlorophenyl-phenylether
Concen: 44.016 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

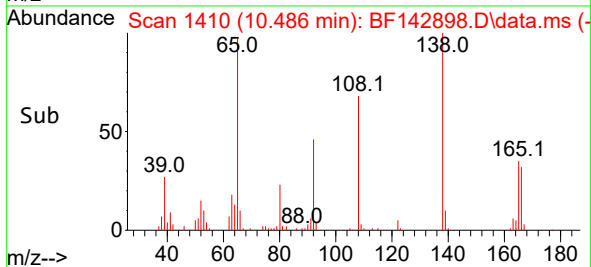
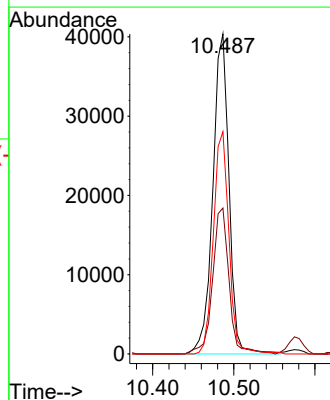
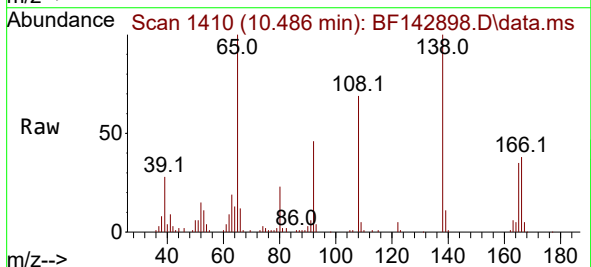
Instrument :
BNA_F
ClientSampleId :
WC-1MS

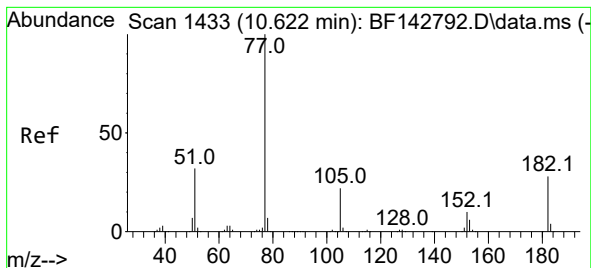
Tgt Ion:204 Resp: 136552
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.4 49.1 73.7



#62
4-Nitroaniline
Concen: 40.084 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:138 Resp: 55943
Ion Ratio Lower Upper
138 100
92 45.6 28.4 68.4
108 69.4 50.2 90.2





#63

Azobenzene

Concen: 42.443 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 234736

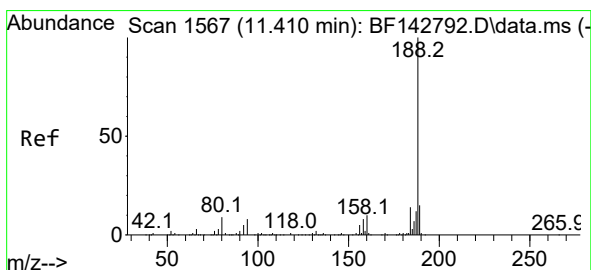
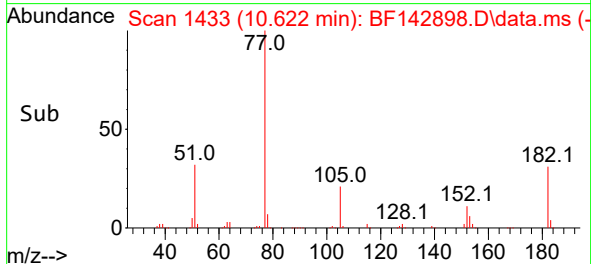
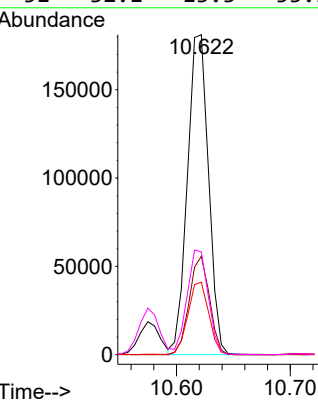
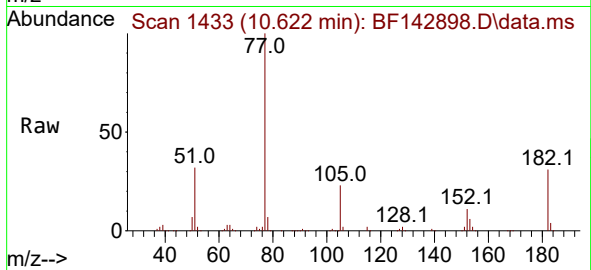
Ion Ratio Lower Upper

77 100

182 30.8 7.7 47.7

105 22.7 1.9 41.9

51 32.1 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

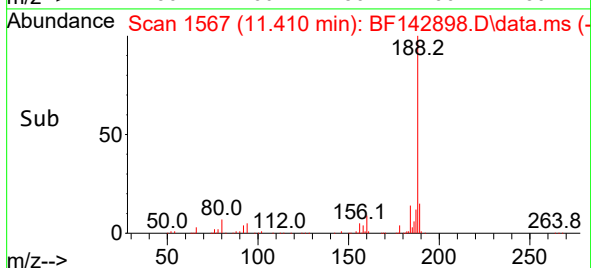
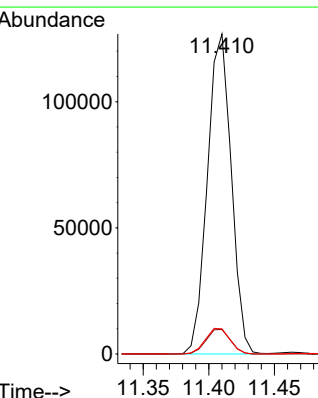
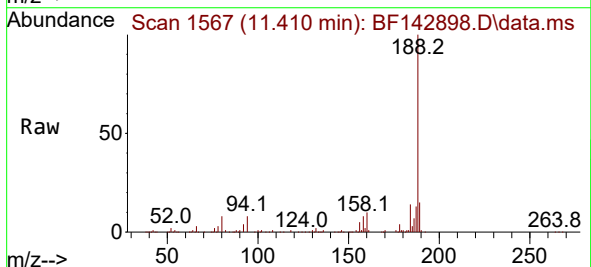
Tgt Ion:188 Resp: 160606

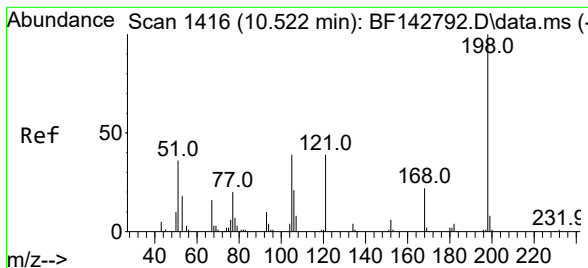
Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 7.8 6.9 10.3

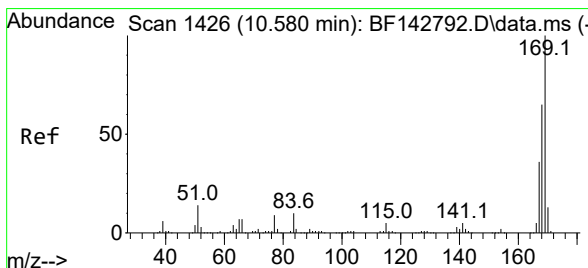
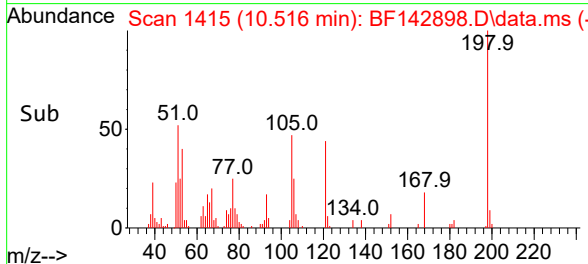
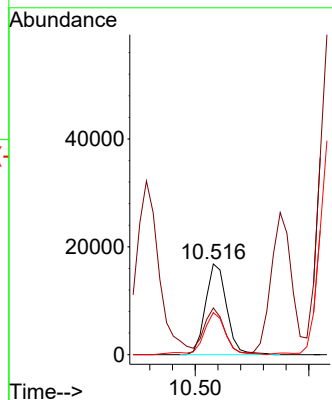
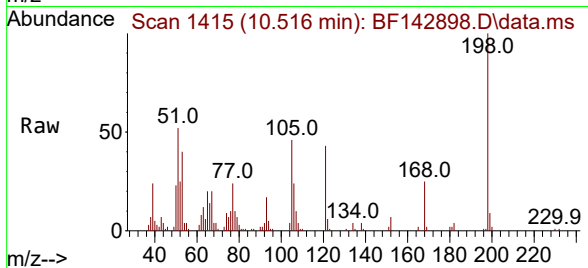




#65
4,6-Dinitro-2-methylphenol
Concen: 22.299 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

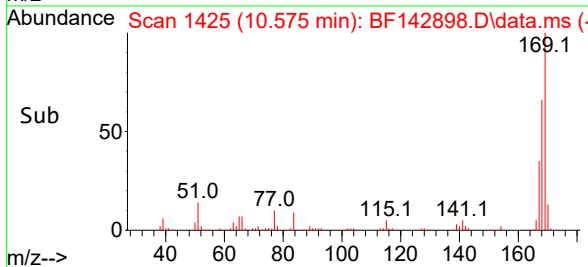
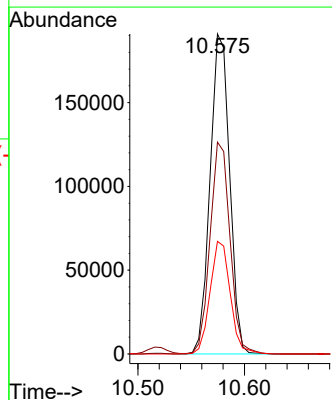
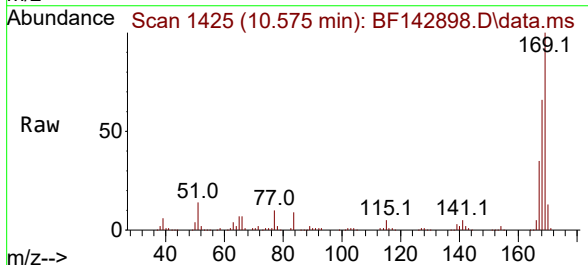
Instrument :
BNA_F
ClientSampleId :
WC-1MS

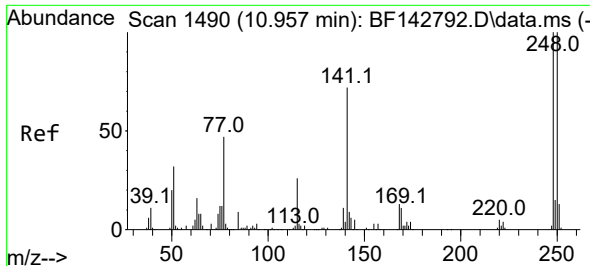
Tgt Ion:198 Resp: 21662
Ion Ratio Lower Upper
198 100
51 51.5 25.4 65.4
105 46.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.625 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:169 Resp: 242824
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 35.2 28.5 42.7

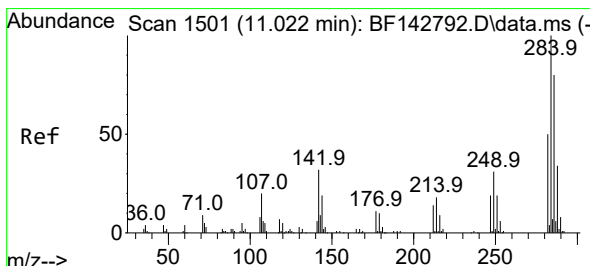
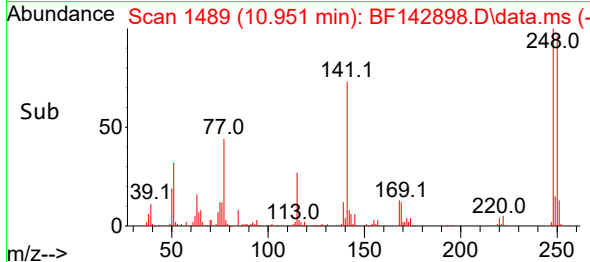
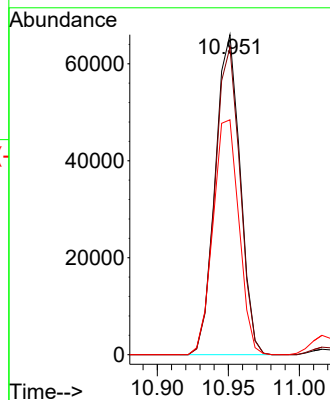
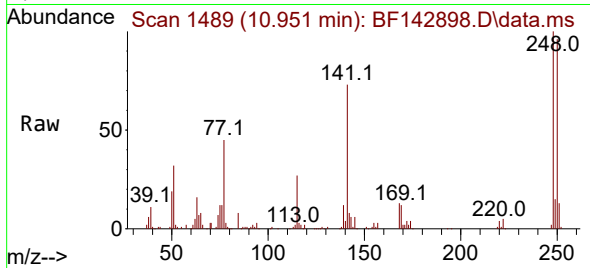




#67
4-Bromophenyl-phenylether
Concen: 44.078 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

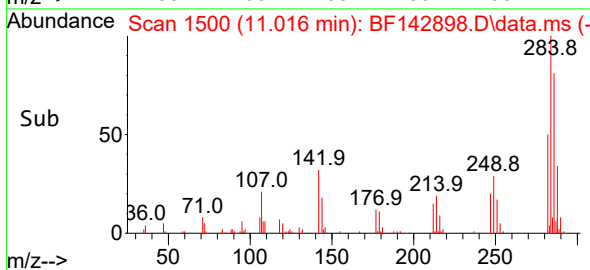
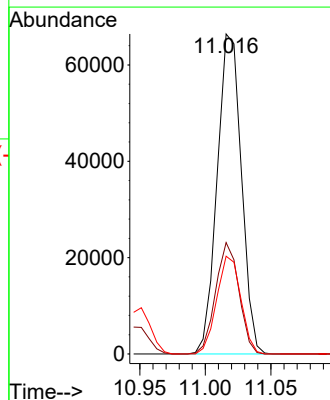
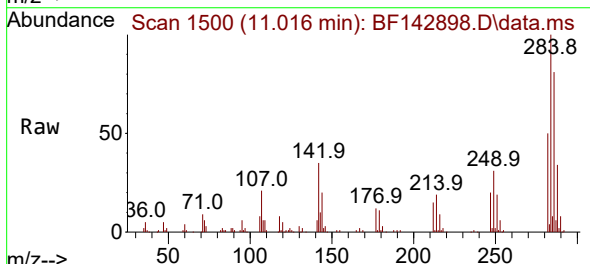
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:248 Resp: 80567
Ion Ratio Lower Upper
248 100
250 96.0 79.8 119.8
141 73.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.936 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:284 Resp: 85173
Ion Ratio Lower Upper
284 100
142 34.8 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 53.876 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

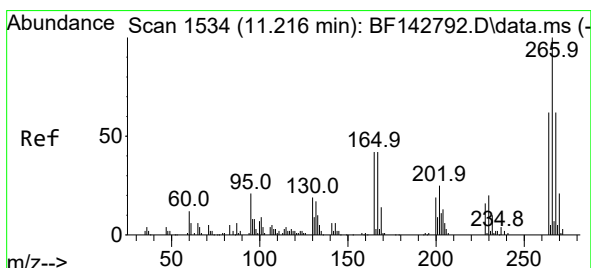
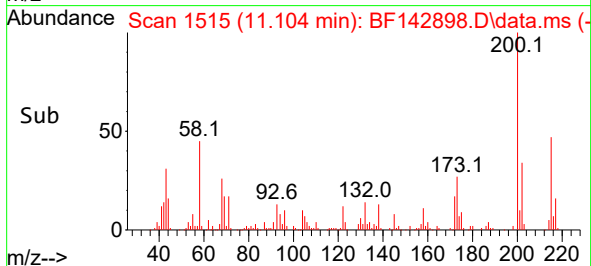
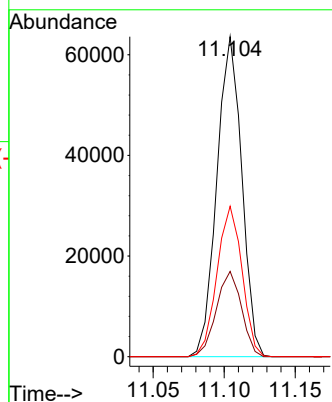
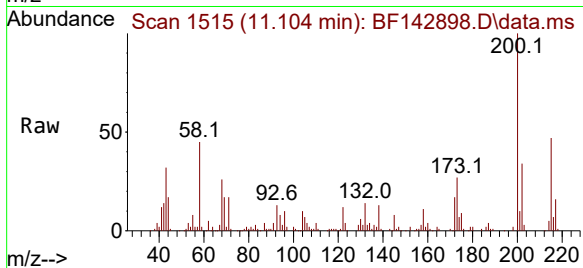
Tgt Ion:200 Resp: 77440

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 47.0 28.4 68.4



#70

Pentachlorophenol

Concen: 88.321 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

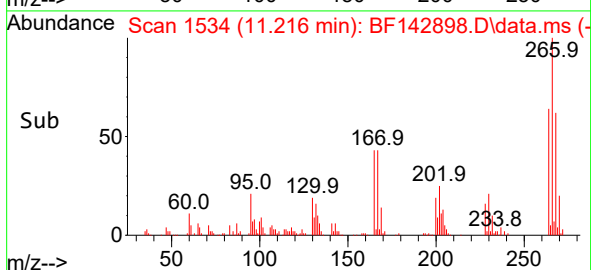
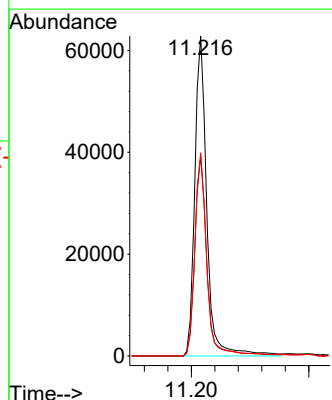
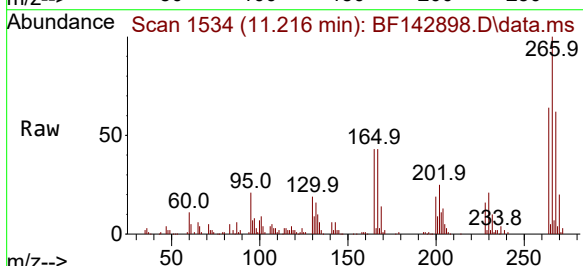
Tgt Ion:266 Resp: 89387

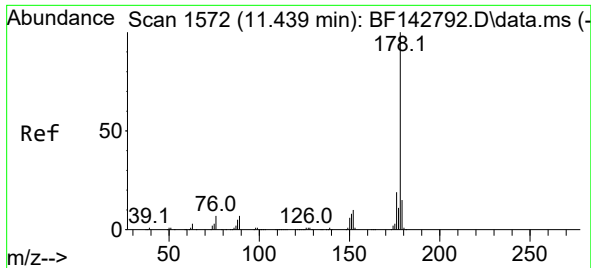
Ion Ratio Lower Upper

266 100

268 62.4 49.8 74.8

264 63.5 49.9 74.9

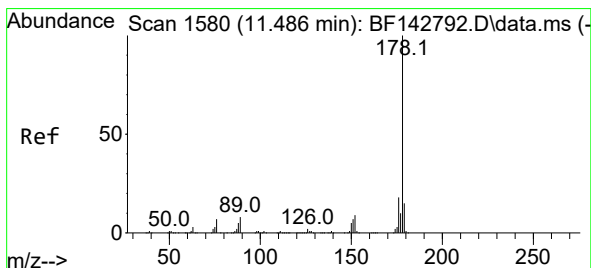
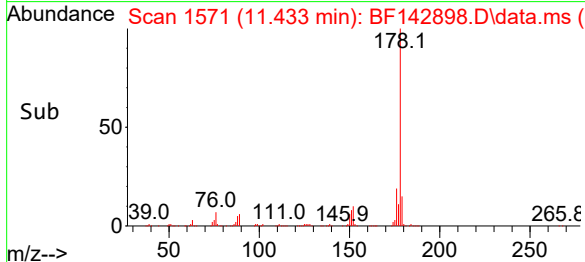
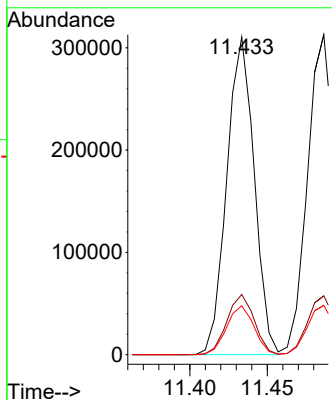
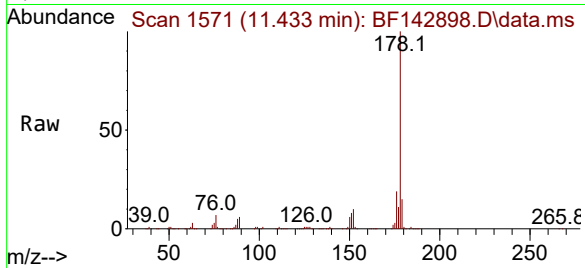




#71
Phenanthrene
Concen: 43.892 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

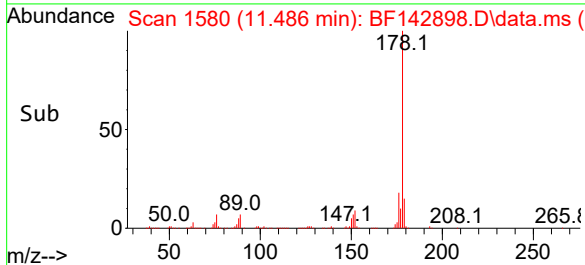
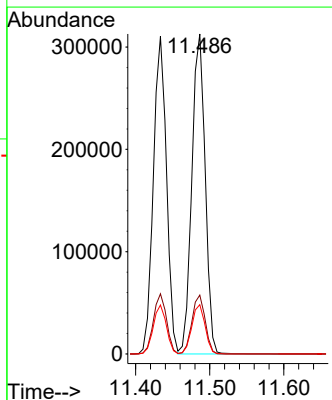
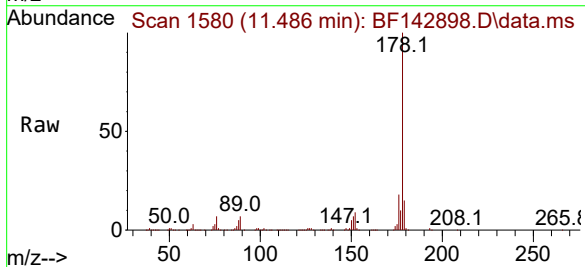
Instrument :
BNA_F
ClientSampleId :
WC-1MS

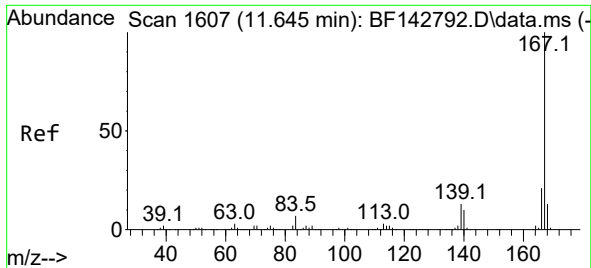
Tgt Ion:178 Resp: 381857
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 43.765 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:178 Resp: 390497
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.4 12.4 18.6

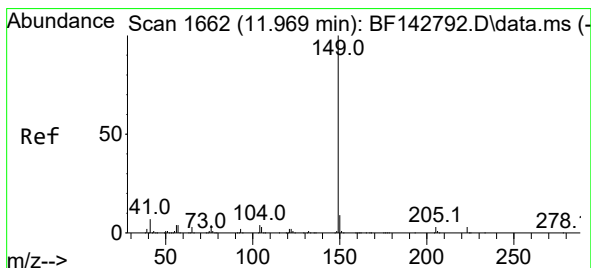
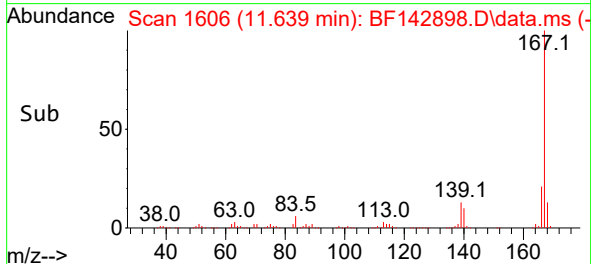
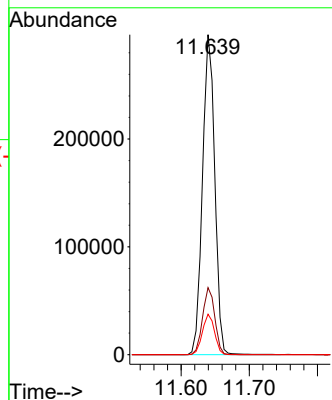
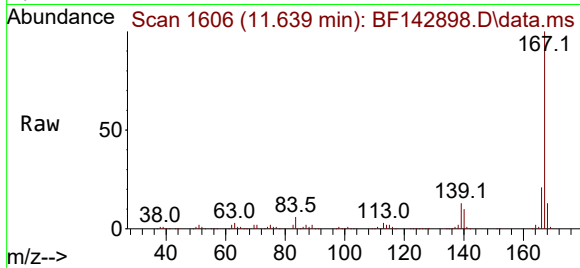




#73
 Carbazole
 Concen: 48.284 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

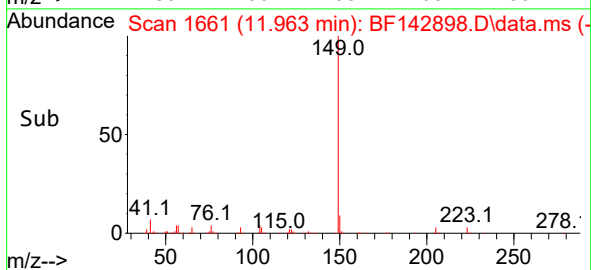
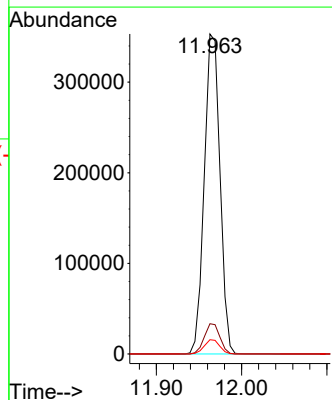
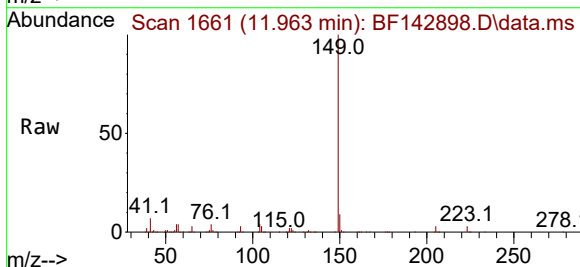
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

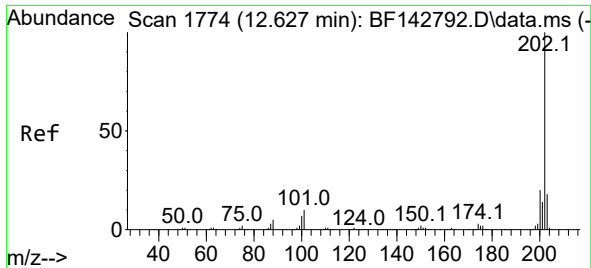
Tgt Ion:167 Resp: 371783
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 56.386 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

Tgt Ion:149 Resp: 452291
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.4 3.5 5.3

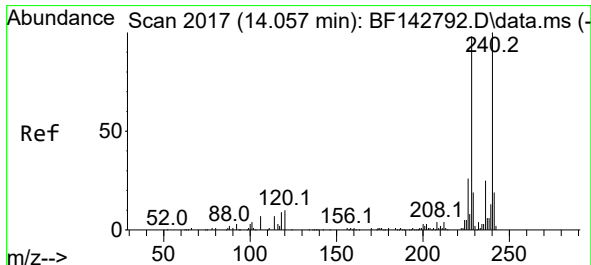
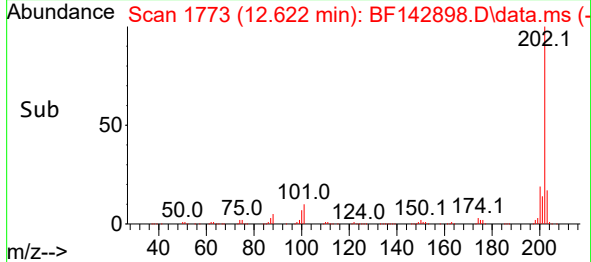
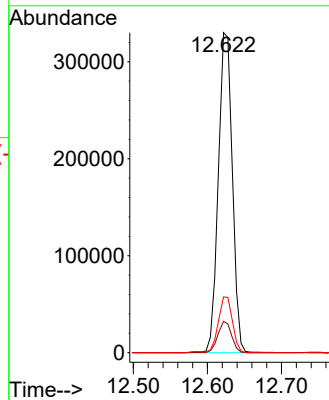
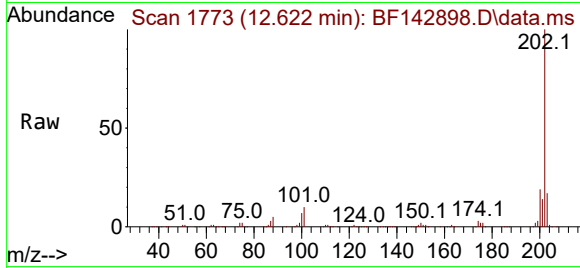




#75
Fluoranthene
Concen: 52.614 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

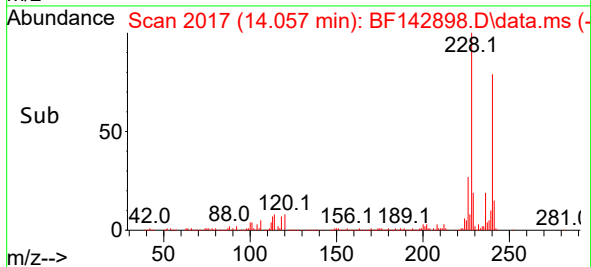
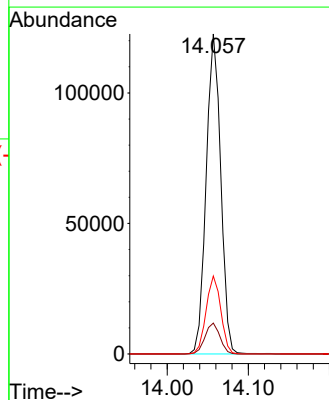
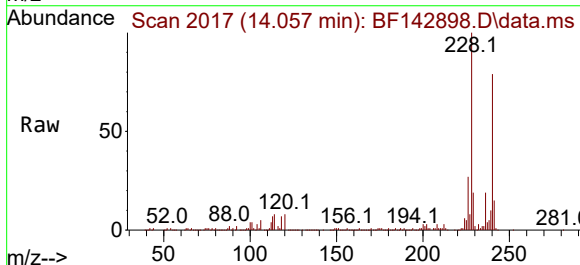
Instrument :
BNA_F
ClientSampleId :
WC-1MS

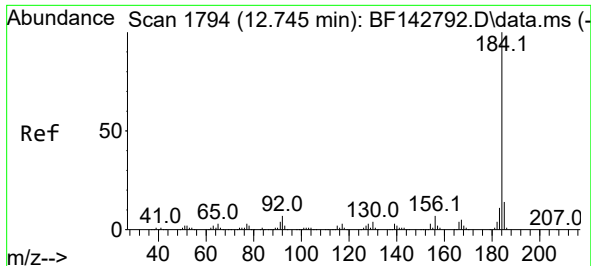
Tgt Ion:202 Resp: 434421
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:240 Resp: 152081
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.3 19.8 29.8

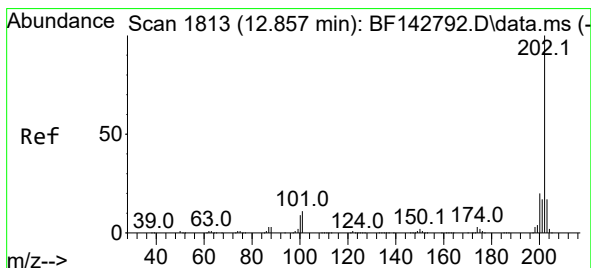
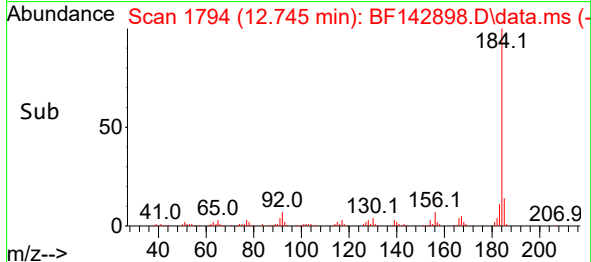
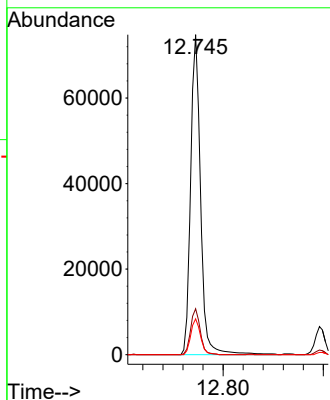
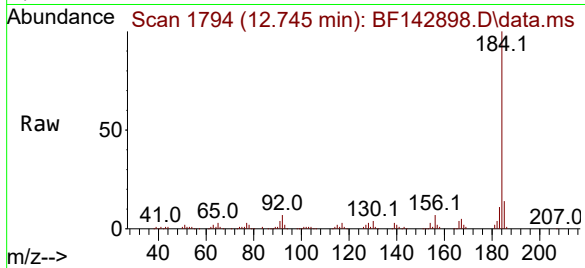




#77
Benzidine
Concen: 18.010 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

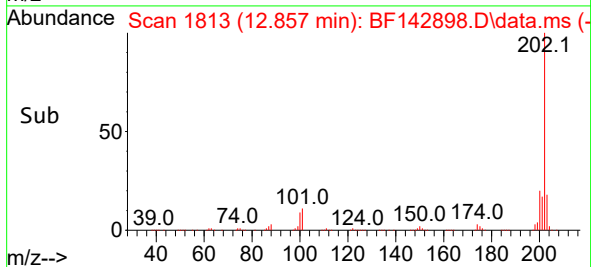
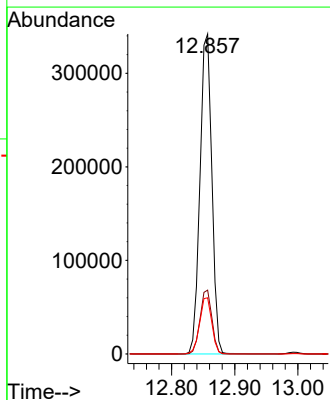
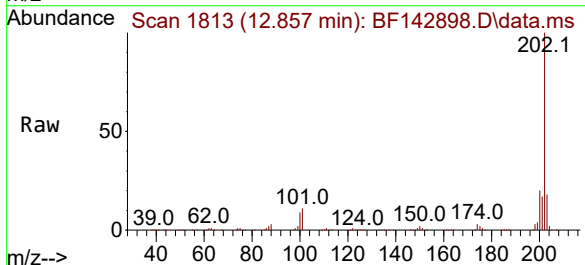
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:184 Resp: 102906
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.2 9.0 13.4



#78
Pyrene
Concen: 31.455 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:202 Resp: 448401
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.5 13.8 20.6

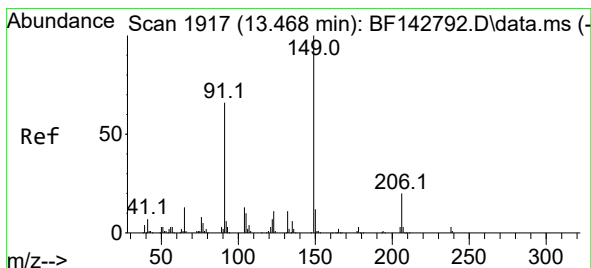
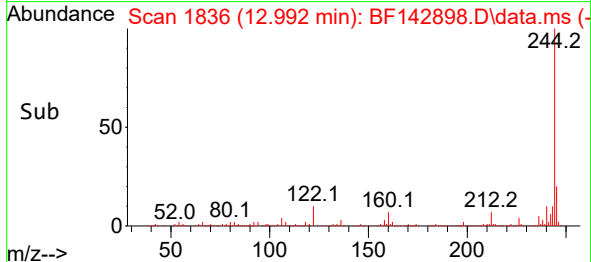
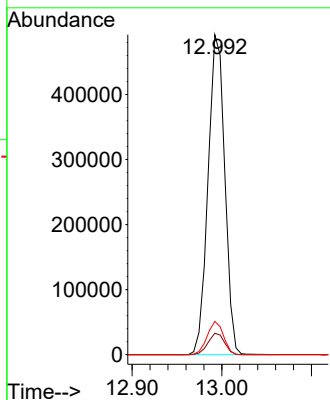
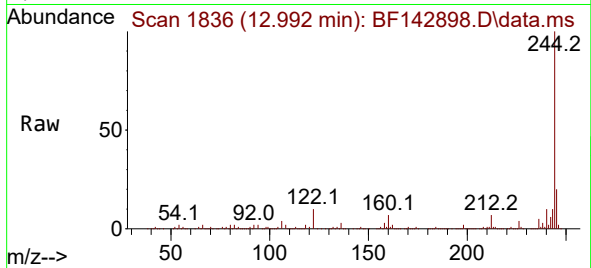




#79
 Terphenyl-d14
 Concen: 57.912 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

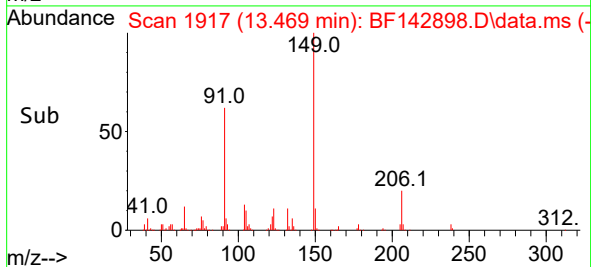
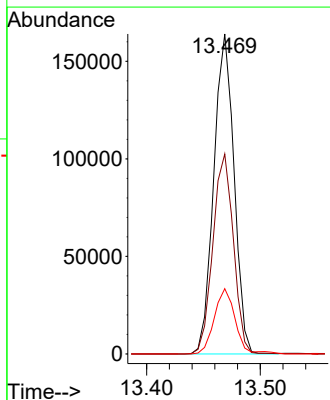
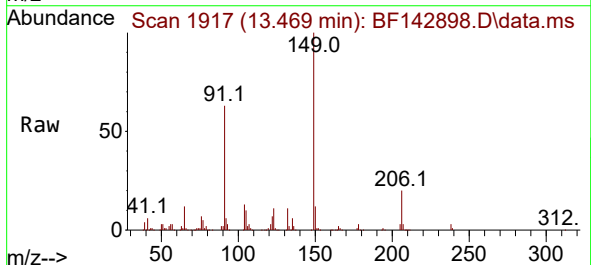
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

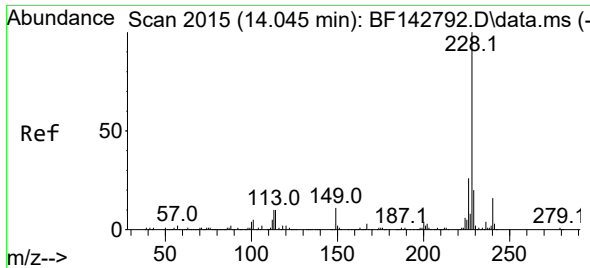
Tgt Ion:244 Resp: 637428
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.261 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142898.D
 Acq: 27 Jun 2025 17:41

Tgt Ion:149 Resp: 203697
 Ion Ratio Lower Upper
 149 100
 91 62.5 52.9 79.3
 206 20.4 16.3 24.5

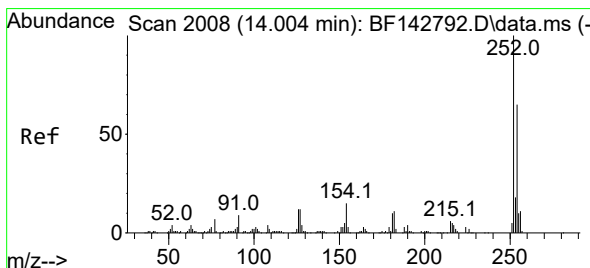
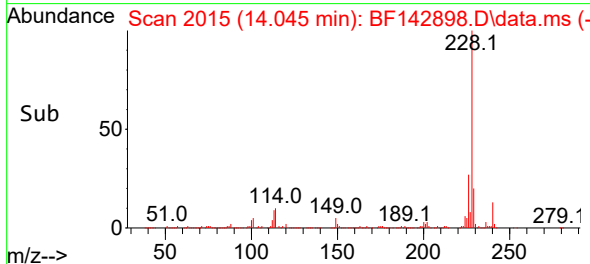
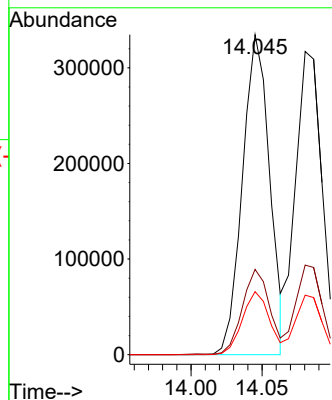
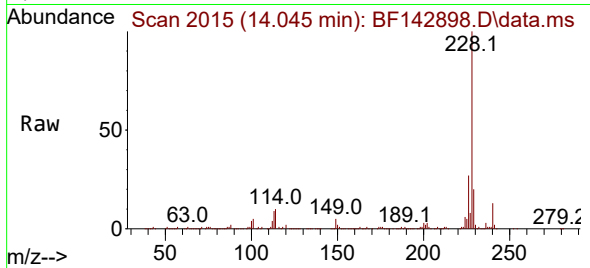




#81
Benzo(a)anthracene
Concen: 43.474 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

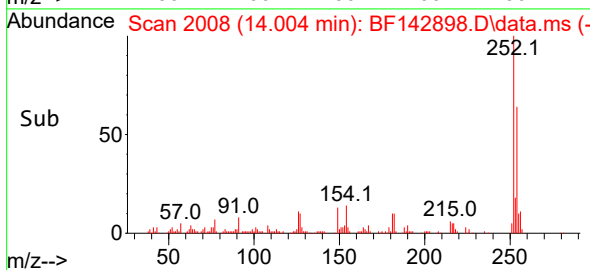
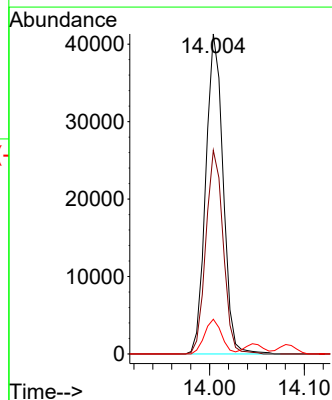
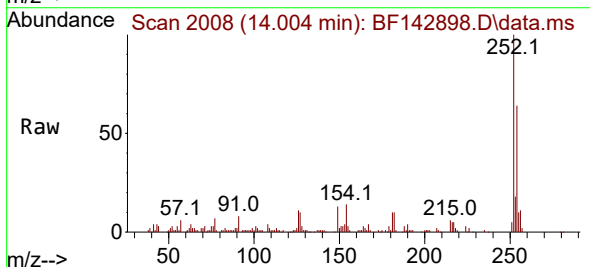
Instrument :
BNA_F
ClientSampleId :
WC-1MS

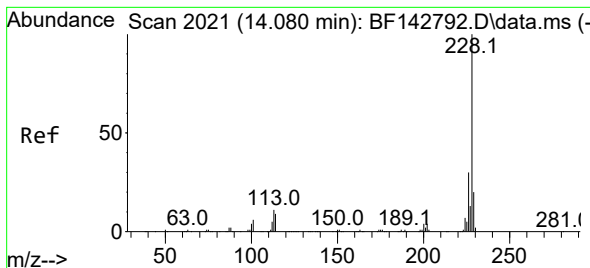
Tgt Ion:228 Resp: 446018
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 15.792 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:252 Resp: 52551
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 10.8 9.4 14.2





#83

Chrysene

Concen: 44.805 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

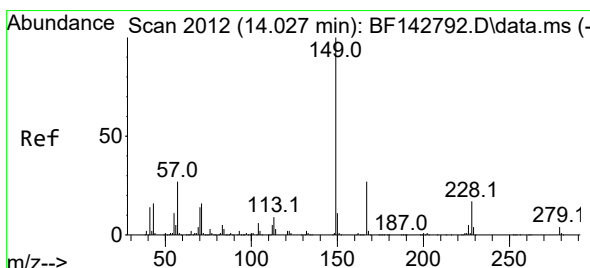
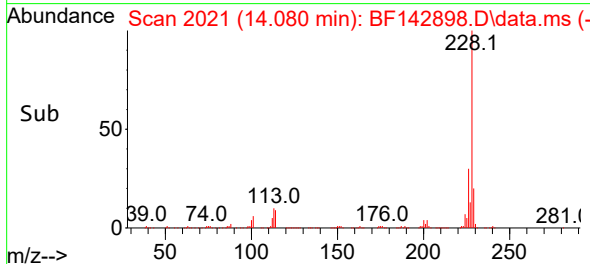
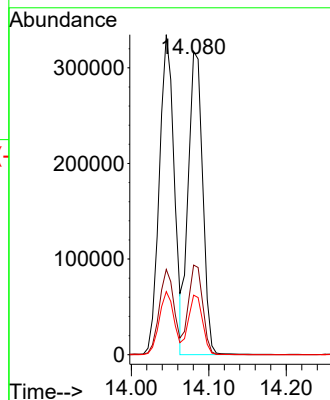
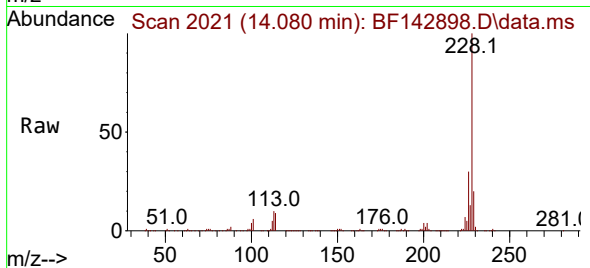
Tgt Ion:228 Resp: 410180

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.704 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

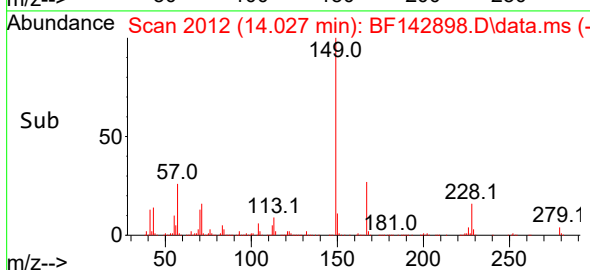
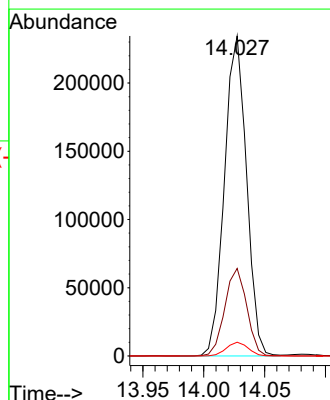
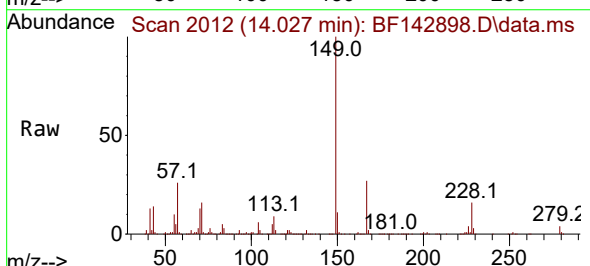
Tgt Ion:149 Resp: 295709

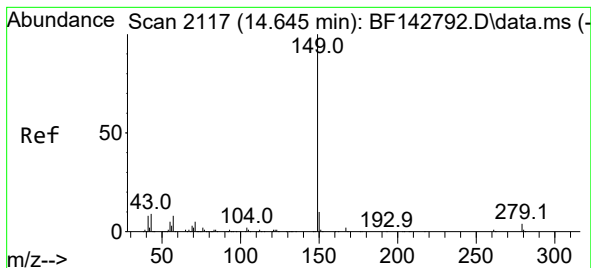
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.950 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

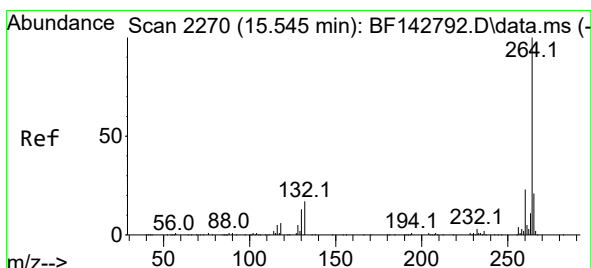
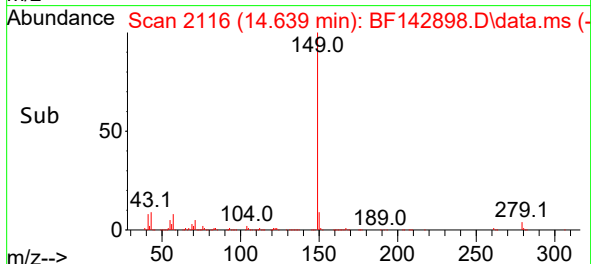
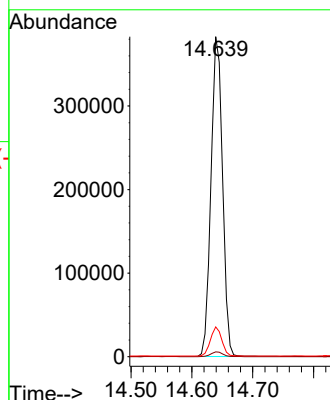
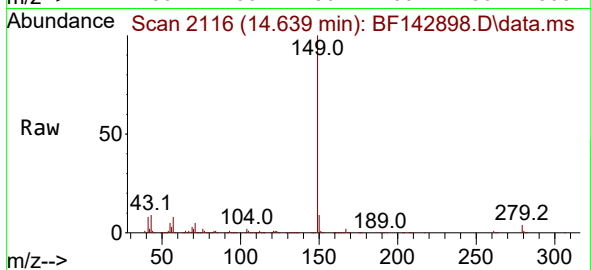
Tgt Ion:149 Resp: 504264

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

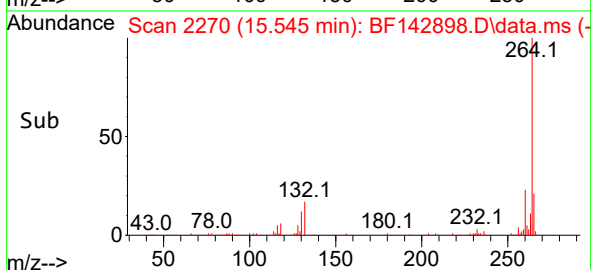
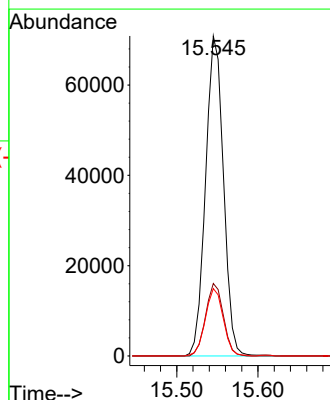
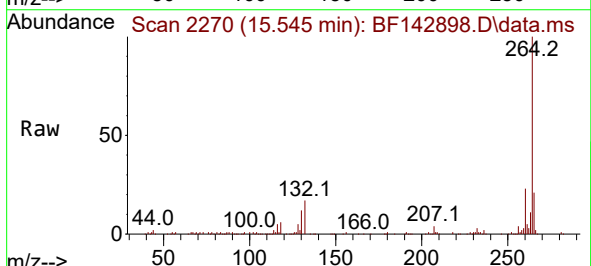
Tgt Ion:264 Resp: 108406

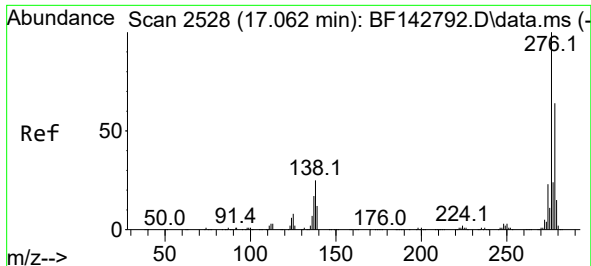
Ion Ratio Lower Upper

264 100

260 22.6 18.1 27.1

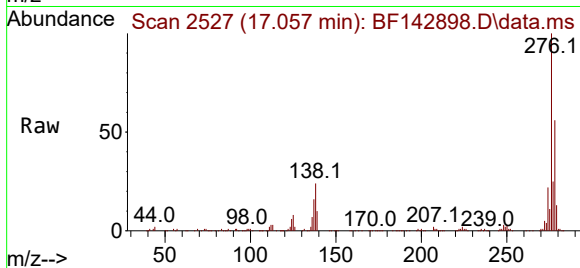
265 21.0 16.6 25.0



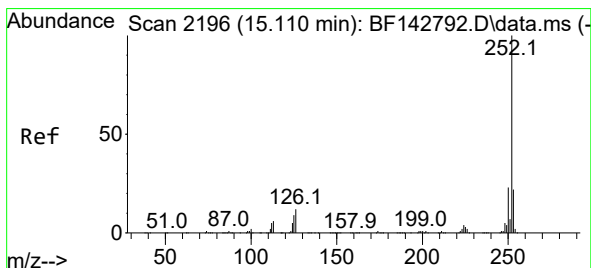
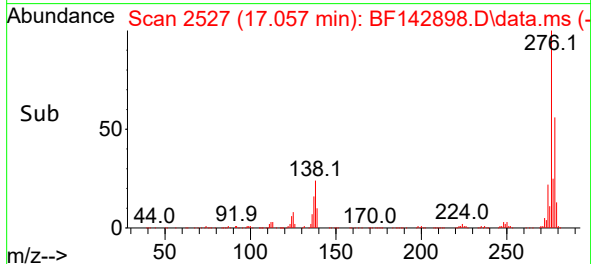
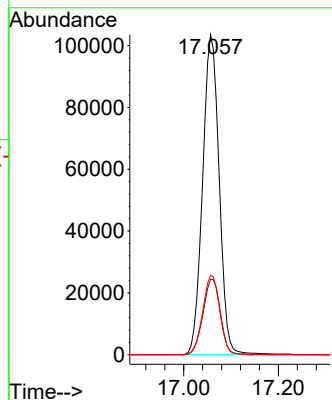


#87
Indeno(1,2,3-cd)pyrene
Concen: 30.456 ng
RT: 17.057 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Instrument :
BNA_F
ClientSampleId :
WC-1MS

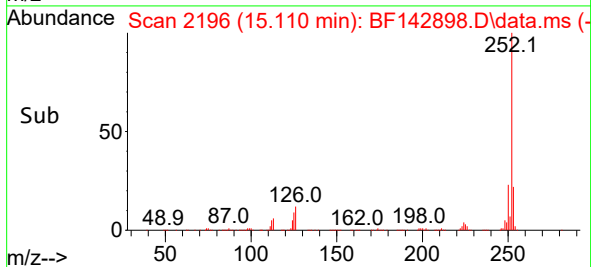
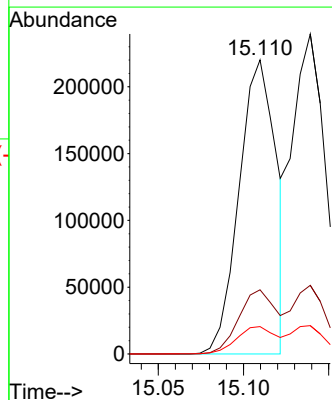
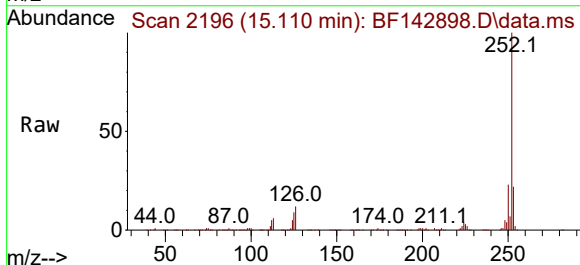


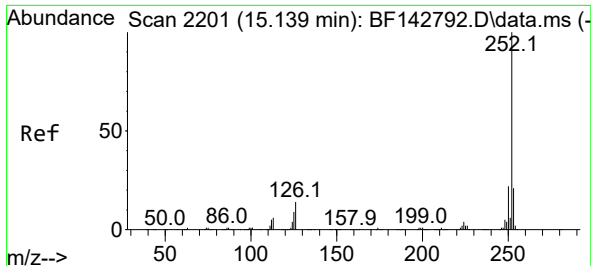
Tgt Ion:276 Resp: 251480
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 53.210 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:252 Resp: 333778
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 55.320 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

Instrument :

BNA_F

ClientSampleId :

WC-1MS

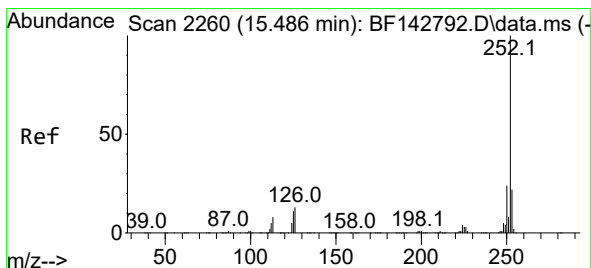
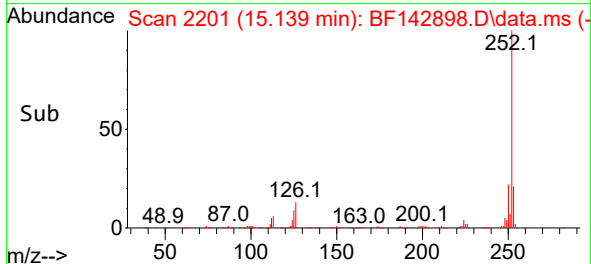
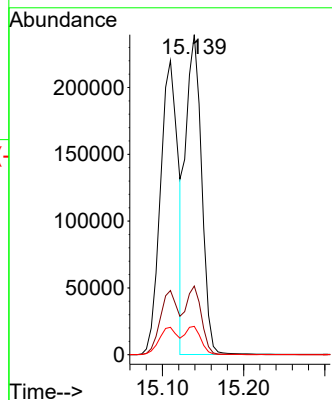
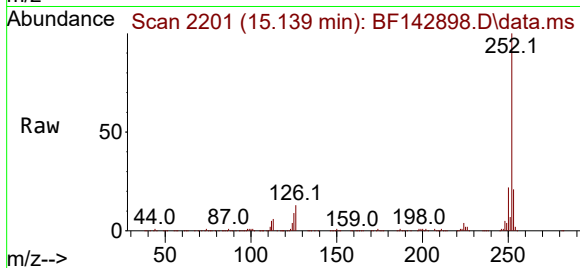
Tgt Ion:252 Resp: 324656

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.479 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142898.D

Acq: 27 Jun 2025 17:41

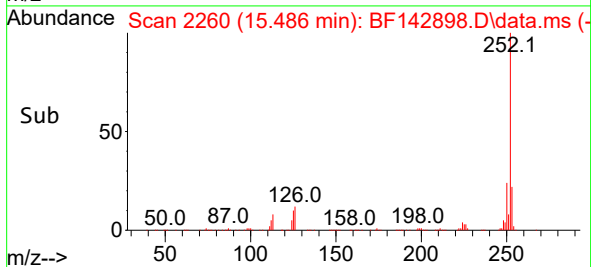
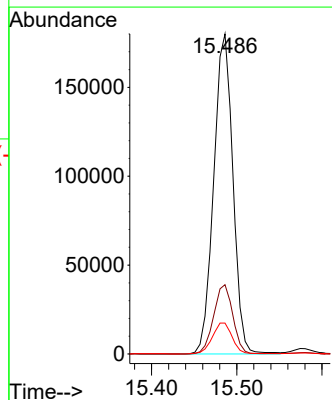
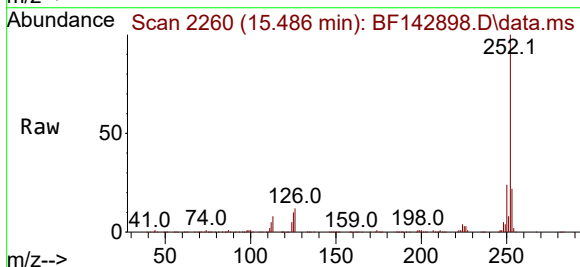
Tgt Ion:252 Resp: 281662

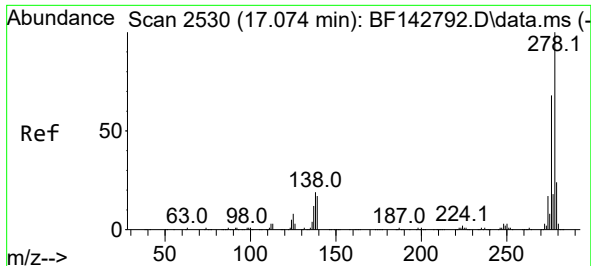
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

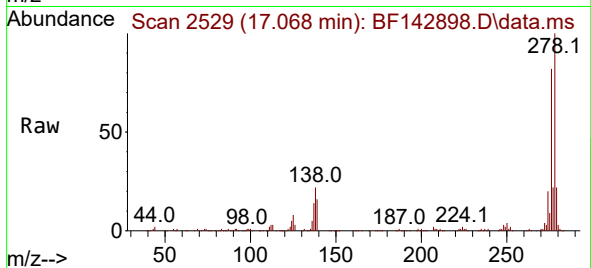
125 9.6 8.6 12.8



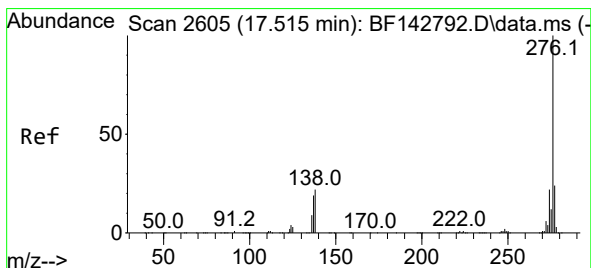
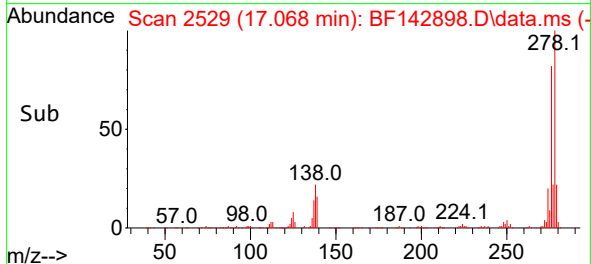
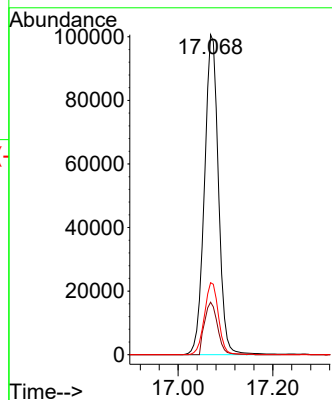


#91
Dibenzo(a,h)anthracene
Concen: 30.722 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:278 Resp: 206114
Ion Ratio Lower Upper
278 100
139 16.4 13.5 20.3
279 22.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 29.581 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142898.D
Acq: 27 Jun 2025 17:41

Tgt Ion:276 Resp: 197897
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.0 17.6 26.4

