

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142970.D
 Acq On : 02 Jul 2025 14:47
 Operator : RC/JU
 Sample : Q2458-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67MS

Quant Time: Jul 02 15:18:18 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	54262	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	204360	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	107674	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	180519	20.000	ng	0.00
76) Chrysene-d12	14.051	240	104217	20.000	ng	0.00
86) Perylene-d12	15.545	264	110887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	258644	79.360	ng	0.00
7) Phenol-d6	6.504	99	311719	81.068	ng	0.00
23) Nitrobenzene-d5	7.440	82	189163	50.772	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	98863	89.223	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	418632	51.075	ng	-0.01
79) Terphenyl-d14	12.992	244	377340	50.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	50058	38.401	ng	99
3) Pyridine	3.416	79	133722	40.918	ng	99
4) n-Nitrosodimethylamine	3.369	42	74305	43.969	ng	100
6) Aniline	6.534	93	157245	30.734	ng	# 85
8) 2-Chlorophenol	6.657	128	165164	46.979	ng	97
9) Benzaldehyde	6.422	77	66411	29.112	ng	99
10) Phenol	6.522	94	195825	45.816	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	142030	46.494	ng	99
12) 1,3-Dichlorobenzene	6.816	146	179443	45.638	ng	99
13) 1,4-Dichlorobenzene	6.893	146	182383	45.976	ng	99
14) 1,2-Dichlorobenzene	7.040	146	171473	45.573	ng	98
15) Benzyl Alcohol	7.016	79	133032	47.857	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	210155	42.819	ng	89
17) 2-Methylphenol	7.128	107	123352	46.299	ng	99
18) Hexachloroethane	7.387	117	64332	46.365	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	104156	46.574	ng	97
20) 3+4-Methylphenols	7.281	107	159344	47.969	ng	92
22) Acetophenone	7.281	105	214833	47.672	ng	98
24) Nitrobenzene	7.457	77	155967	46.251	ng	97
25) Isophorone	7.698	82	279477	46.761	ng	99
26) 2-Nitrophenol	7.775	139	89807	48.889	ng	99
27) 2,4-Dimethylphenol	7.810	122	152023m	47.777	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	176513	46.455	ng	99
29) 2,4-Dichlorophenol	8.016	162	138978	48.171	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	146938	46.316	ng	99
31) Naphthalene	8.181	128	470666	47.052	ng	100
32) Benzoic acid	7.928	122	75024	46.260	ng	96
33) 4-Chloroaniline	8.228	127	74056	18.207	ng	99
34) Hexachlorobutadiene	8.293	225	92047	47.433	ng	99
35) Caprolactam	8.604	113	40899m	53.721	ng	
36) 4-Chloro-3-methylphenol	8.716	107	139247	48.563	ng	99
37) 2-Methylnaphthalene	8.869	142	289570	46.693	ng	100
38) 1-Methylnaphthalene	8.969	142	305524	47.591	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	151415	47.658	ng	98
41) Hexachlorocyclopentadiene	9.022	237	159093	88.241	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	97907	47.292	ng	99

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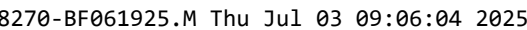
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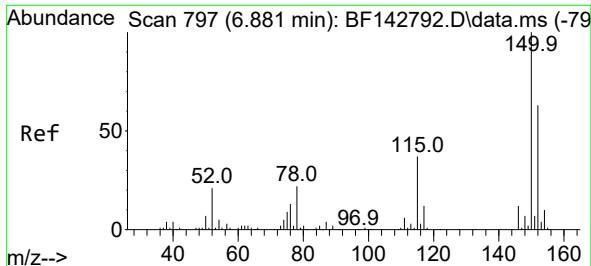
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	101353	46.506	ng	98
46) 1,1'-Biphenyl	9.339	154	401217	47.171	ng	100
47) 2-Chloronaphthalene	9.363	162	300447	47.071	ng	100
48) 2-Nitroaniline	9.457	65	88162	49.267	ng	99
49) Acenaphthylene	9.781	152	495833	47.188	ng	100
50) Dimethylphthalate	9.639	163	344572	49.438	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76844	50.204	ng	95
52) Acenaphthene	9.951	154	330431m	51.542	ng	
53) 3-Nitroaniline	9.869	138	46603	27.654	ng	100
54) 2,4-Dinitrophenol	9.987	184	76377	99.655	ng	96
55) Dibenzofuran	10.122	168	443336	48.225	ng	99
56) 4-Nitrophenol	10.039	139	114497	99.242	ng	96
57) 2,4-Dinitrotoluene	10.110	165	104944	51.617	ng	96
58) Fluorene	10.469	166	351193	48.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87628	49.883	ng	95
60) Diethylphthalate	10.334	149	353027	51.659	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	168016	49.041	ng	99
62) 4-Nitroaniline	10.486	138	80381	52.153	ng	98
63) Azobenzene	10.616	77	314566	51.503	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	53566	49.058	ng	97
66) n-Nitrosodiphenylamine	10.575	169	300659	48.057	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	99985	48.667	ng	96
68) Hexachlorobenzene	11.016	284	111064	48.651	ng	99
69) Atrazine	11.104	200	92183	57.059	ng	100
70) Pentachlorophenol	11.216	266	105094	92.386	ng	99
71) Phenanthrene	11.433	178	477581	48.839	ng	100
72) Anthracene	11.486	178	489090	48.768	ng	99
73) Carbazole	11.639	167	431756	49.887	ng	100
74) Di-n-butylphthalate	11.963	149	518905	57.554	ng	99
75) Fluoranthene	12.622	202	456472	49.186	ng	100
77) Benzidine	12.745	184	120231	30.706	ng	99
78) Pyrene	12.851	202	446599	45.717	ng	99
80) Butylbenzylphthalate	13.463	149	160365	56.593	ng	97
81) Benzo(a)anthracene	14.045	228	342784	48.756	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	38302	16.796	ng	99
83) Chrysene	14.080	228	303931	48.447	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	205005	50.284	ng	99
85) Di-n-octyl phthalate	14.639	149	317463	41.295	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	374660	44.359	ng	99
88) Benzo(b)fluoranthene	15.110	252	330476	51.505	ng	99
89) Benzo(k)fluoranthene	15.139	252	300146	49.999	ng	99
90) Benzo(a)pyrene	15.486	252	308547	49.776	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	301867	43.987	ng	98
92) Benzo(g,h,i)perylene	17.521	276	296284	43.296	ng	98

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

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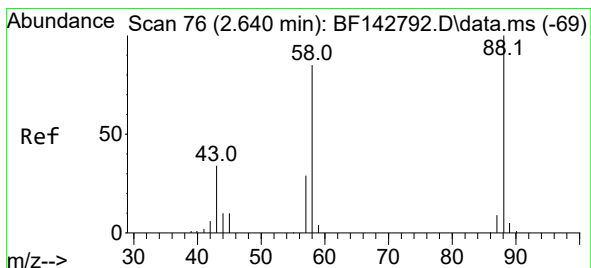
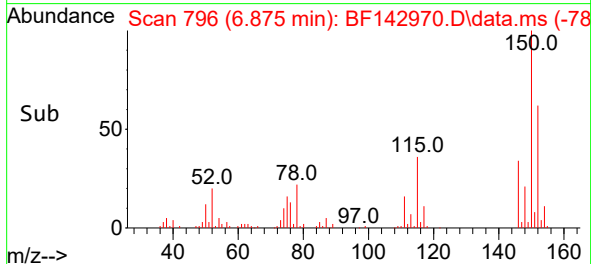
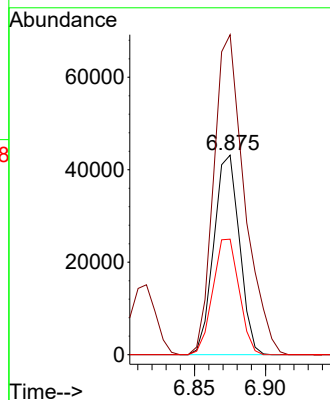
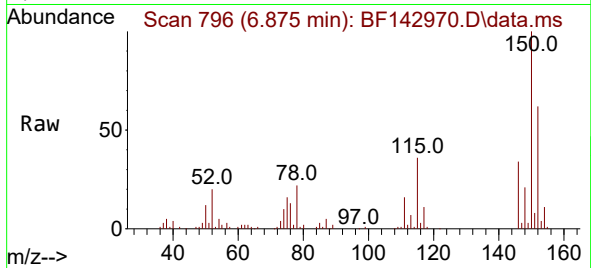




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

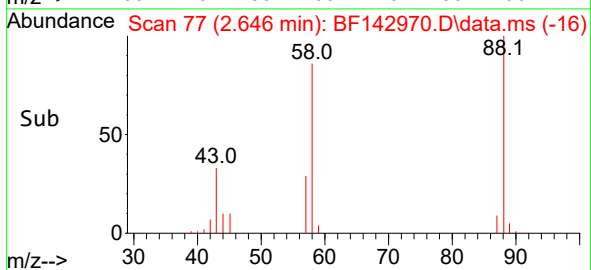
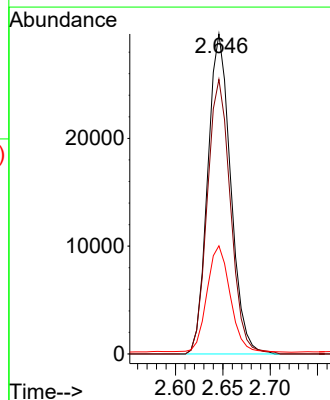
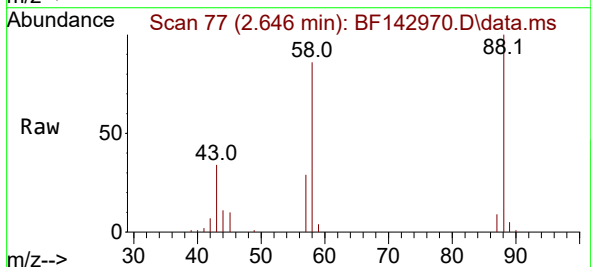
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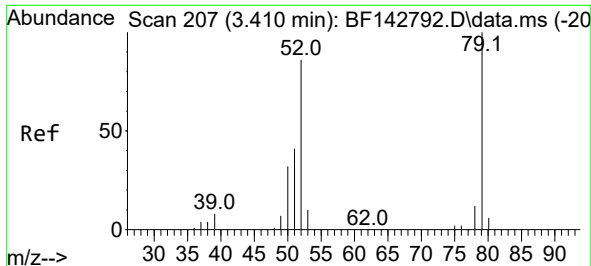
Tgt Ion:152 Resp: 54262
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.2 190.8
 115 57.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 38.401 ng
 RT: 2.646 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

Tgt Ion: 88 Resp: 50058
 Ion Ratio Lower Upper
 88 100
 58 86.8 69.1 103.7
 43 33.6 27.4 41.2

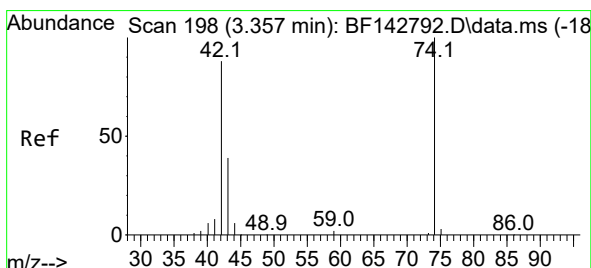
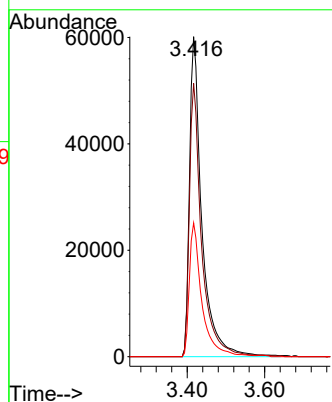
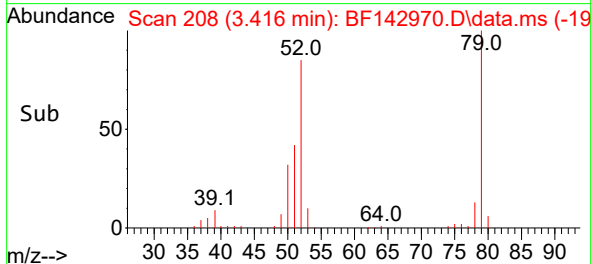
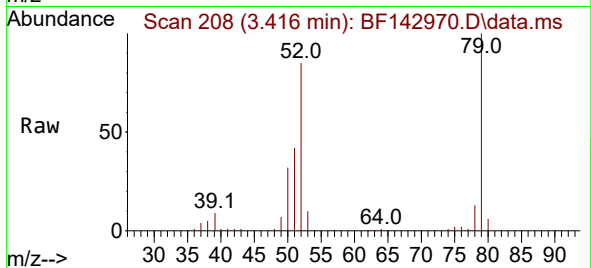




#3
Pyridine
Concen: 40.918 ng
RT: 3.416 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

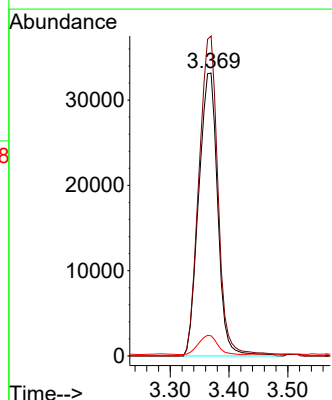
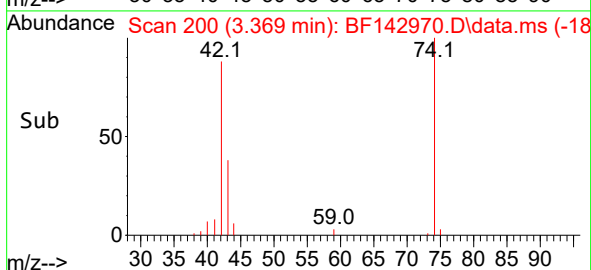
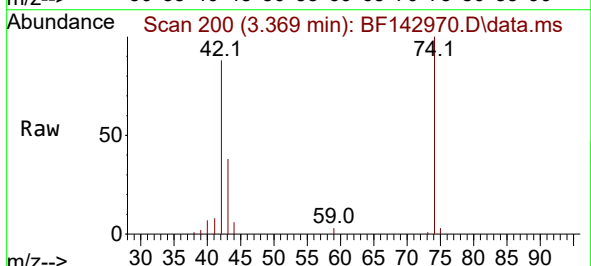
Instrument :
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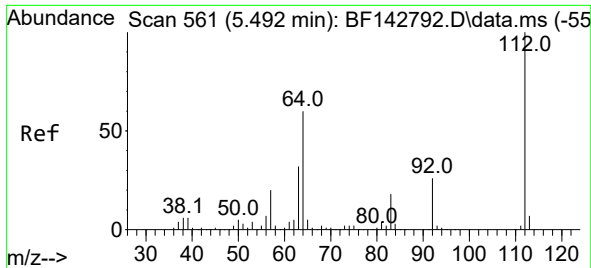
Tgt Ion: 79 Resp: 133722
Ion Ratio Lower Upper
79 100
52 85.4 69.2 103.8
51 41.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 43.969 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion: 42 Resp: 74305
Ion Ratio Lower Upper
42 100
74 113.1 90.9 136.3
44 7.2 5.8 8.6

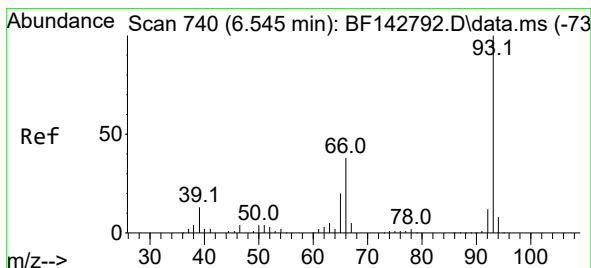
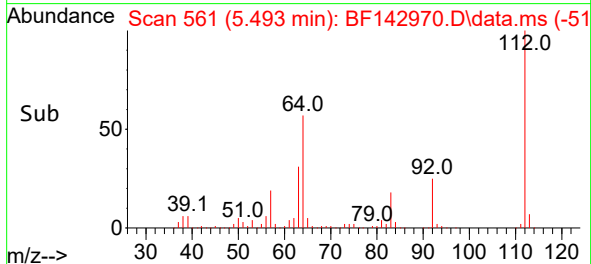
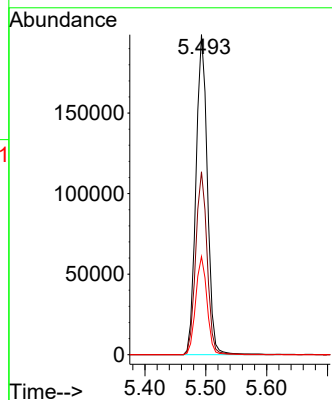
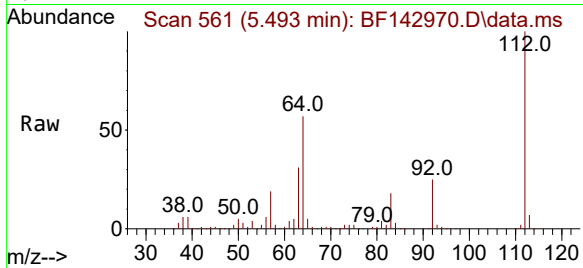




#5
2-Fluorophenol
Concen: 79.360 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.001 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

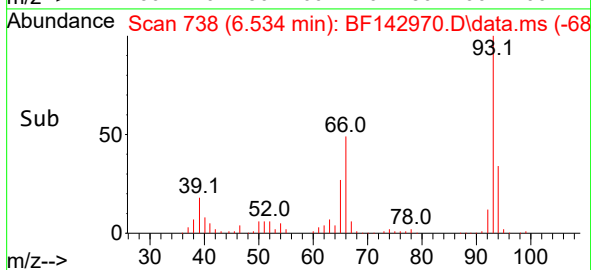
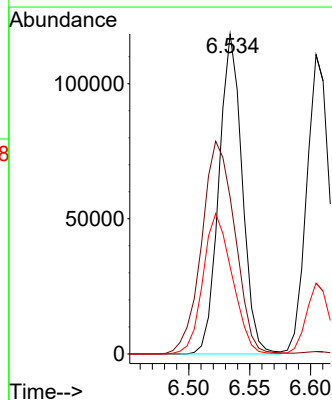
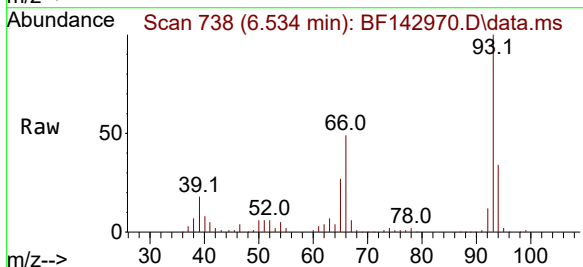
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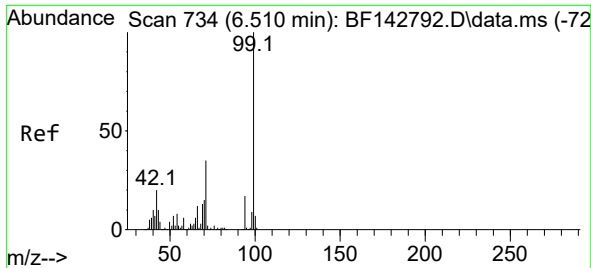
Tgt Ion:112 Resp: 258644
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.2
63 30.7 25.7 38.5



#6
Aniline
Concen: 30.734 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion: 93 Resp: 157245
Ion Ratio Lower Upper
93 100
66 49.0 31.8 47.6#
65 27.2 16.2 24.2#





#7

Phenol-d6

Concen: 81.068 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

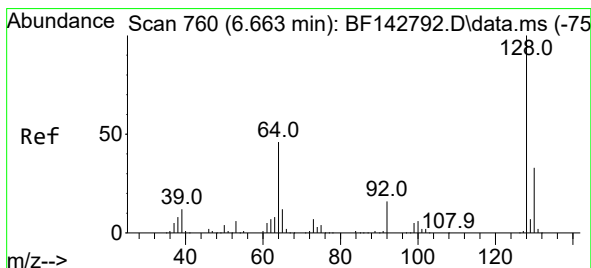
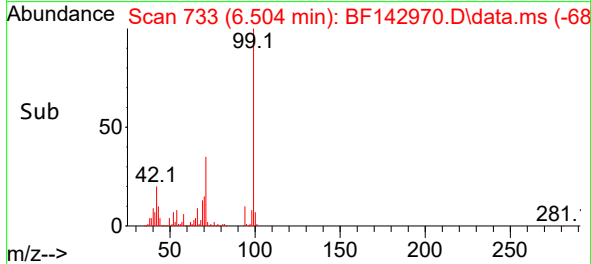
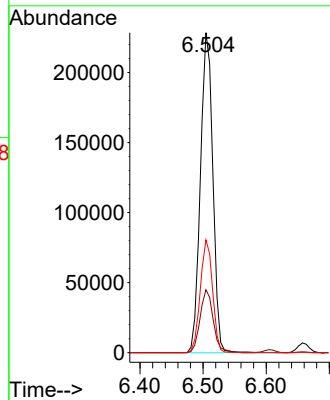
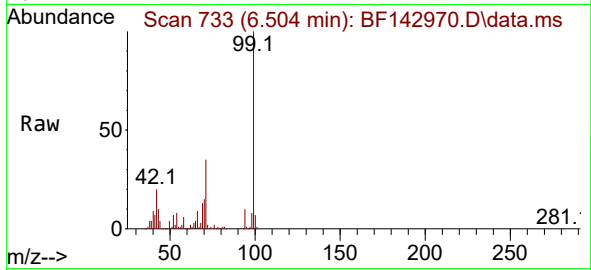
Tgt Ion: 99 Resp: 311719

Ion Ratio Lower Upper

99 100

42 19.7 15.9 23.9

71 35.3 27.8 41.8



#8

2-Chlorophenol

Concen: 46.979 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

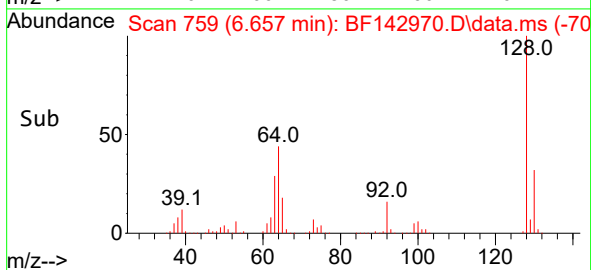
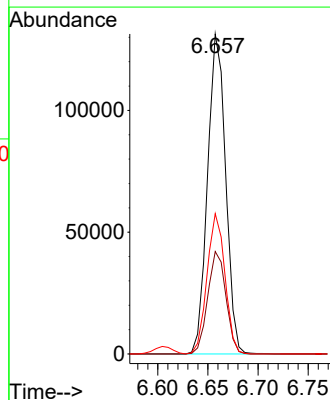
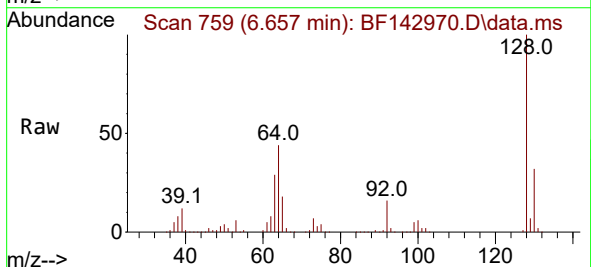
Tgt Ion:128 Resp: 165164

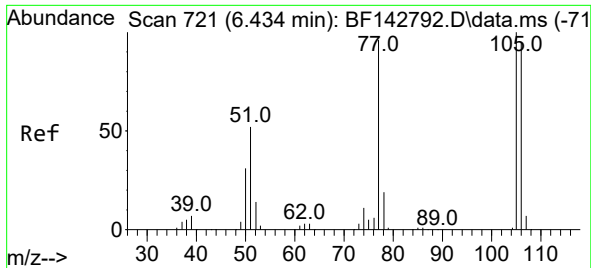
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 43.9 26.5 66.5

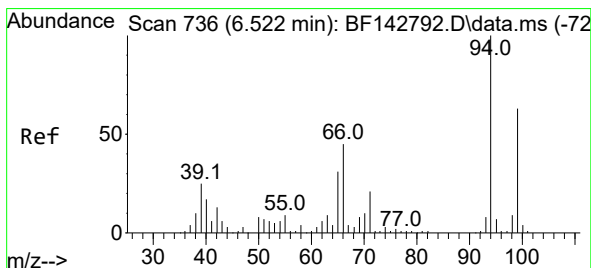
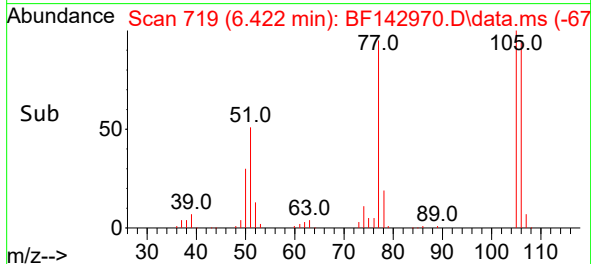
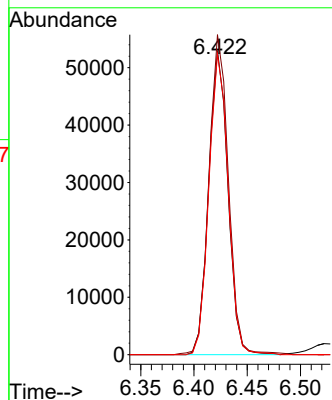
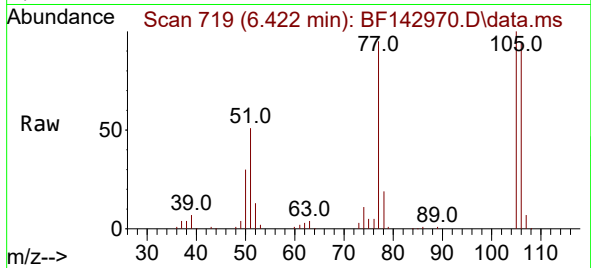




#9
Benzaldehyde
Concen: 29.112 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

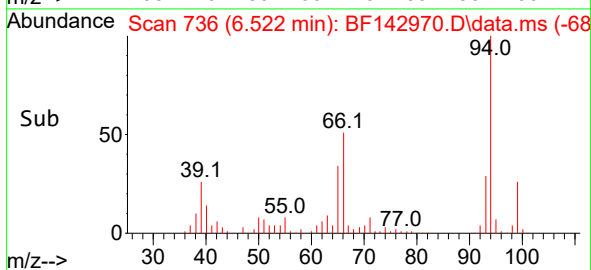
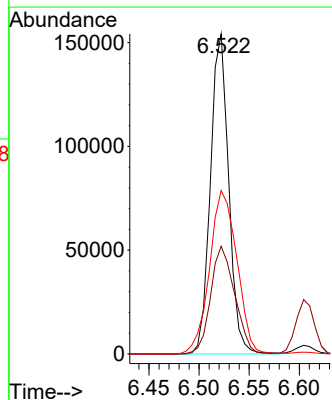
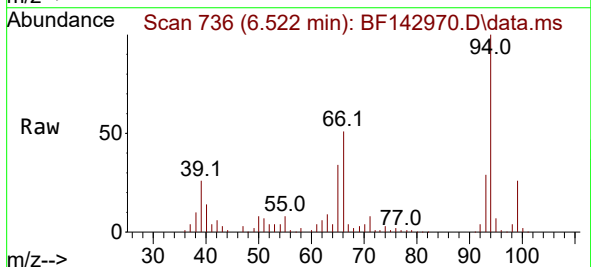
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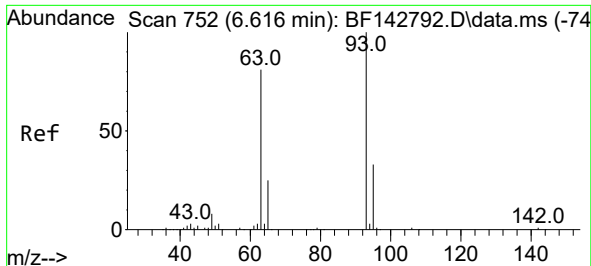
Tgt Ion: 77 Resp: 66411
Ion Ratio Lower Upper
77 100
105 105.3 83.8 123.8
106 99.0 78.7 118.7



#10
Phenol
Concen: 45.816 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion: 94 Resp: 195825
Ion Ratio Lower Upper
94 100
65 33.7 11.3 51.3
66 51.1 24.9 64.9

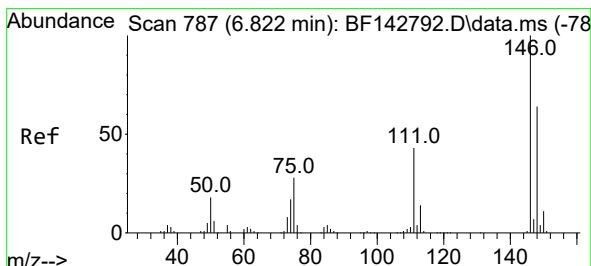
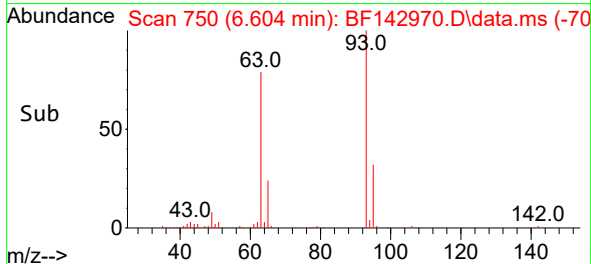
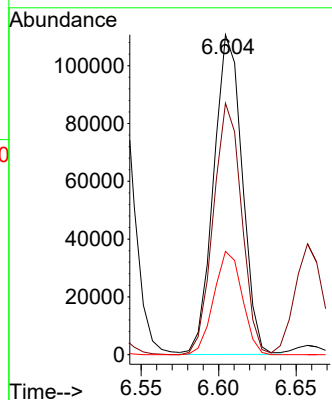
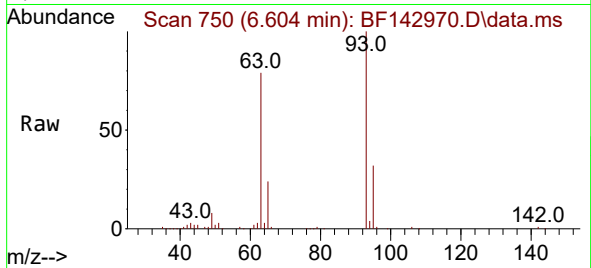




#11
bis(2-Chloroethyl)ether
Concen: 46.494 ng
RT: 6.604 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

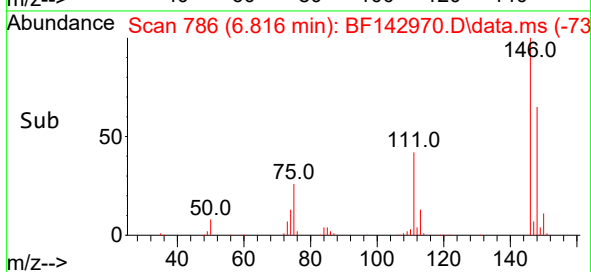
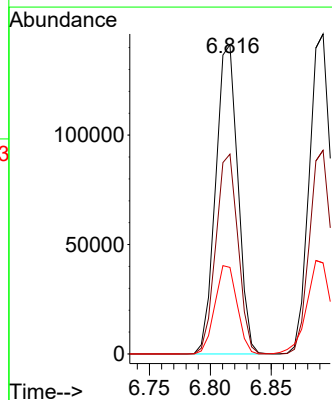
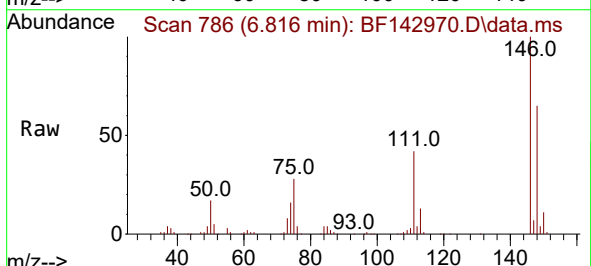
Instrument :
BNA_F
ClientSampleId :
TP-67MS

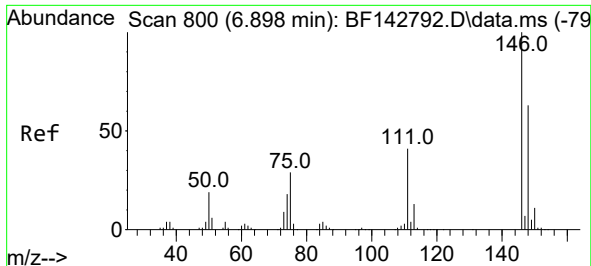
Tgt Ion: 93 Resp: 142030
Ion Ratio Lower Upper
93 100
63 78.6 60.3 100.3
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.638 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:146 Resp: 179443
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 45.976 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

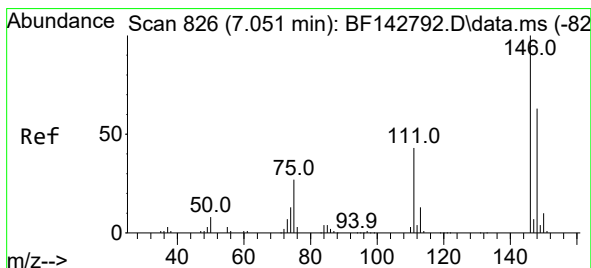
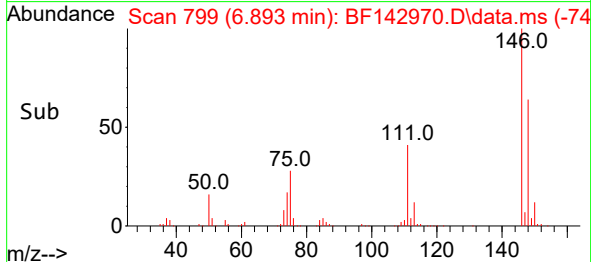
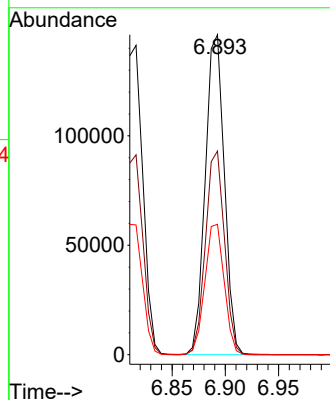
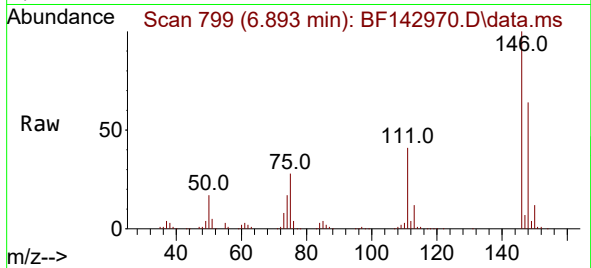
Tgt Ion:146 Resp: 182383

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

111 40.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.573 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.012 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

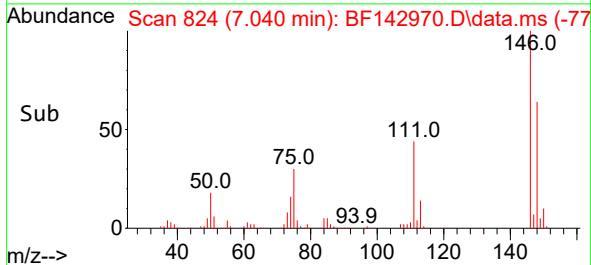
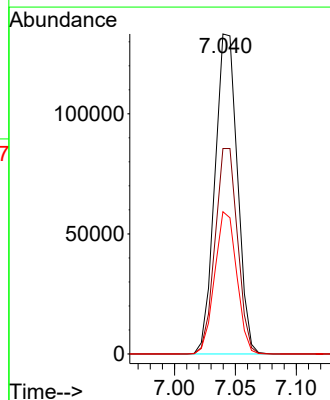
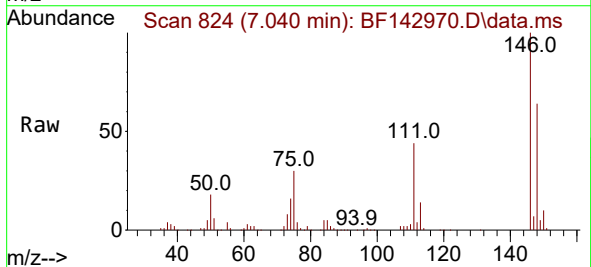
Tgt Ion:146 Resp: 171473

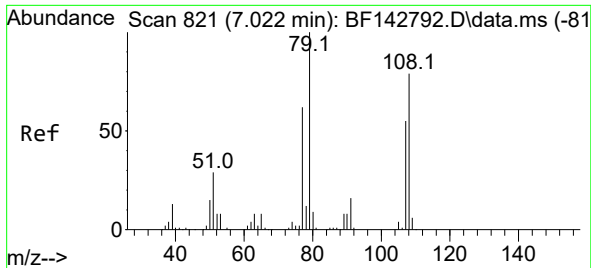
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

111 44.5 34.1 51.1



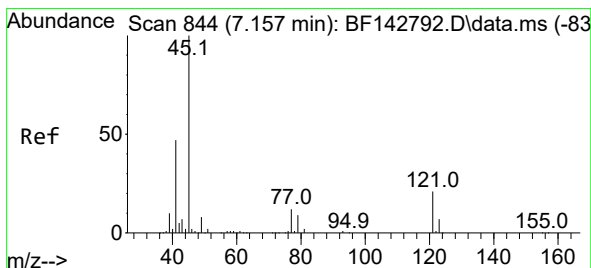
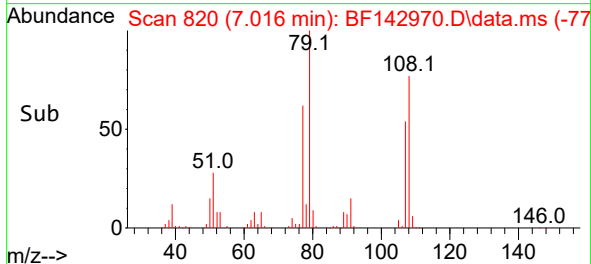
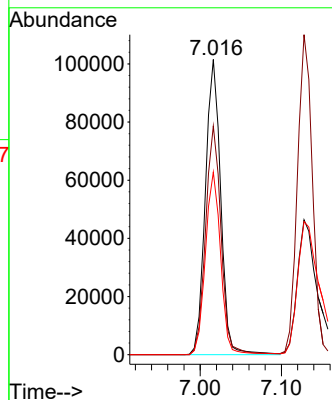
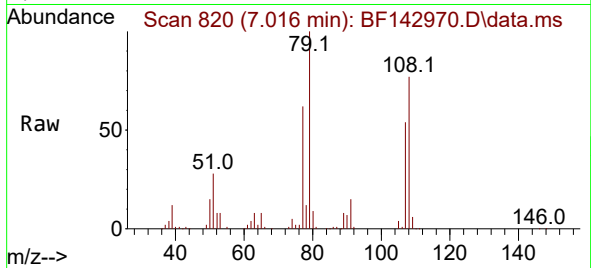


#15
Benzyl Alcohol
Concen: 47.857 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-67MS

Tgt Ion: 79 Resp: 133032

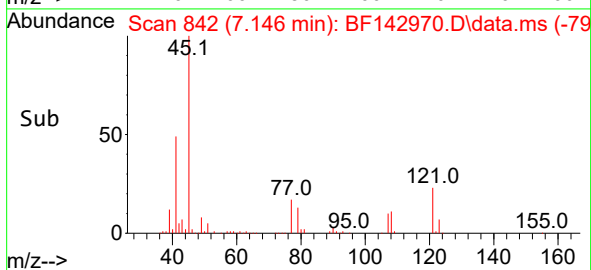
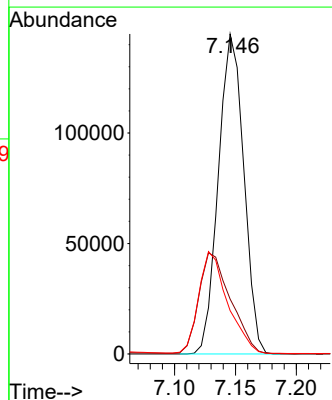
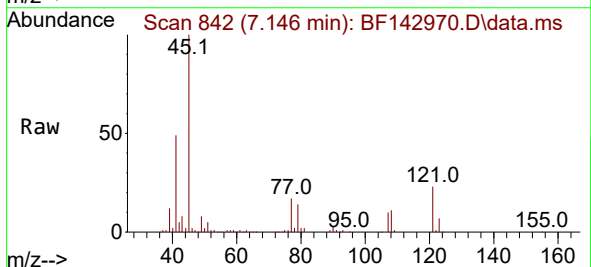
Ion	Ratio	Lower	Upper
79	100		
108	77.4	63.4	95.0
77	61.8	49.5	74.3

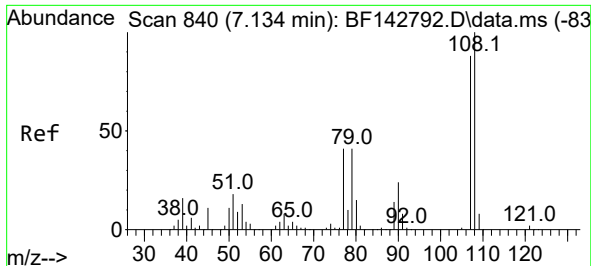


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.819 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion: 45 Resp: 210155

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	32.8
79	13.6	0.0	29.8

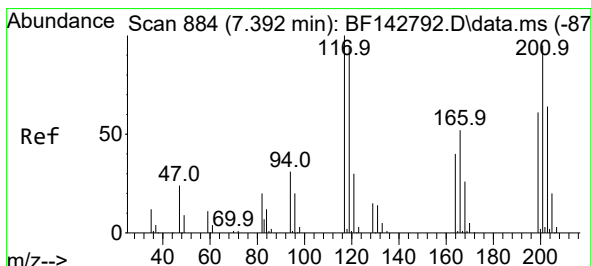
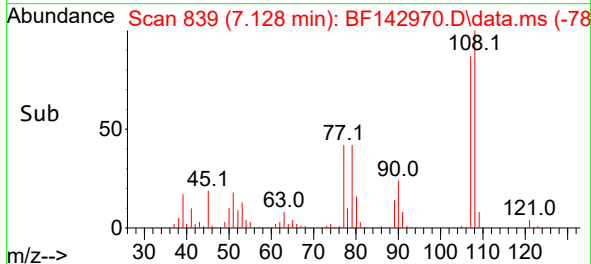
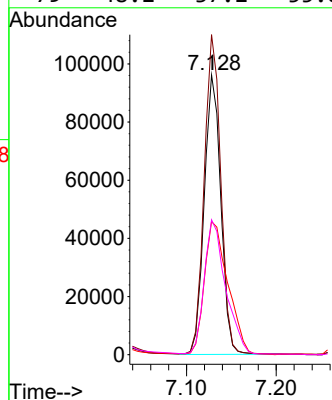
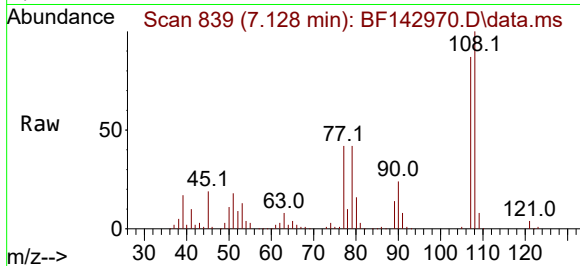




#17
2-Methylphenol
Concen: 46.299 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

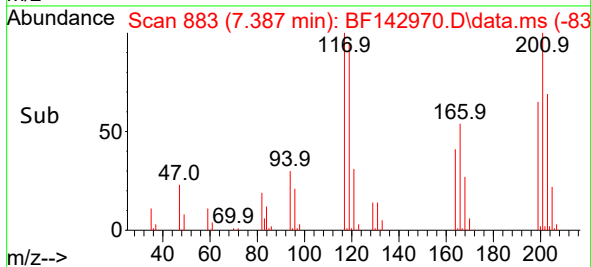
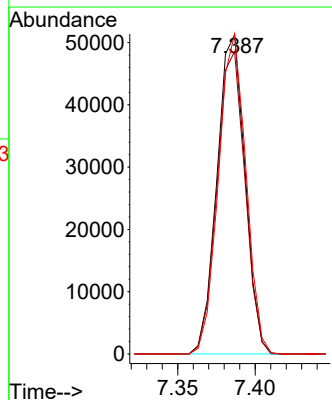
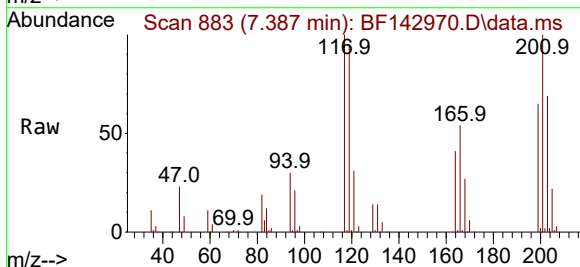
Instrument :
BNA_F
ClientSampleId :
TP-67MS

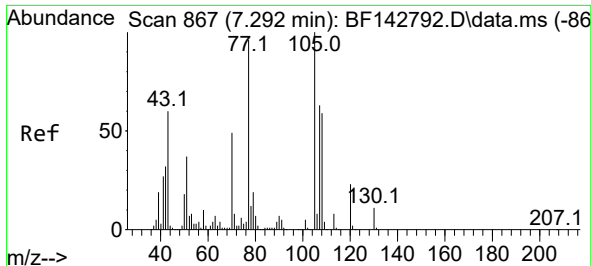
Tgt Ion:107 Resp: 123352
Ion Ratio Lower Upper
107 100
108 114.4 90.9 136.3
77 47.6 37.3 55.9
79 48.2 37.2 55.8



#18
Hexachloroethane
Concen: 46.365 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:117 Resp: 64332
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 100.2 75.9 113.9



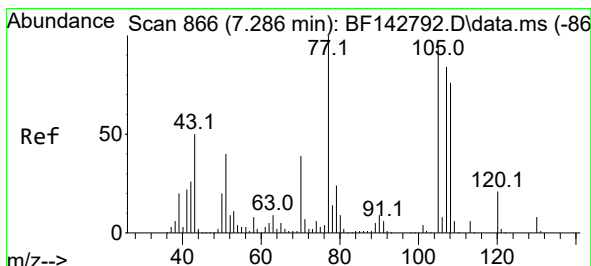
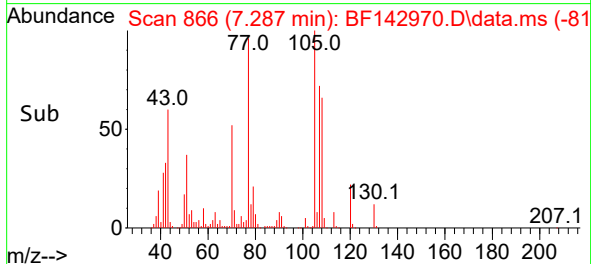
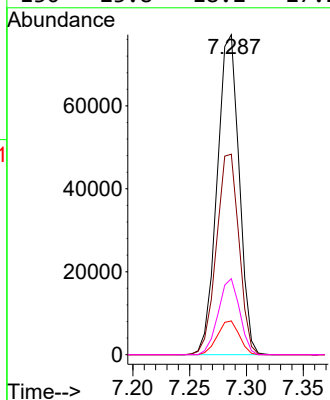
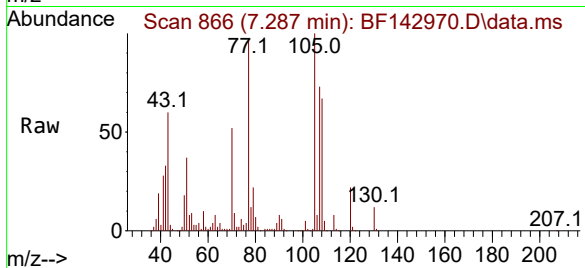


#19
n-Nitroso-di-n-propylamine
Concen: 46.574 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-67MS

Tgt Ion: 70 Resp: 104156

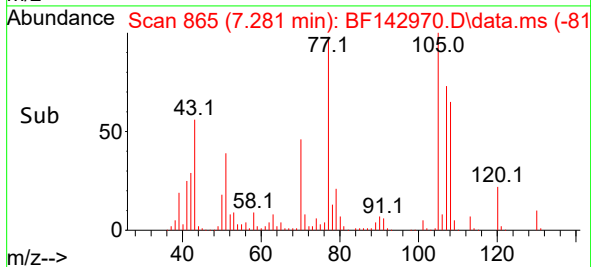
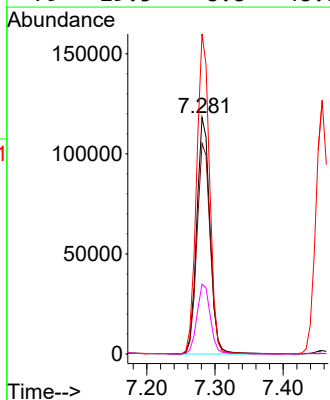
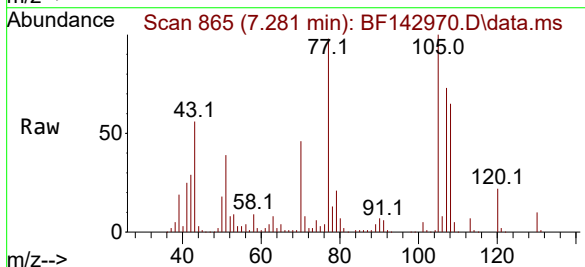
Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.1	78.1
101	10.6	8.2	12.2
130	23.8	18.2	27.2

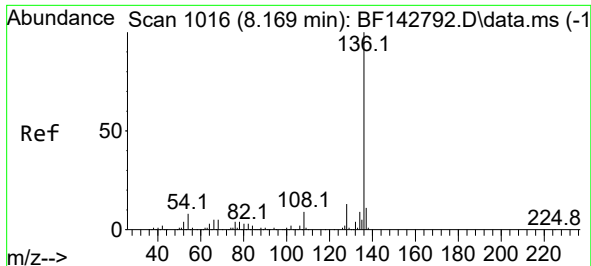


#20
3+4-Methylphenols
Concen: 47.969 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion: 107 Resp: 159344

Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.0	110.0
77	135.4	98.5	138.5
79	29.5	8.8	48.8

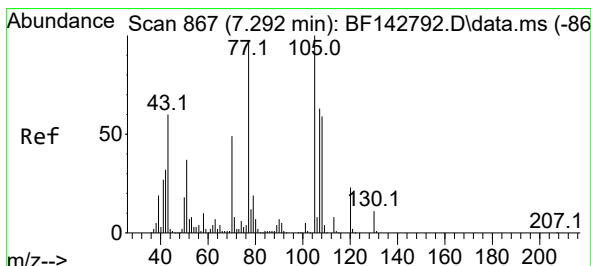
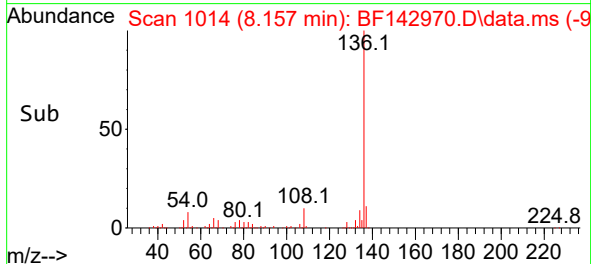
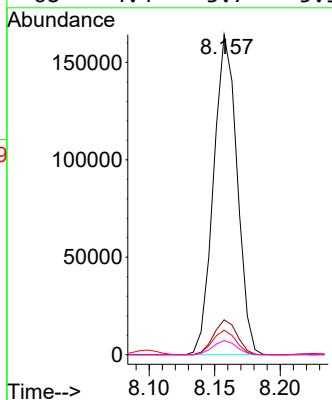
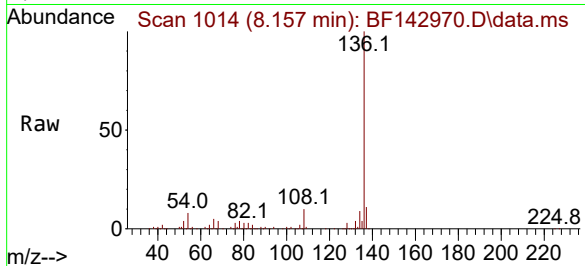




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

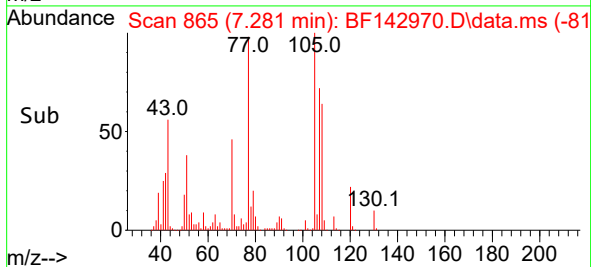
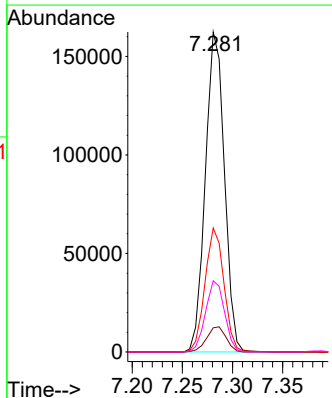
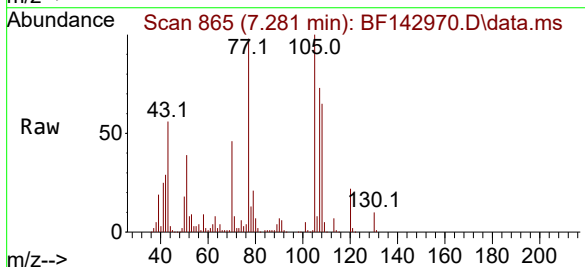
Instrument :
BNA_F
ClientSampleId :
TP-67MS

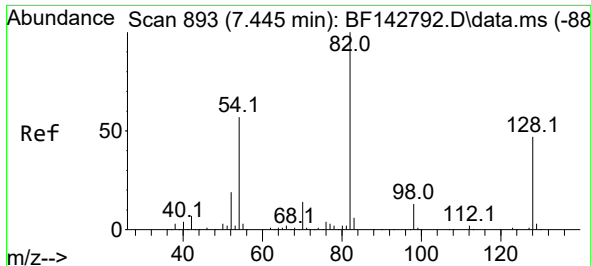
Tgt Ion:136 Resp: 204360
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 47.672 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:105 Resp: 214833
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 38.8 29.8 44.8
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 50.772 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.005 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

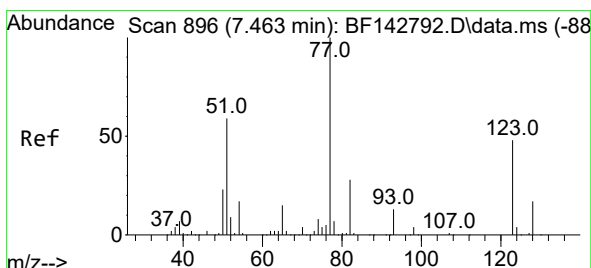
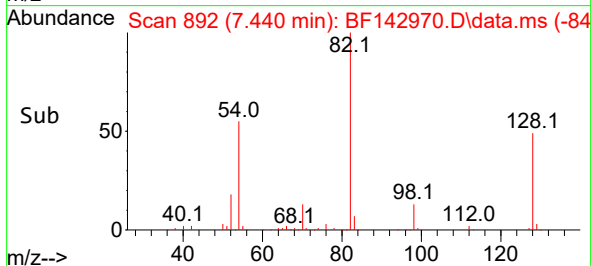
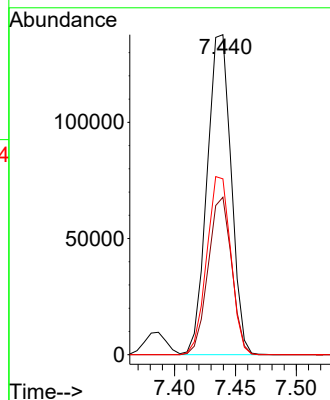
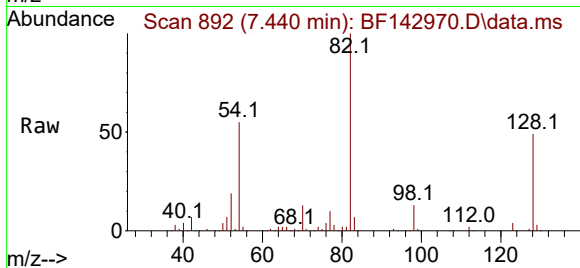
Tgt Ion: 82 Resp: 189163

Ion Ratio Lower Upper

82 100

128 49.2 37.7 56.5

54 54.9 45.7 68.5



#24

Nitrobenzene

Concen: 46.251 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

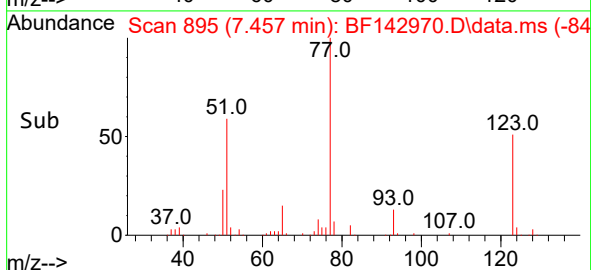
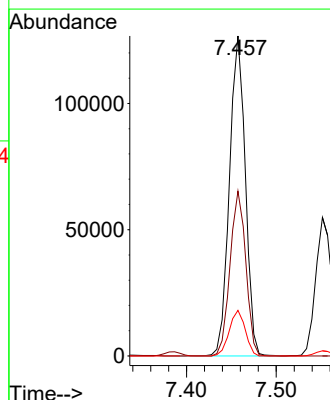
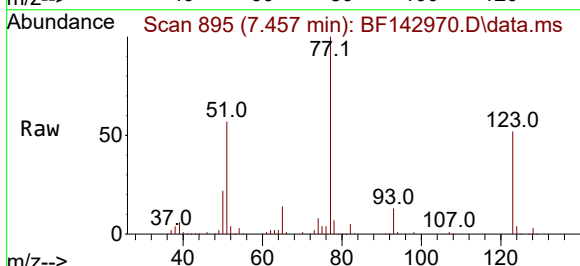
Tgt Ion: 77 Resp: 155967

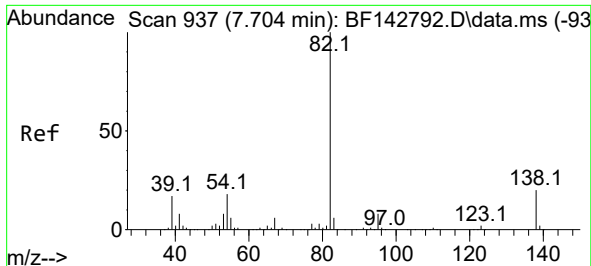
Ion Ratio Lower Upper

77 100

123 51.5 39.2 58.8

65 14.2 11.6 17.4

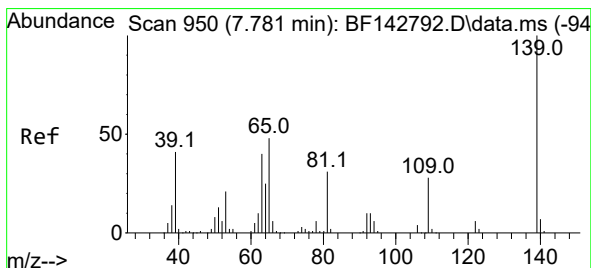
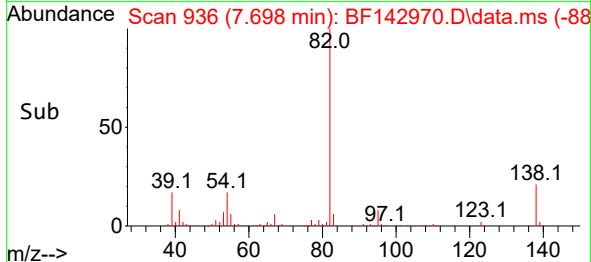
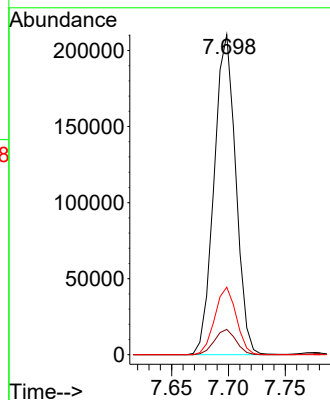
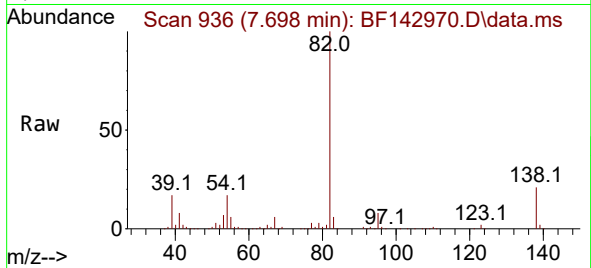




#25
Isophorone
Concen: 46.761 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

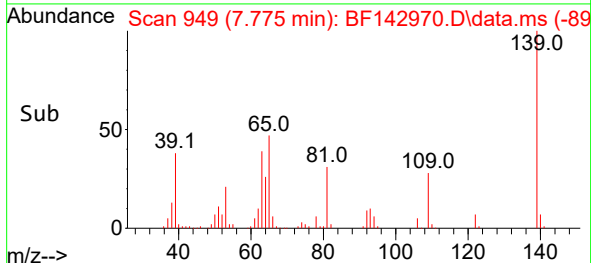
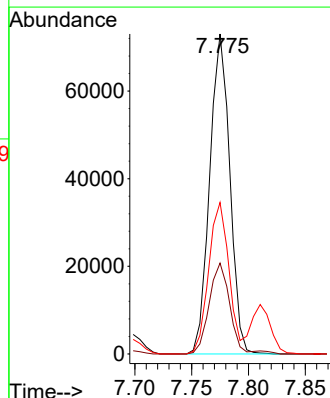
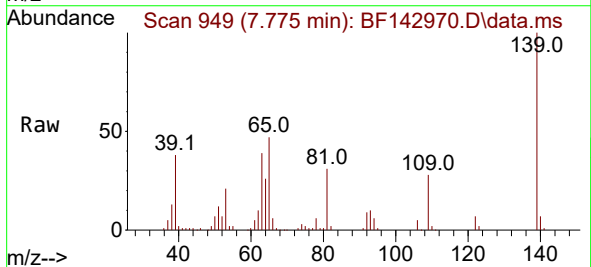
Instrument :
BNA_F
ClientSampleId :
TP-67MS

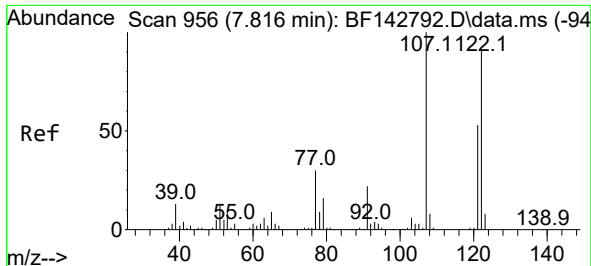
Tgt Ion: 82 Resp: 279477
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 21.1 16.2 24.4



#26
2-Nitrophenol
Concen: 48.889 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:139 Resp: 89807
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 47.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 47.777 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

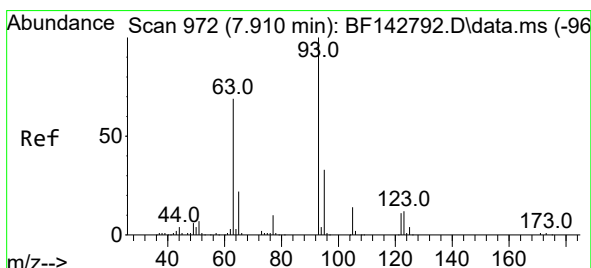
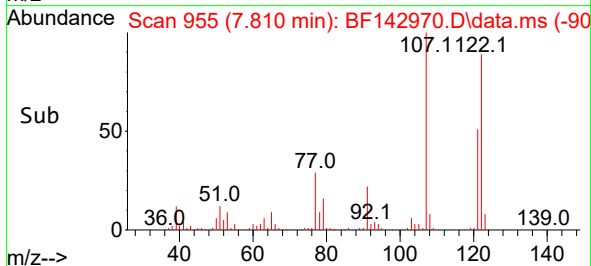
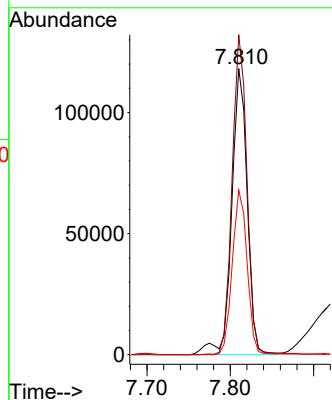
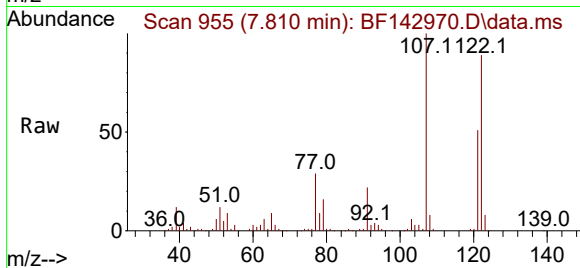
Tgt Ion:122 Resp: 152023

Ion Ratio Lower Upper

122 100

107 111.8 88.0 132.0

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.455 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

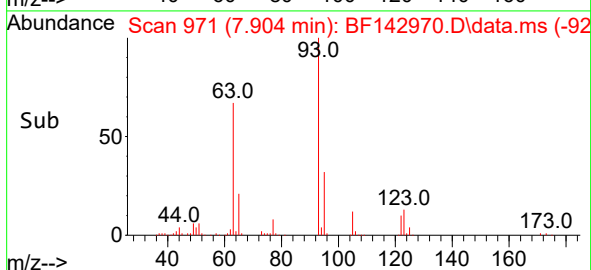
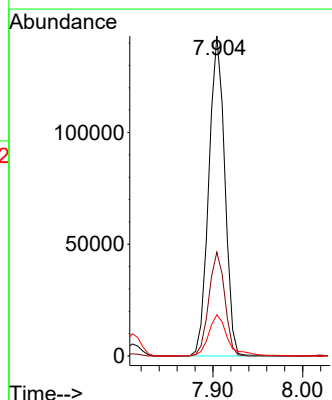
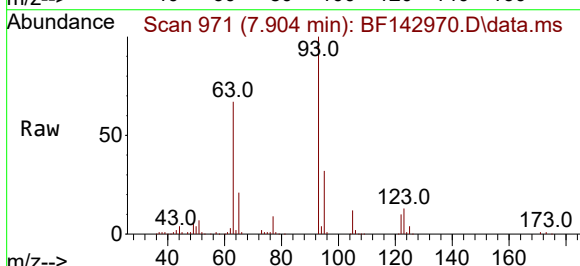
Tgt Ion: 93 Resp: 176513

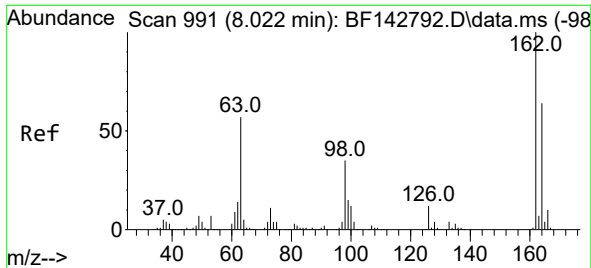
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.9 9.9 14.9

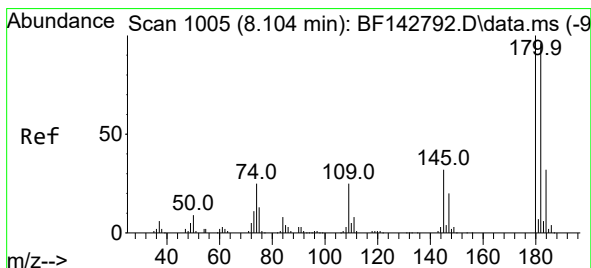
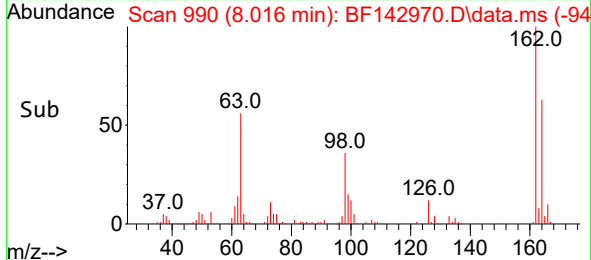
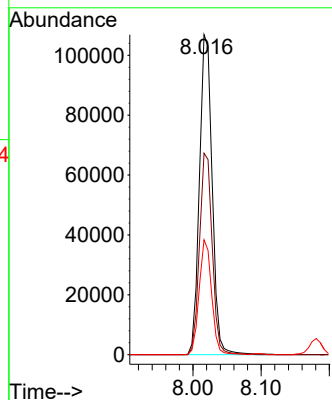
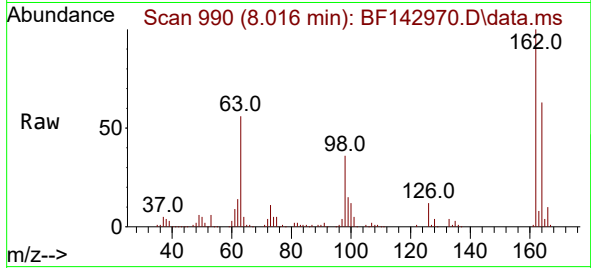




#29
2,4-Dichlorophenol
Concen: 48.171 ng
RT: 8.016 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

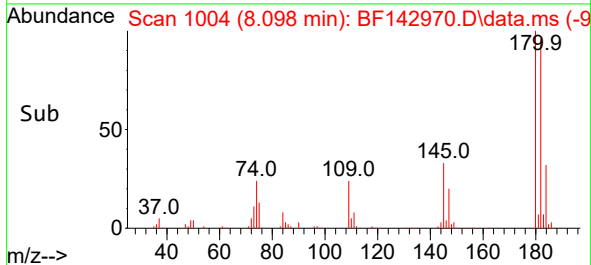
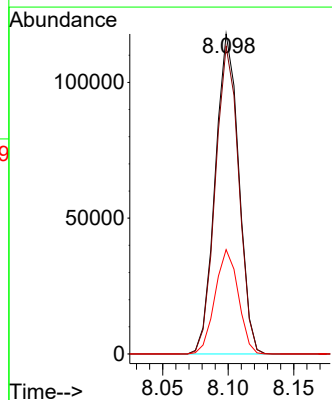
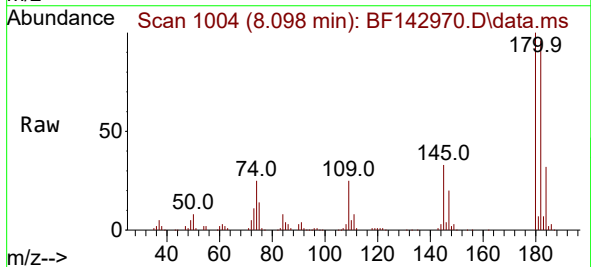
Instrument :
BNA_F
ClientSampleId :
TP-67MS

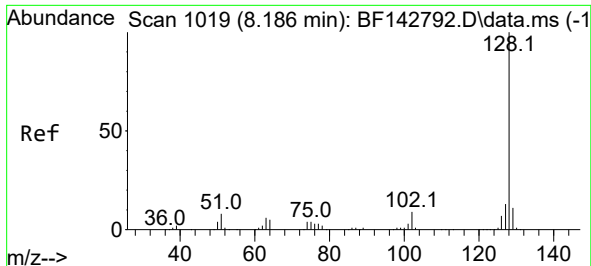
Tgt Ion:162 Resp: 138978
Ion Ratio Lower Upper
162 100
164 63.0 44.0 84.0
98 35.9 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 46.316 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:180 Resp: 146938
Ion Ratio Lower Upper
180 100
182 96.2 76.4 114.6
145 32.6 25.8 38.8





#31

Naphthalene

Concen: 47.052 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

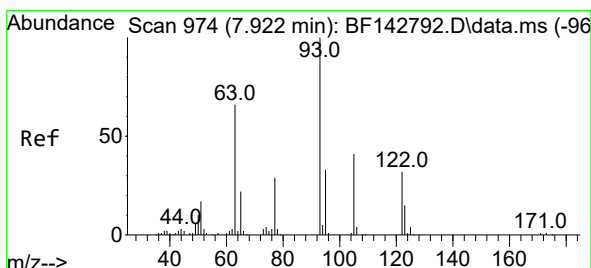
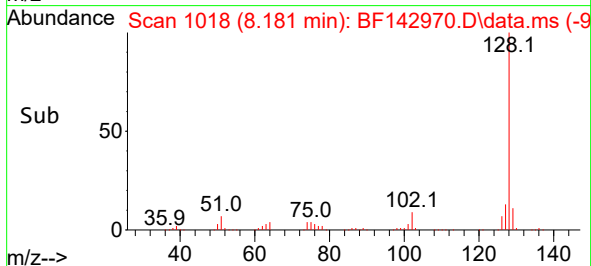
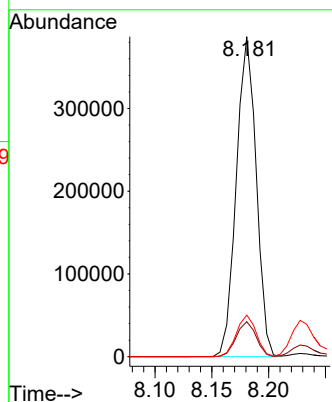
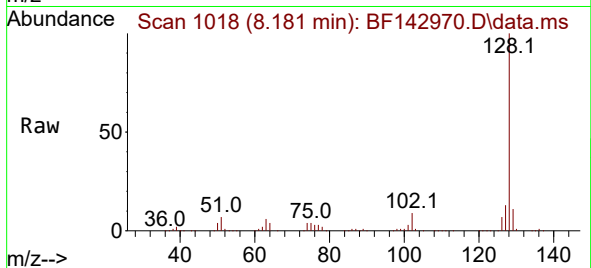
Tgt Ion:128 Resp: 470666

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 46.260 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

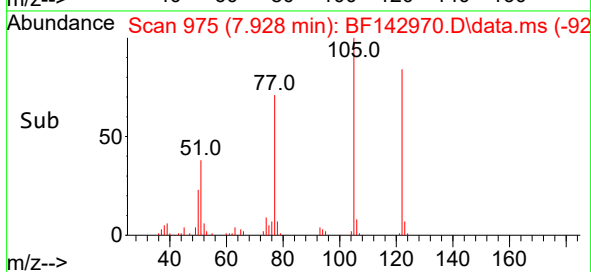
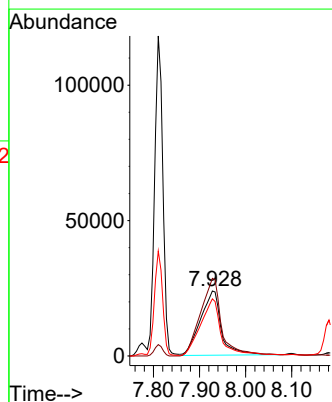
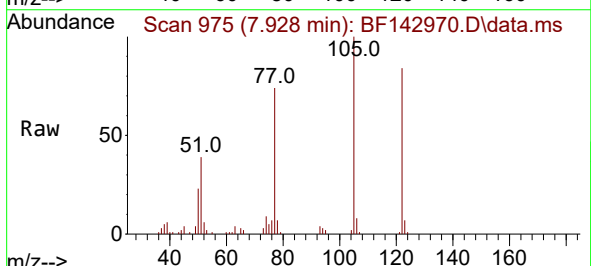
Tgt Ion:122 Resp: 75024

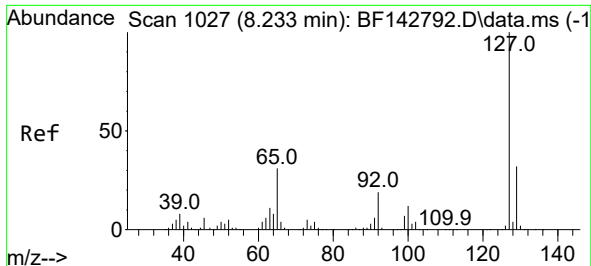
Ion Ratio Lower Upper

122 100

105 119.4 104.7 144.7

77 88.0 70.2 110.2

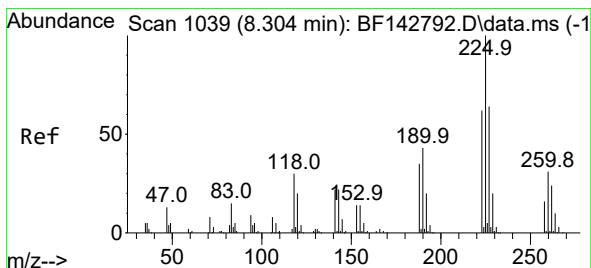
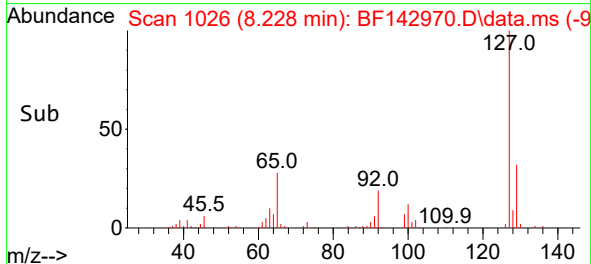
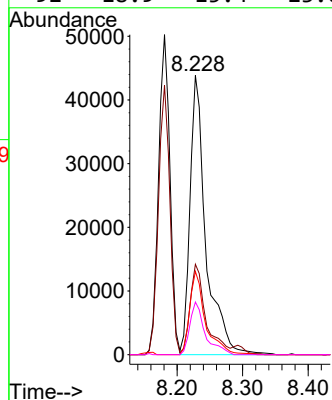
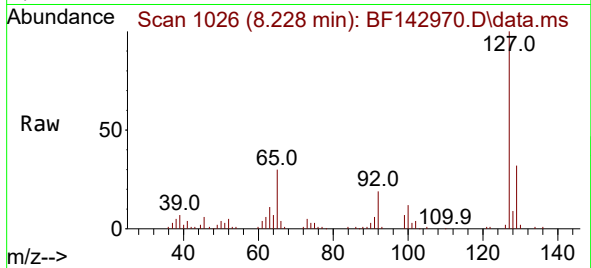




#33
4-Chloroaniline
Concen: 18.207 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

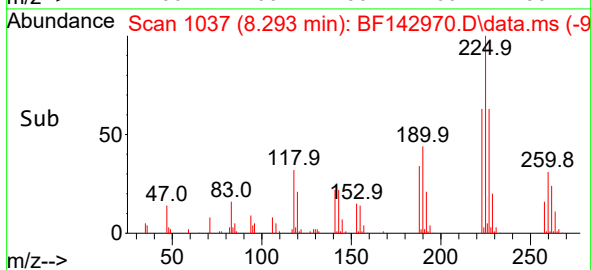
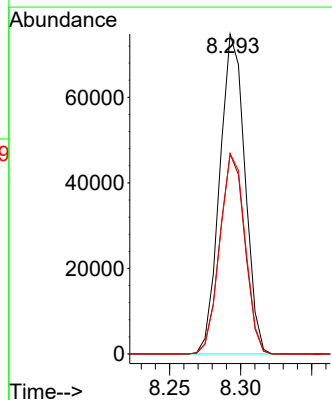
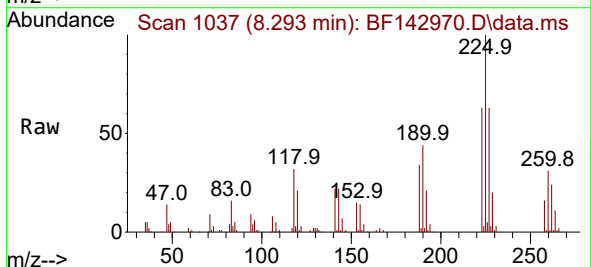
Instrument :
BNA_F
ClientSampleId :
TP-67MS

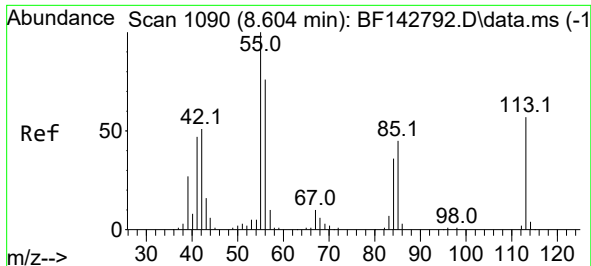
Tgt Ion:127	Resp:	74056
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	29.8	24.6 36.8
92	18.9	15.4 23.0



#34
Hexachlorobutadiene
Concen: 47.433 ng
RT: 8.293 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:225	Resp:	92047
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.9 74.9
227	62.6	51.4 77.0

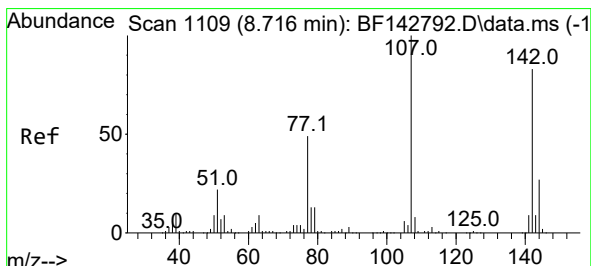
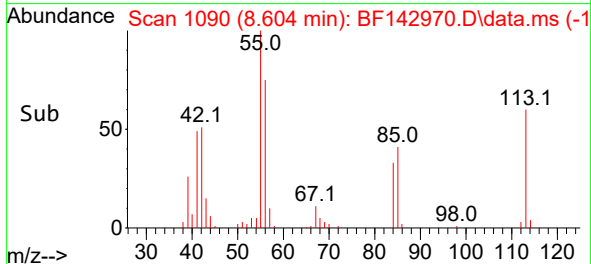
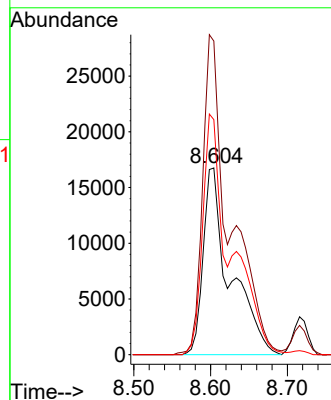
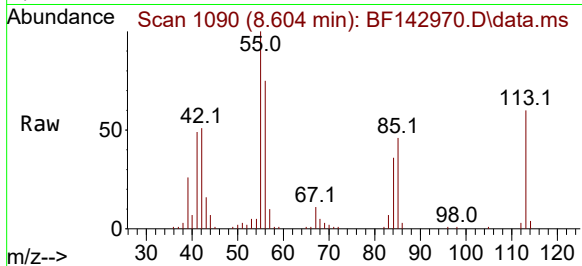




#35
 Caprolactam
 Concen: 53.721 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

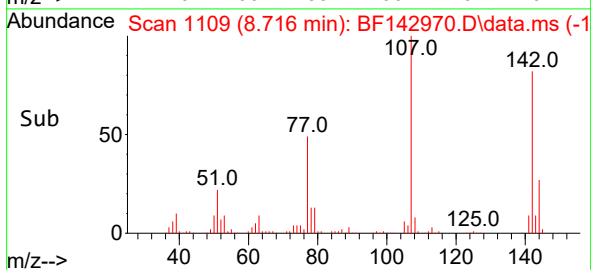
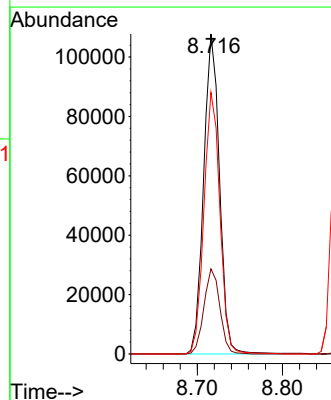
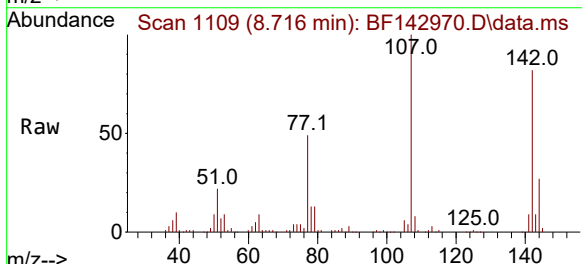
Instrument :
 BNA_F
 ClientSampleId :
 TP-67MS

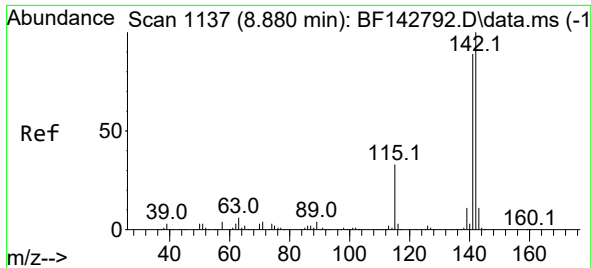
Tgt Ion:113 Resp: 40899
 Ion Ratio Lower Upper
 113 100
 55 168.1 154.4 194.4
 56 125.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.563 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

Tgt Ion:107 Resp: 139247
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 81.8 66.6 100.0

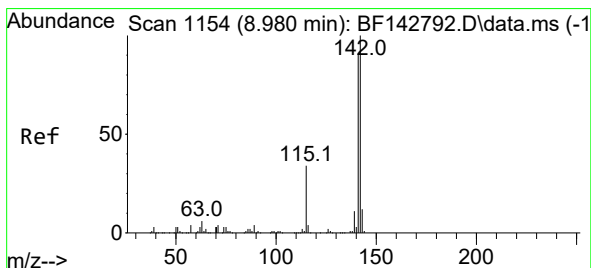
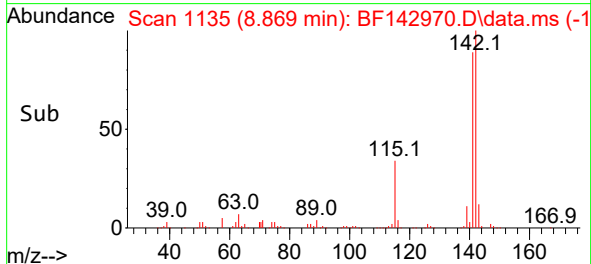
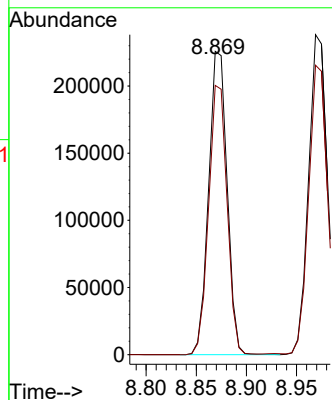
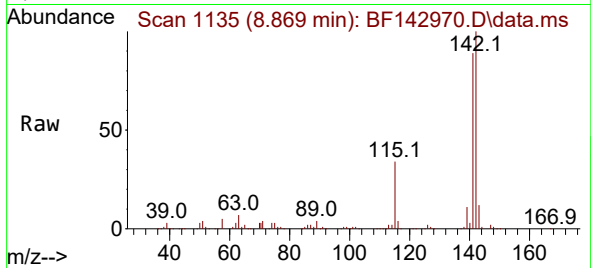




#37
2-Methylnaphthalene
Concen: 46.693 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

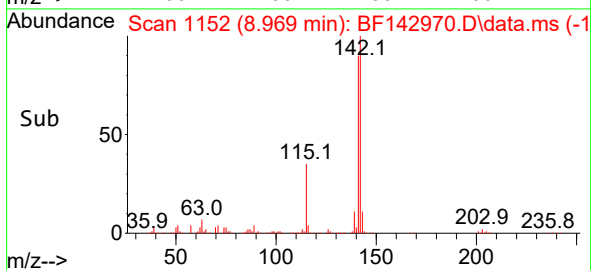
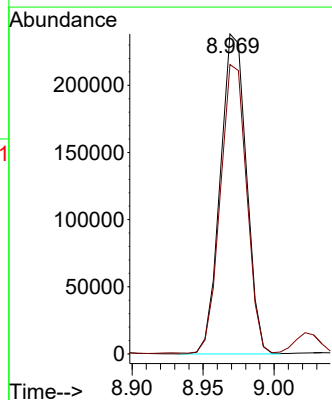
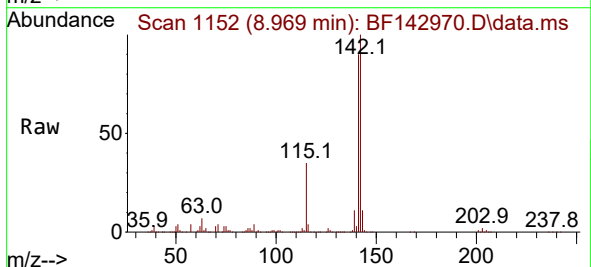
Instrument :
BNA_F
ClientSampleId :
TP-67MS

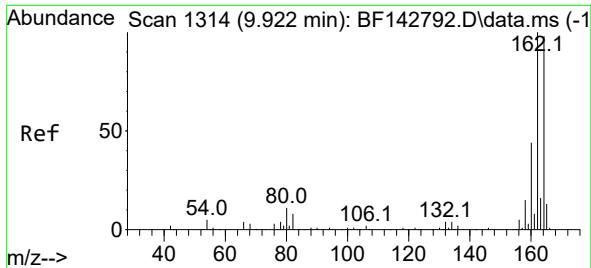
Tgt Ion:142 Resp: 289570
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 47.591 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:142 Resp: 305524
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4

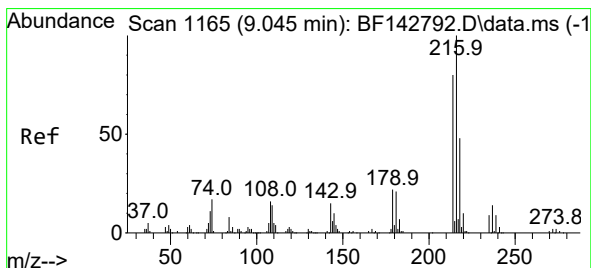
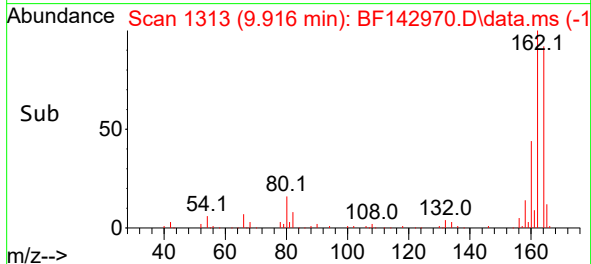
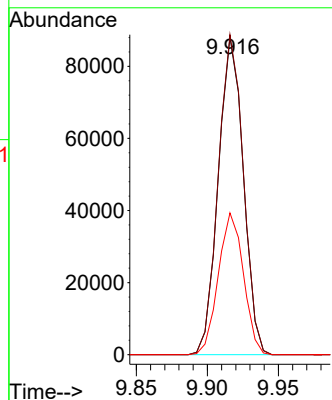
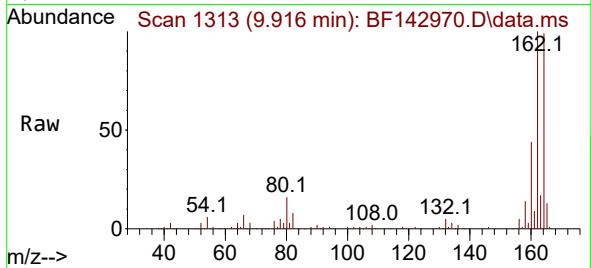




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

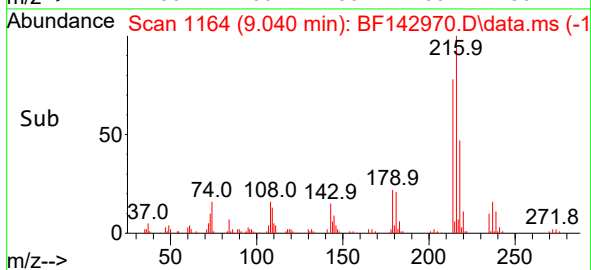
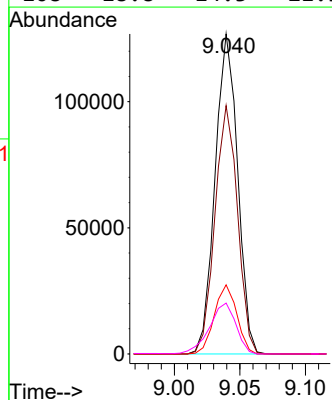
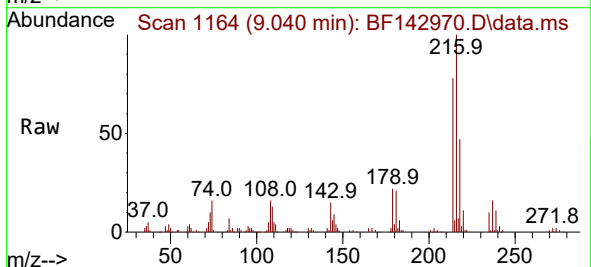
Instrument :
BNA_F
ClientSampleId :
TP-67MS

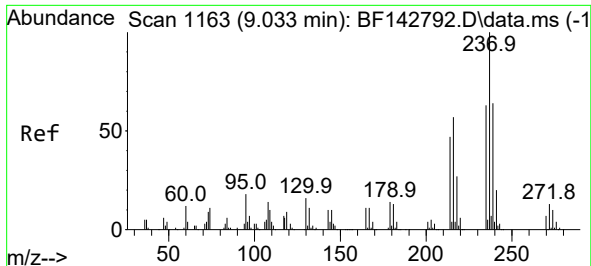
Tgt Ion:164 Resp: 107674
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.8
160 44.7 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.658 ng
RT: 9.040 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

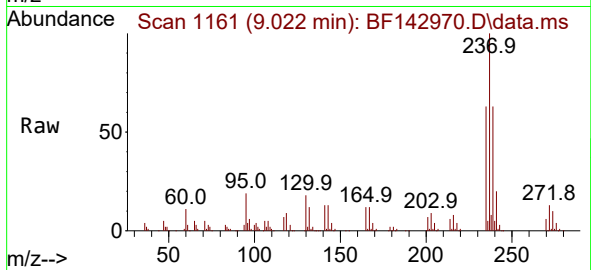
Tgt Ion:216 Resp: 151415
Ion Ratio Lower Upper
216 100
214 77.7 63.7 95.5
179 21.5 17.6 26.4
108 18.8 14.3 21.5



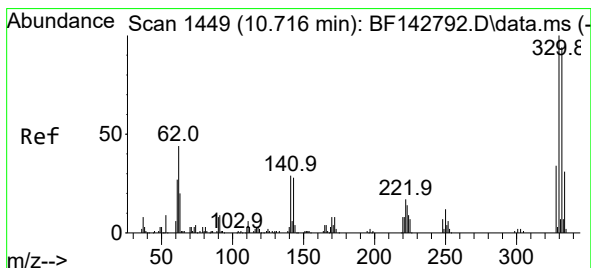
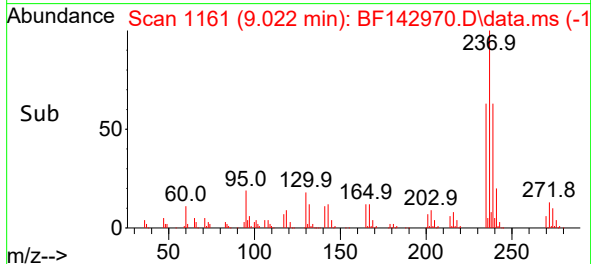
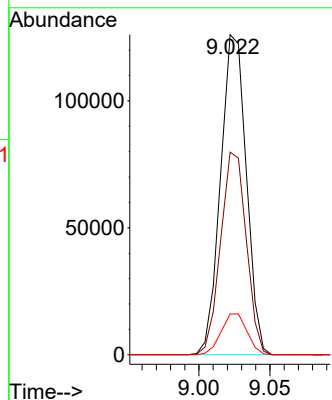


#41
Hexachlorocyclopentadiene
Concen: 88.241 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-67MS

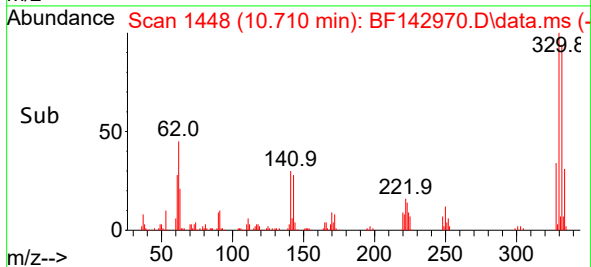
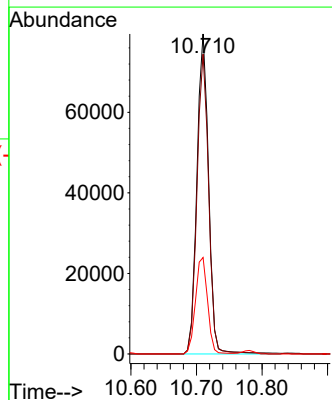
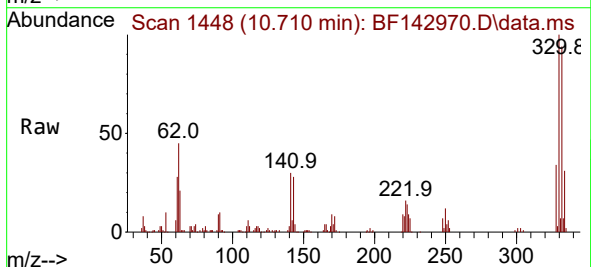


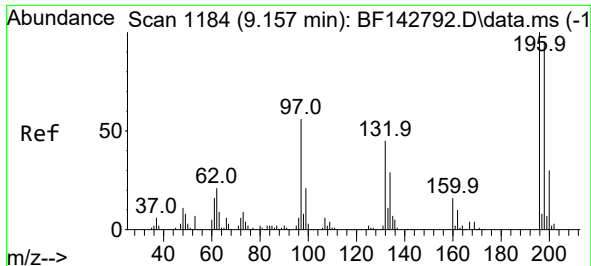
Tgt Ion:237 Resp: 159093
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 89.223 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:330 Resp: 98863
Ion Ratio Lower Upper
330 100
332 93.4 75.0 112.6
141 31.1 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 47.292 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

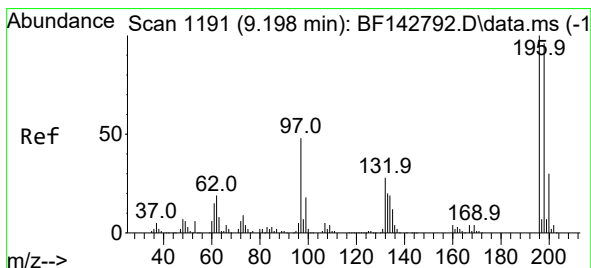
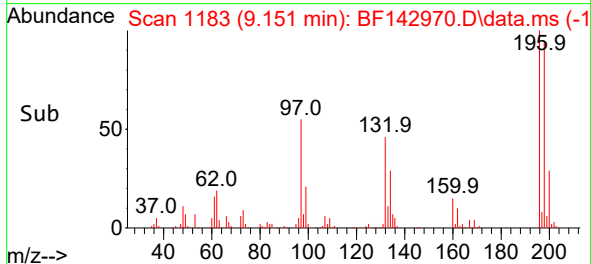
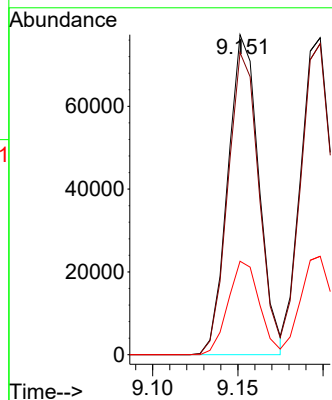
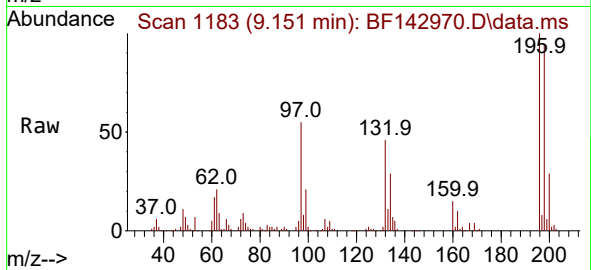
Tgt Ion:196 Resp: 97907

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 29.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.506 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Tgt Ion:196 Resp: 101353

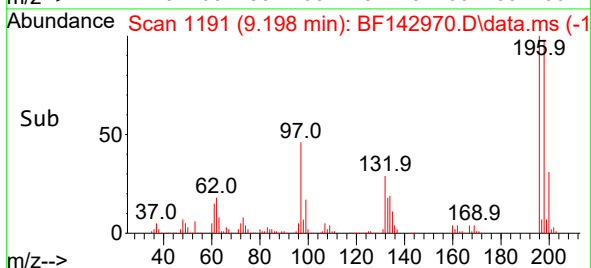
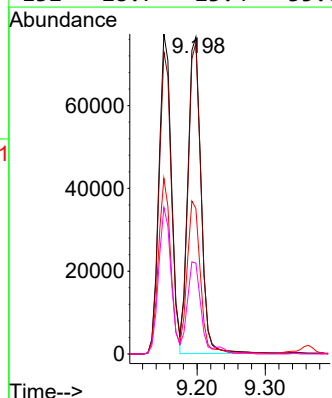
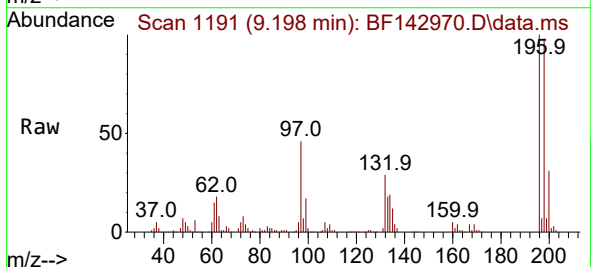
Ion Ratio Lower Upper

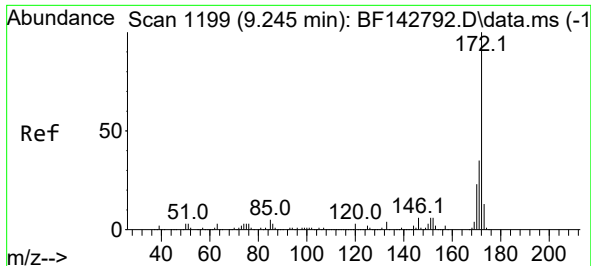
196 100

198 98.1 76.6 115.0

97 45.9 38.2 57.2

132 28.7 23.4 35.0

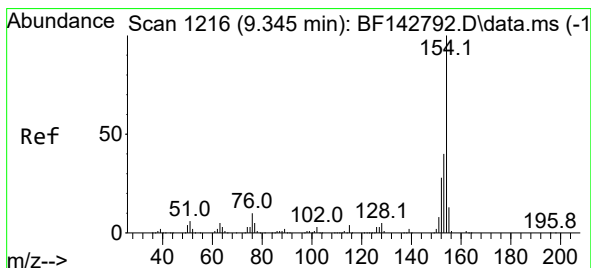
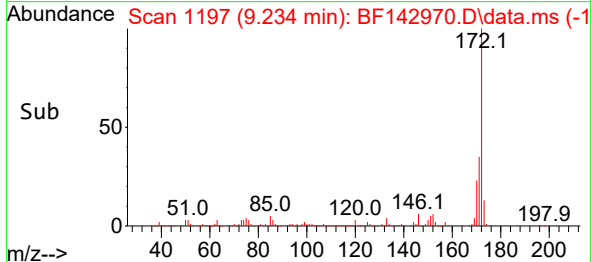
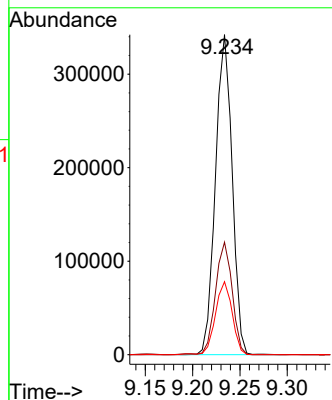
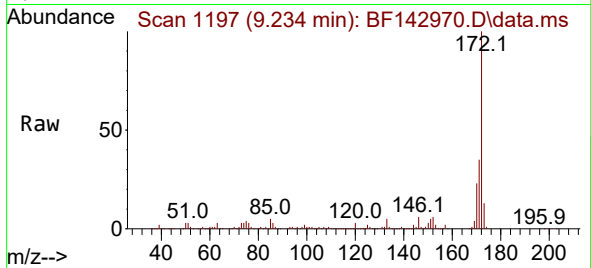




#45
2-Fluorobiphenyl
Concen: 51.075 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

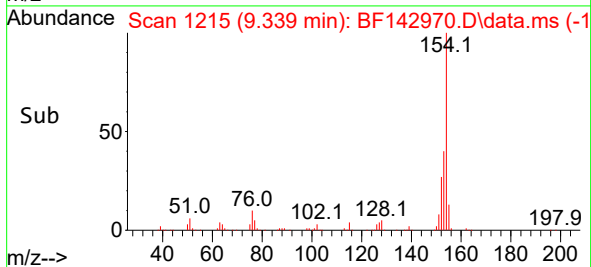
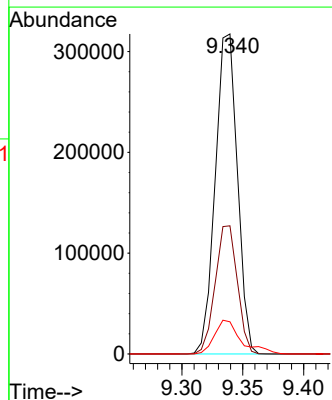
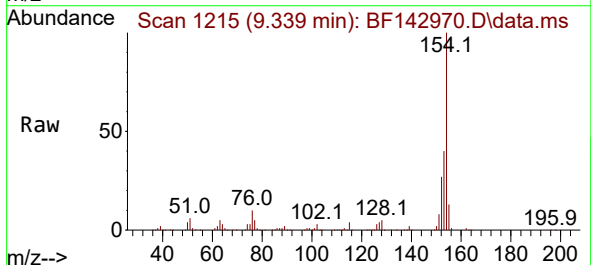
Instrument :
BNA_F
ClientSampleId :
TP-67MS

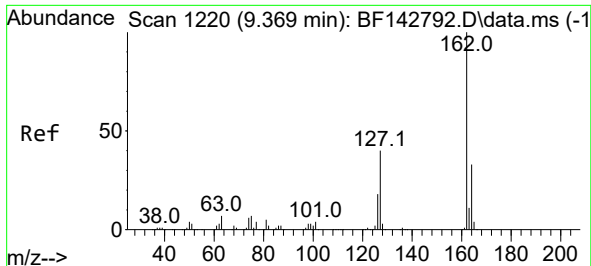
Tgt Ion:172 Resp: 418632
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 47.171 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:154 Resp: 401217
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.0 0.0 30.3





#47

2-Chloronaphthalene

Concen: 47.071 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

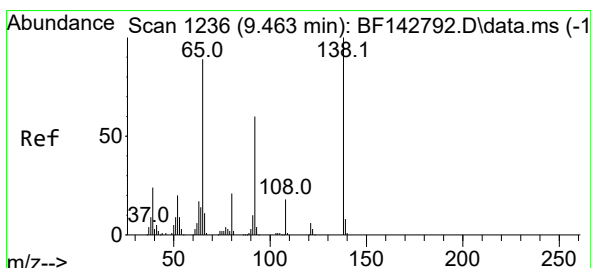
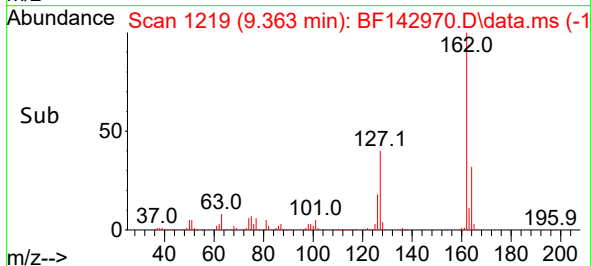
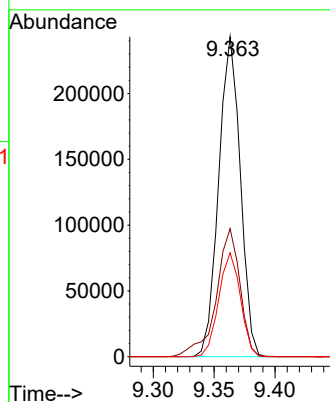
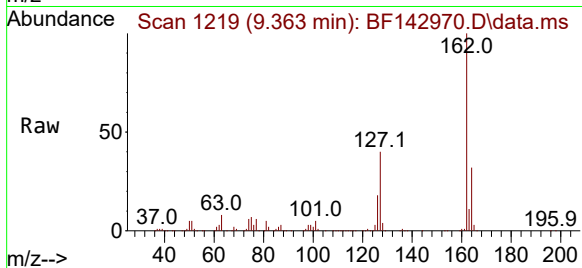
Tgt Ion:162 Resp: 300447

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 49.267 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

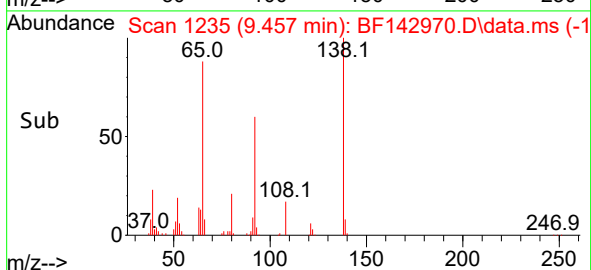
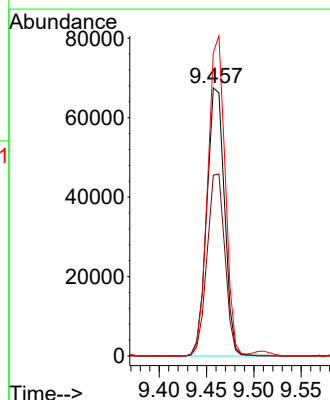
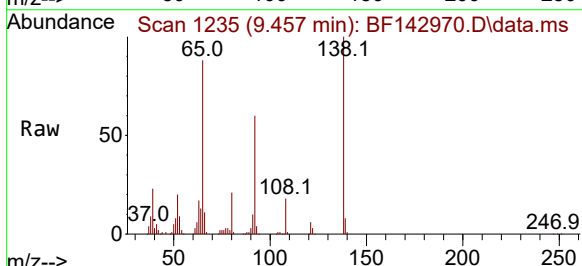
Tgt Ion: 65 Resp: 88162

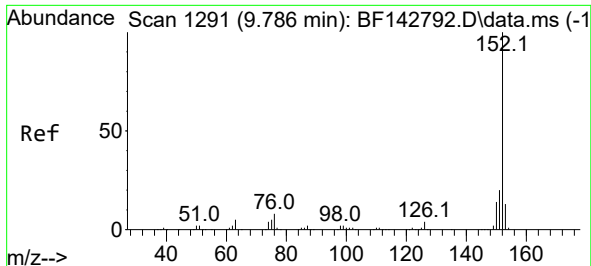
Ion Ratio Lower Upper

65 100

92 67.5 53.8 80.6

138 113.2 89.6 134.4





#49

Acenaphthylene

Concen: 47.188 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142970.D

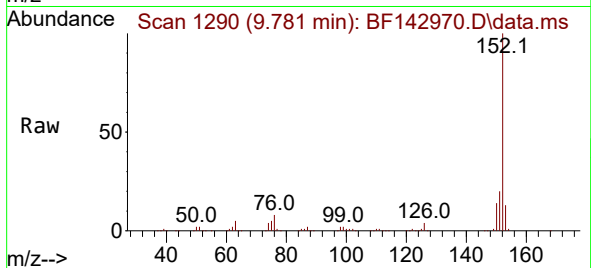
Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

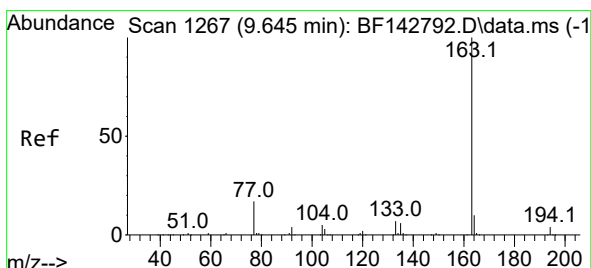
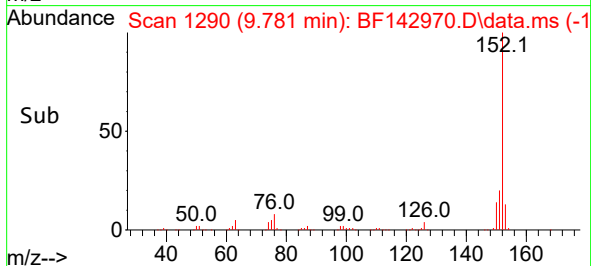
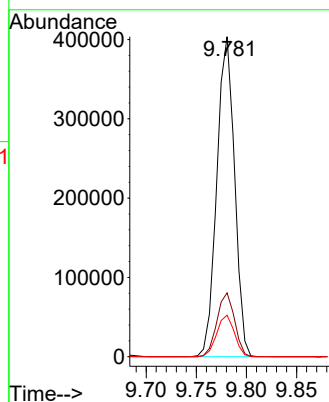
ClientSampleId :

TP-67MS



Tgt Ion:152 Resp: 495833

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	12.9	10.4	15.6



#50

Dimethylphthalate

Concen: 49.438 ng

RT: 9.639 min Scan# 1266

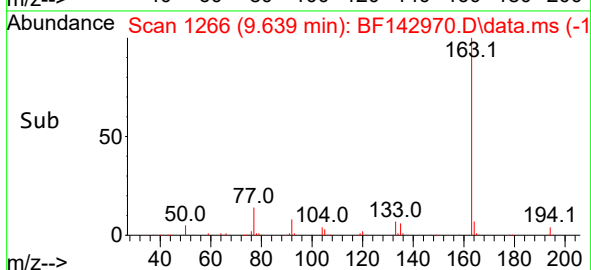
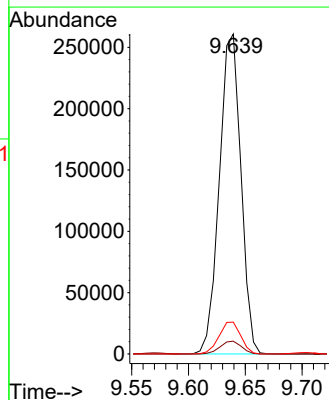
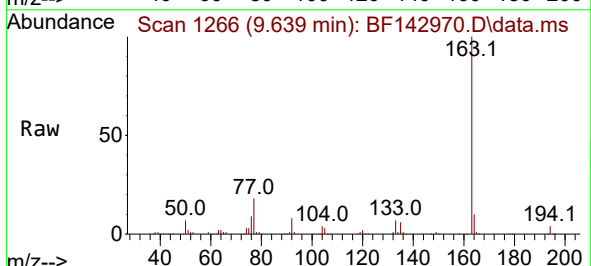
Delta R.T. -0.006 min

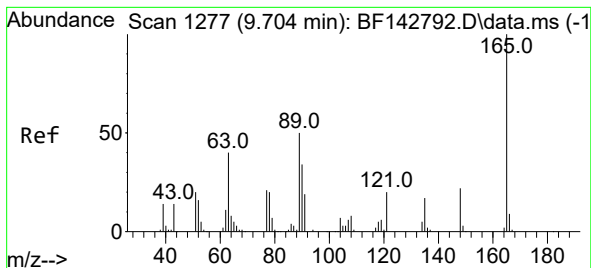
Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Tgt Ion:163 Resp: 344572

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.0	12.0

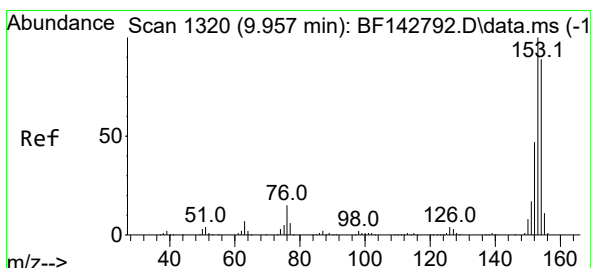
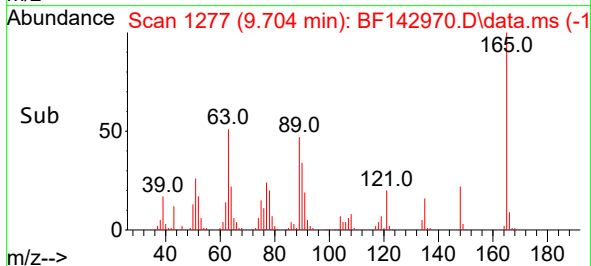
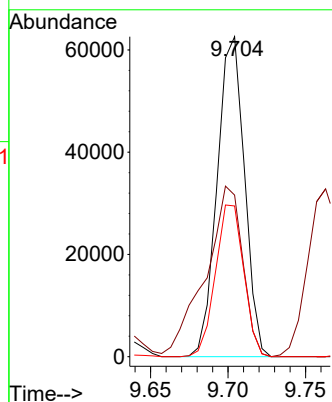
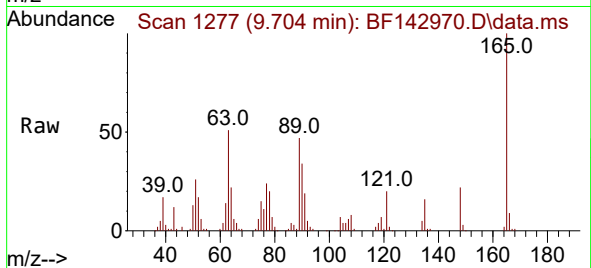




#51
2,6-Dinitrotoluene
Concen: 50.204 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

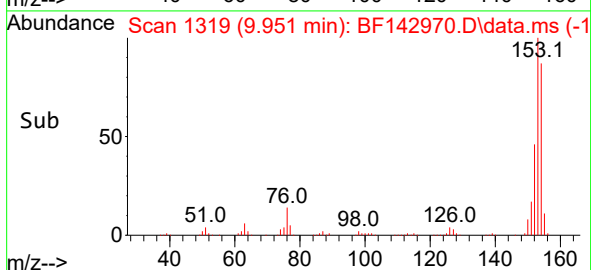
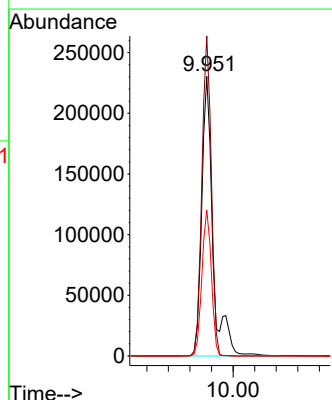
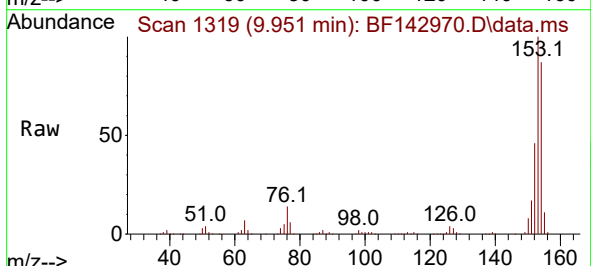
Instrument :
BNA_F
ClientSampleId :
TP-67MS

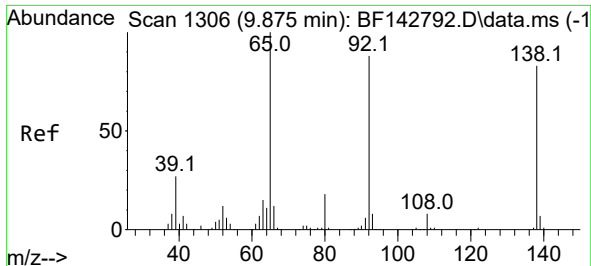
Tgt Ion:165 Resp: 76844
Ion Ratio Lower Upper
165 100
63 50.5 44.2 66.4
89 47.1 39.8 59.8



#52
Acenaphthene
Concen: 51.542 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:154 Resp: 330431
Ion Ratio Lower Upper
154 100
153 114.5 90.0 135.0
152 52.3 41.9 62.9

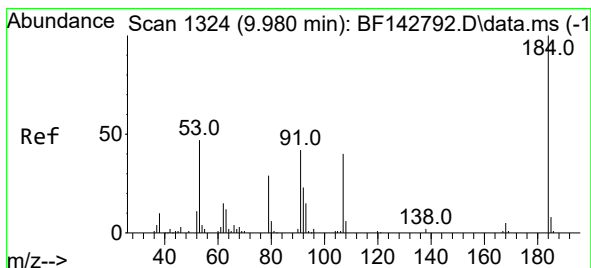
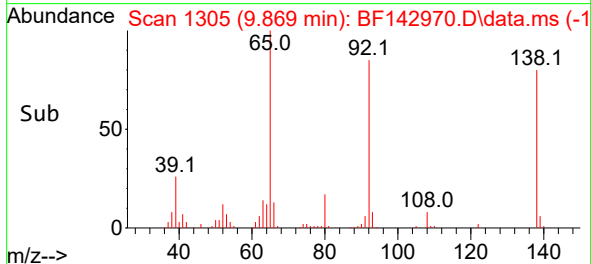
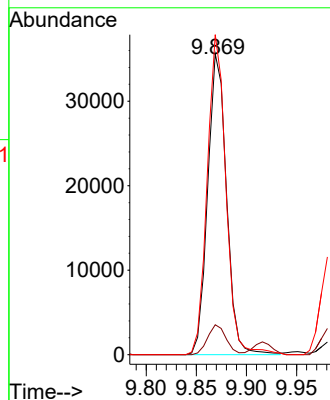
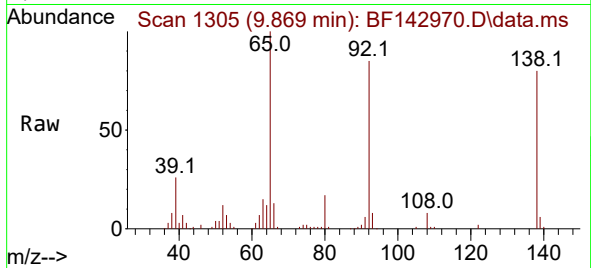




#53
3-Nitroaniline
Concen: 27.654 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

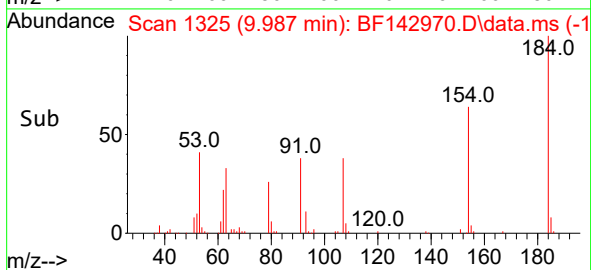
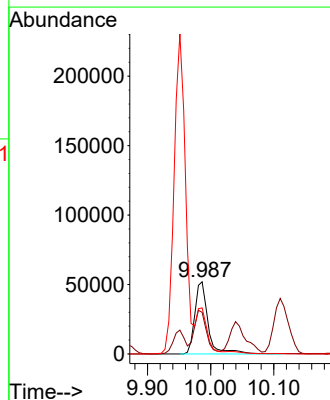
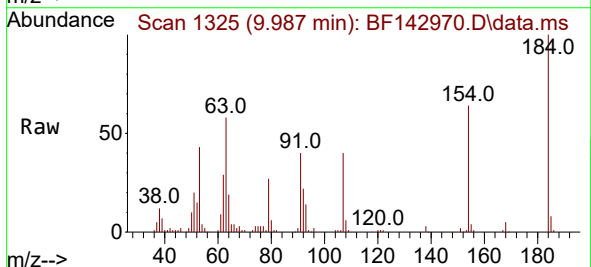
Instrument :
BNA_F
ClientSampleId :
TP-67MS

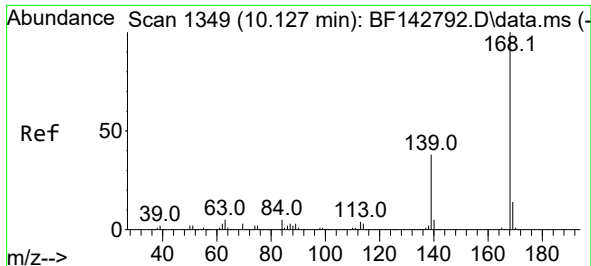
Tgt Ion:138 Resp: 46603
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 99.655 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:184 Resp: 76377
Ion Ratio Lower Upper
184 100
63 57.6 50.6 75.8
154 63.8 51.8 77.8

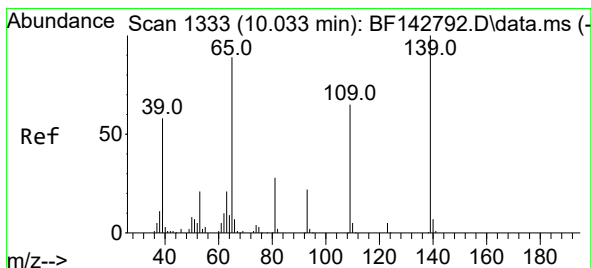
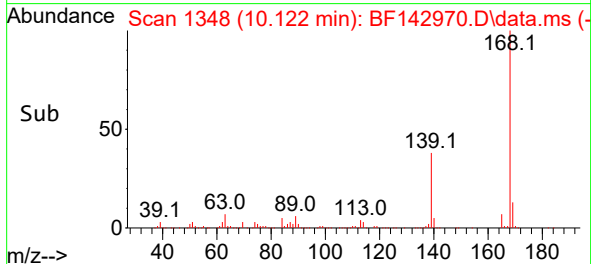
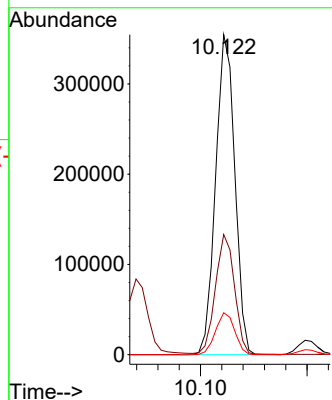
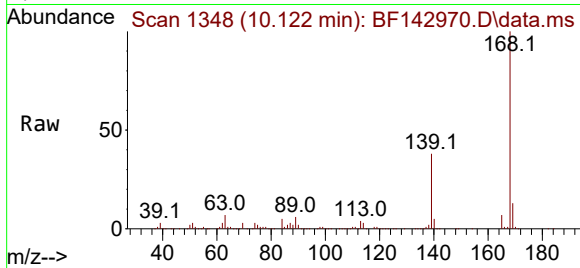




#55
Dibenzenofuran
Concen: 48.225 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

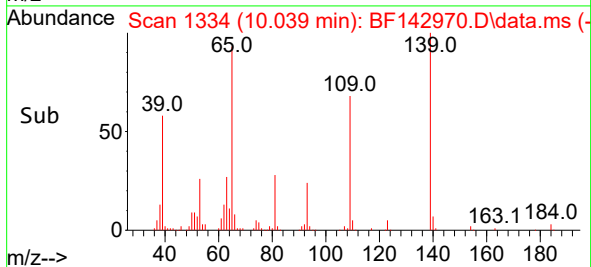
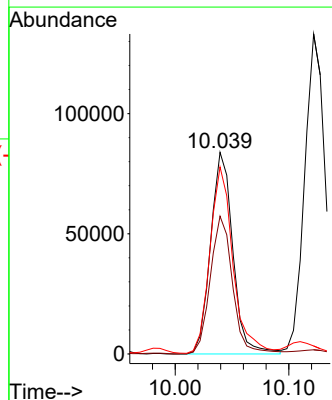
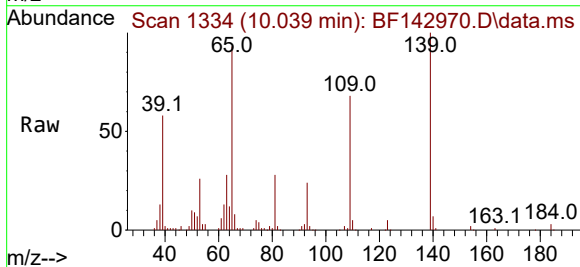
Instrument :
BNA_F
ClientSampleId :
TP-67MS

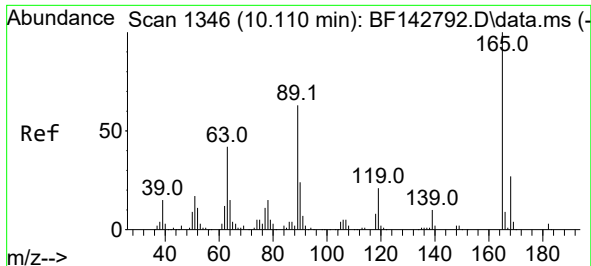
Tgt Ion:168 Resp: 443336
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 99.242 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

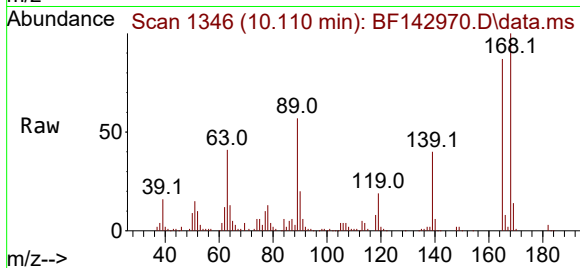
Tgt Ion:139 Resp: 114497
Ion Ratio Lower Upper
139 100
109 68.4 44.7 84.7
65 92.8 69.8 109.8



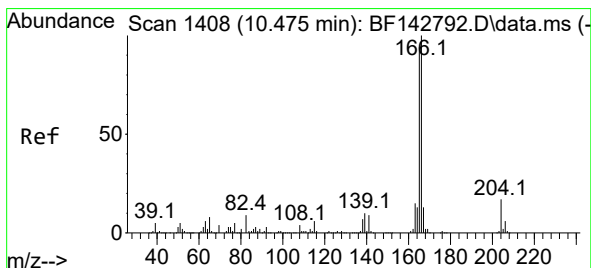
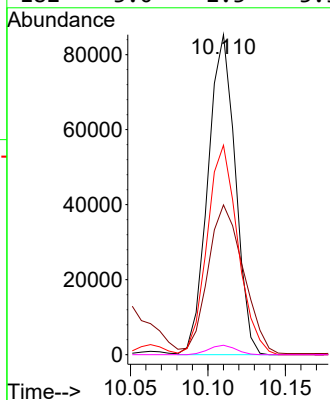
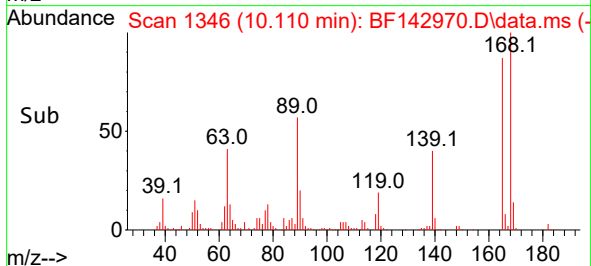


#57
2,4-Dinitrotoluene
Concen: 51.617 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

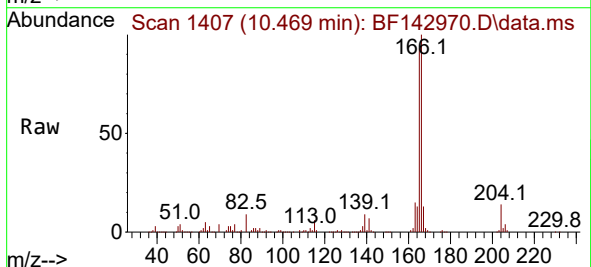
Instrument :
BNA_F
ClientSampleId :
TP-67MS



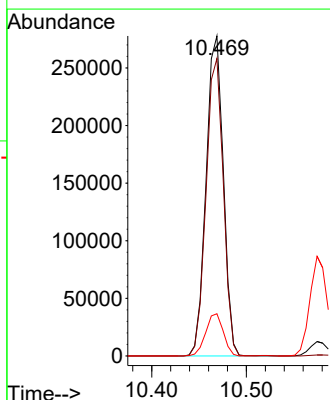
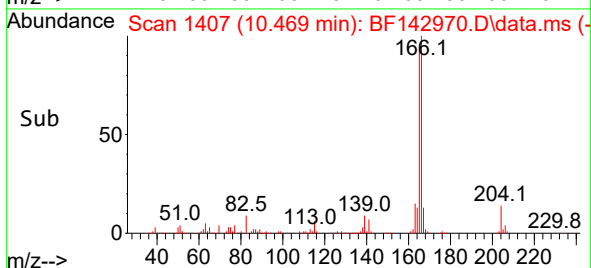
Tgt Ion:165 Resp: 104944
Ion Ratio Lower Upper
165 100
63 46.8 33.9 50.9
89 65.4 50.6 75.8
182 3.0 2.3 3.5

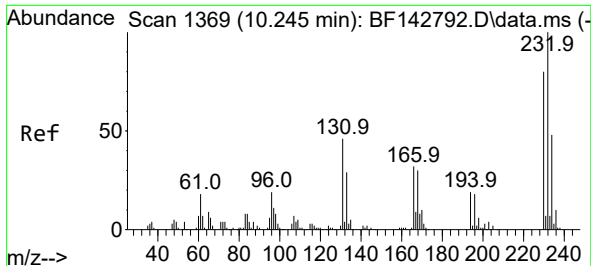


#58
Fluorene
Concen: 48.915 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47



Tgt Ion:166 Resp: 351193
Ion Ratio Lower Upper
166 100
165 93.0 75.2 112.8
167 13.2 10.6 15.8

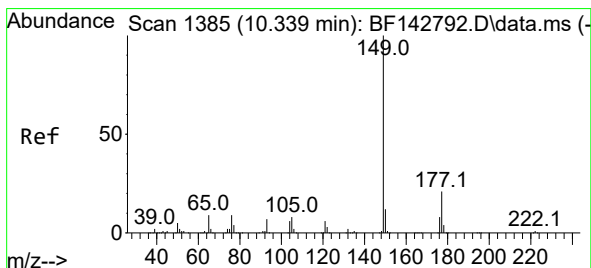
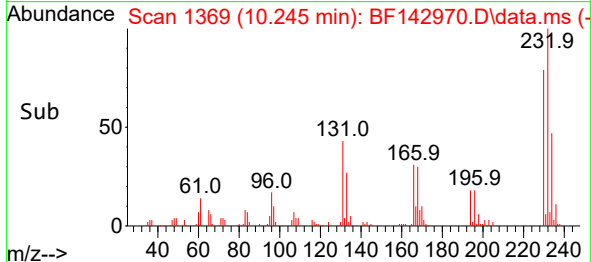
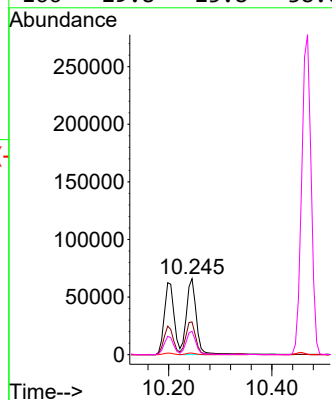
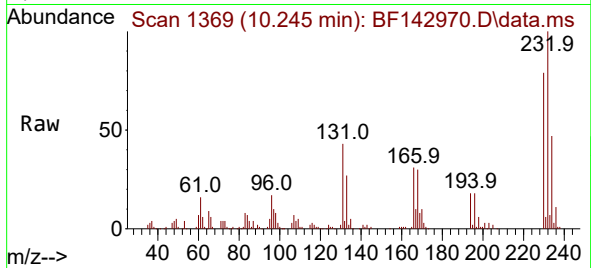




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.883 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

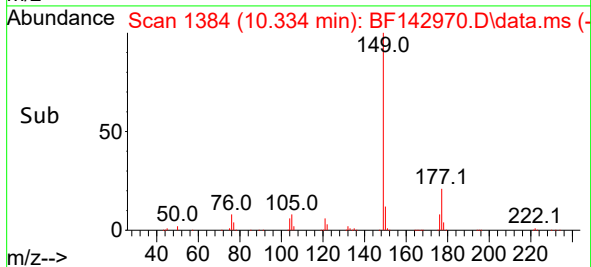
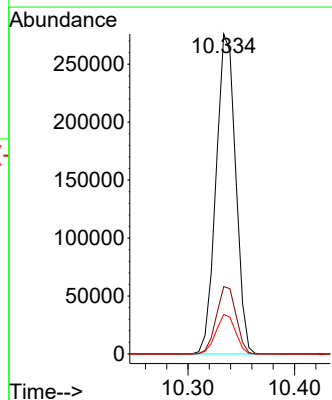
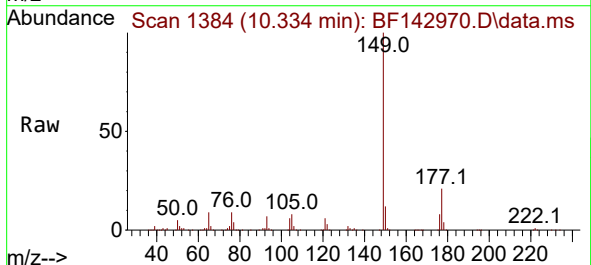
Instrument :
BNA_F
ClientSampleId :
TP-67MS

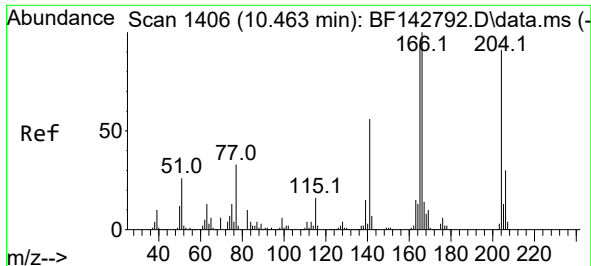
Tgt Ion:232 Resp: 87628
Ion Ratio Lower Upper
232 100
131 42.7 37.6 56.4
130 2.1 1.7 2.5
166 29.8 25.8 38.6



#60
Diethylphthalate
Concen: 51.659 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 353027
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.3 9.8 14.6

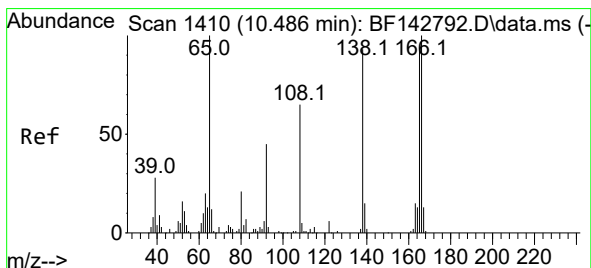
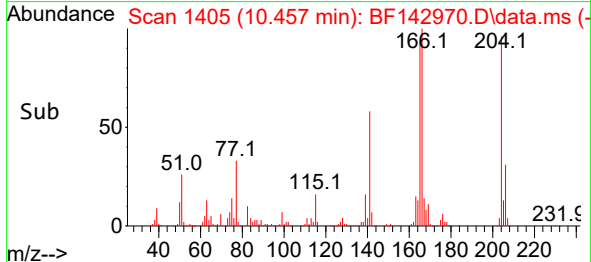
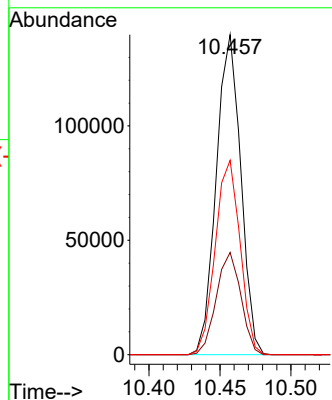
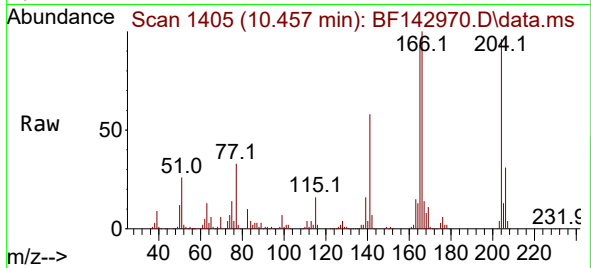




#61
4-Chlorophenyl-phenylether
Concen: 49.041 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

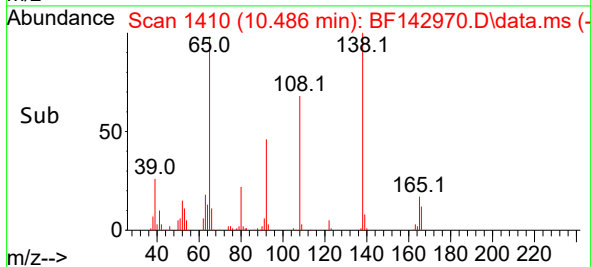
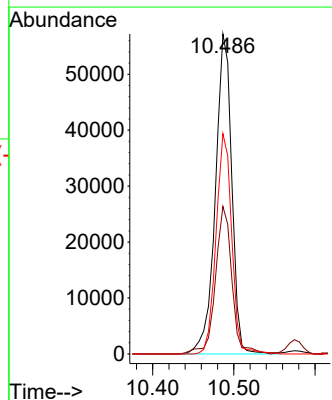
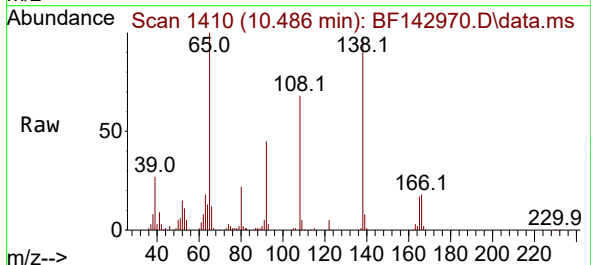
Instrument :
BNA_F
ClientSampleId :
TP-67MS

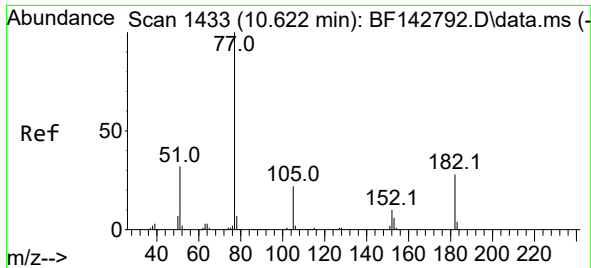
Tgt Ion:204 Resp: 168016
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 60.7 49.1 73.7



#62
4-Nitroaniline
Concen: 52.153 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:138 Resp: 80381
Ion Ratio Lower Upper
138 100
92 46.1 28.4 68.4
108 68.9 50.2 90.2

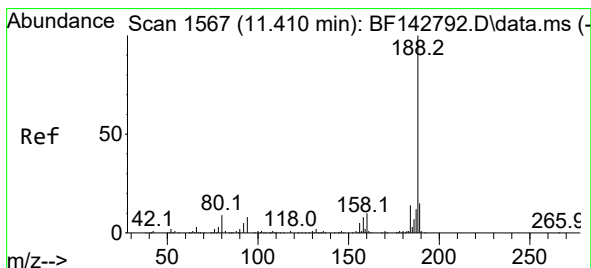
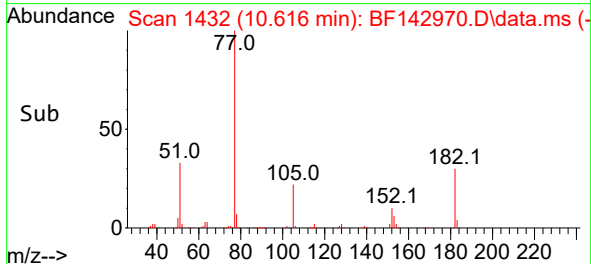
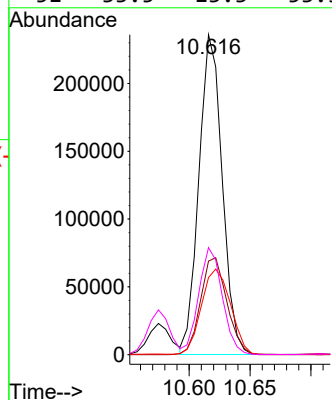
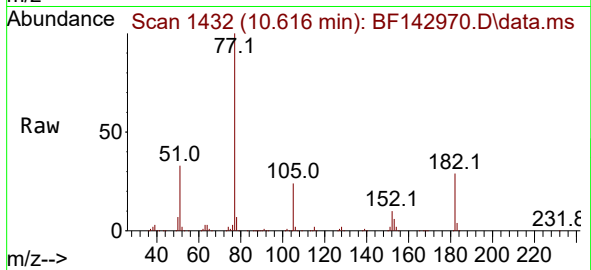




#63
Azobenzene
Concen: 51.503 ng
RT: 10.616 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

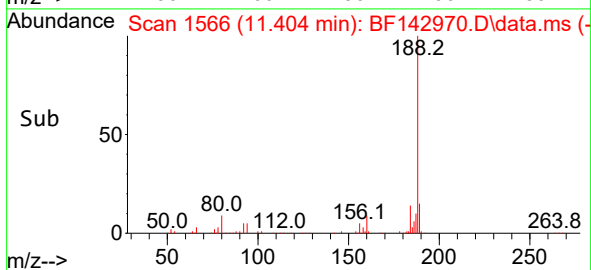
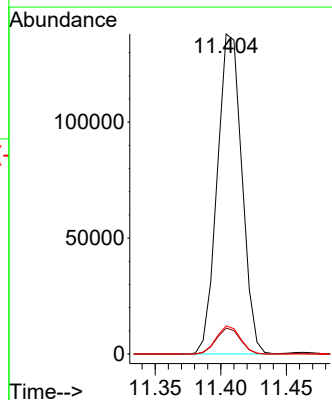
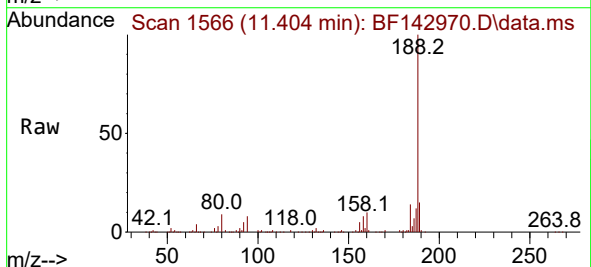
Instrument :
BNA_F
ClientSampleId :
TP-67MS

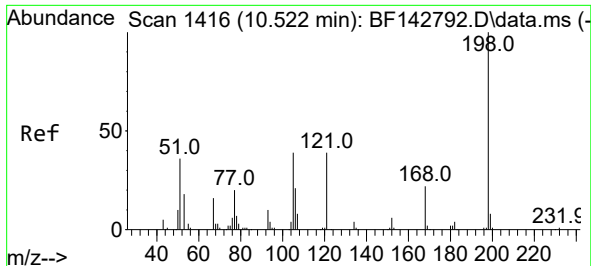
Tgt Ion:	77	Resp:	314566
Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	24.1	1.9	41.9
51	33.5	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:	188	Resp:	180519
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.8	6.9	10.3

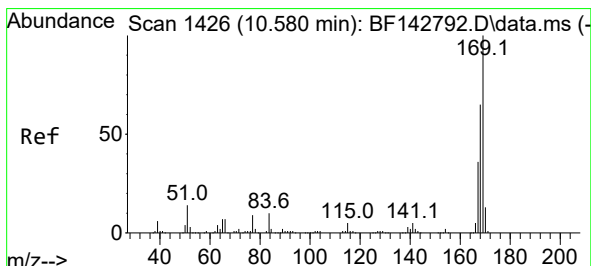
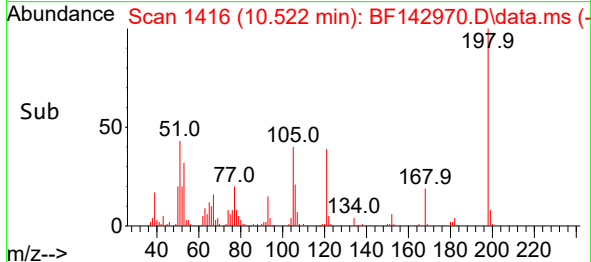
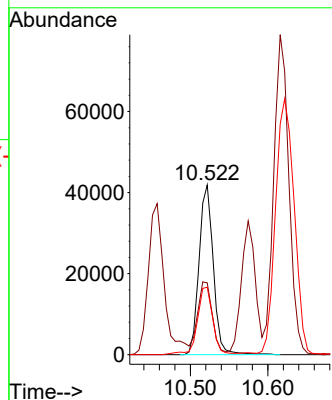
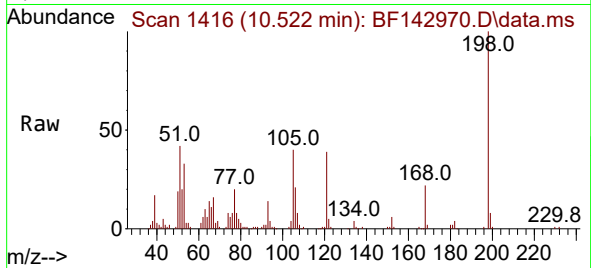




#65
4,6-Dinitro-2-methylphenol
Concen: 49.058 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

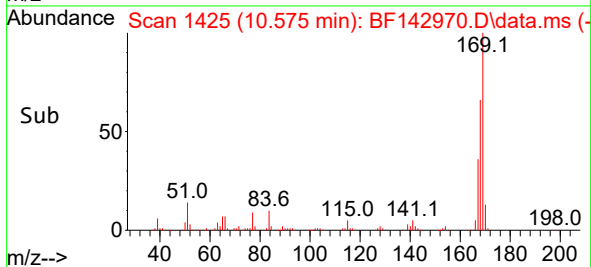
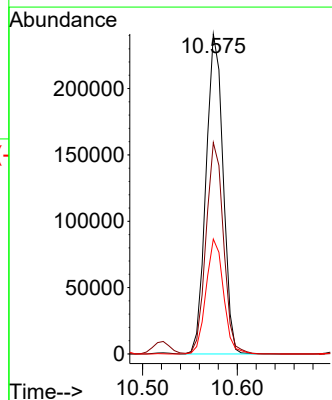
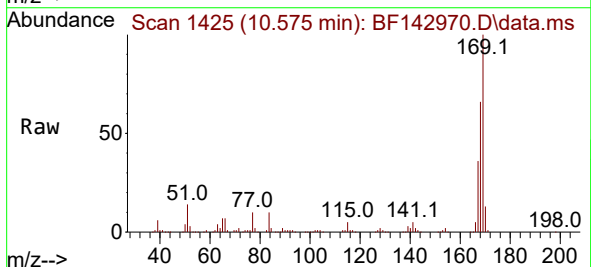
Instrument :
BNA_F
ClientSampleId :
TP-67MS

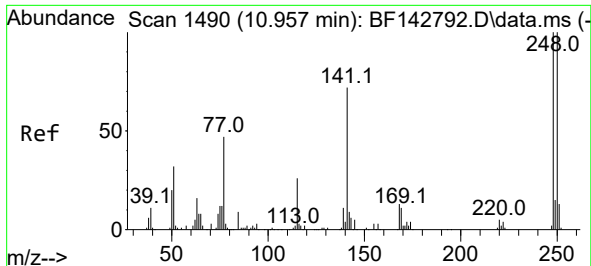
Tgt Ion:198 Resp: 53566
Ion Ratio Lower Upper
198 100
51 42.3 25.4 65.4
105 39.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 48.057 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:169 Resp: 300659
Ion Ratio Lower Upper
169 100
168 66.0 51.9 77.9
167 35.9 28.5 42.7

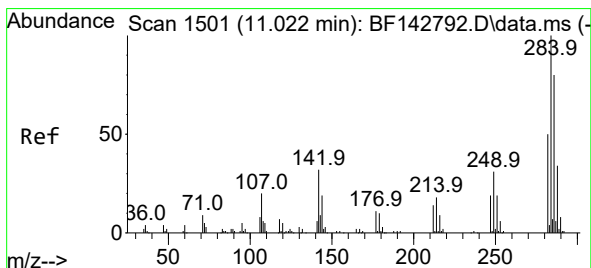
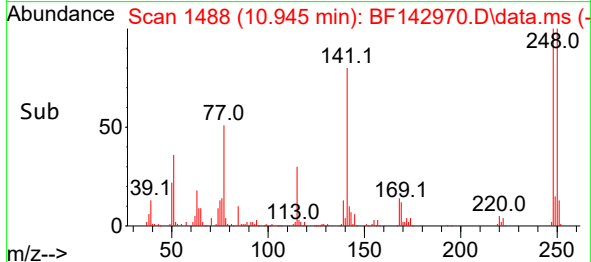
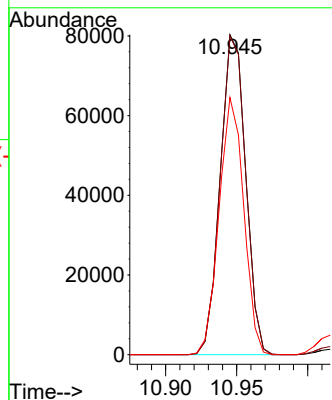
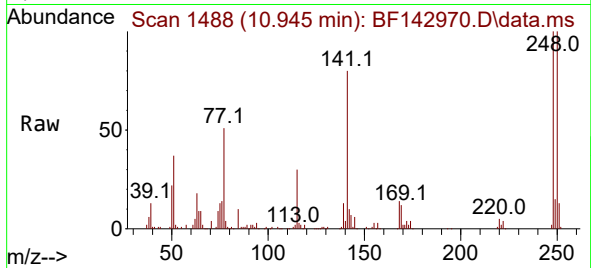




#67
4-Bromophenyl-phenylether
Concen: 48.667 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

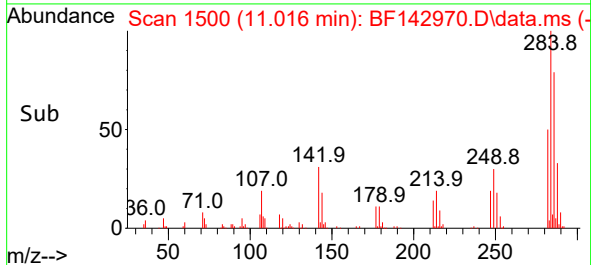
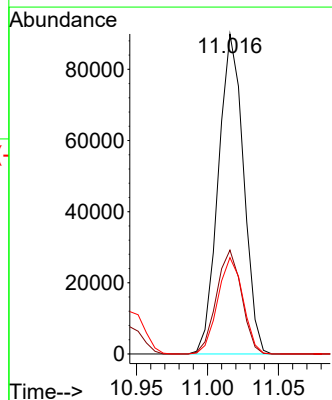
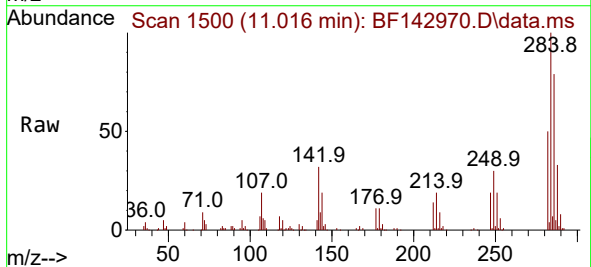
Instrument :
BNA_F
ClientSampleId :
TP-67MS

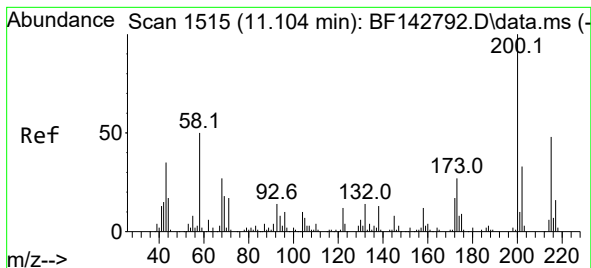
Tgt Ion:248 Resp: 99985
Ion Ratio Lower Upper
248 100
250 99.6 79.8 119.8
141 80.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 48.651 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:284 Resp: 111064
Ion Ratio Lower Upper
284 100
142 32.4 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 57.059 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

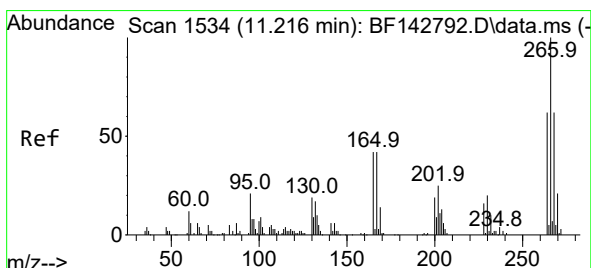
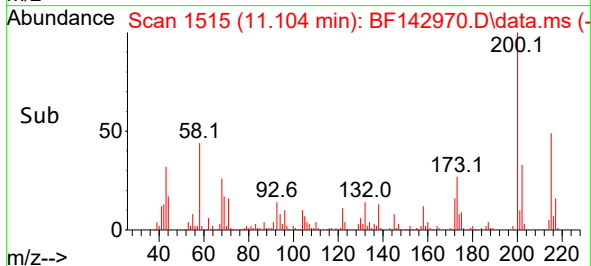
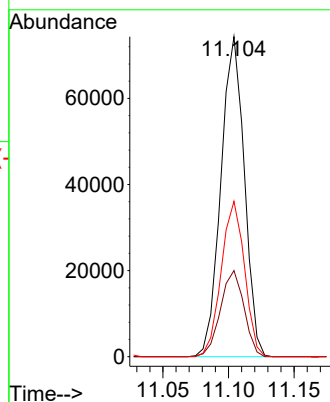
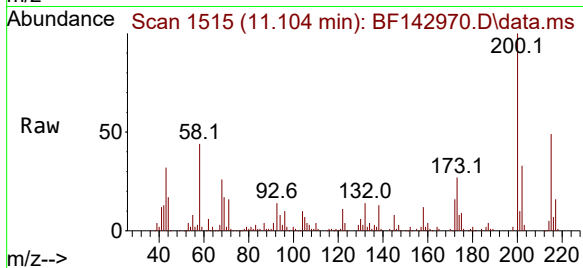
Tgt Ion:200 Resp: 92183

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 48.5 28.4 68.4



#70

Pentachlorophenol

Concen: 92.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

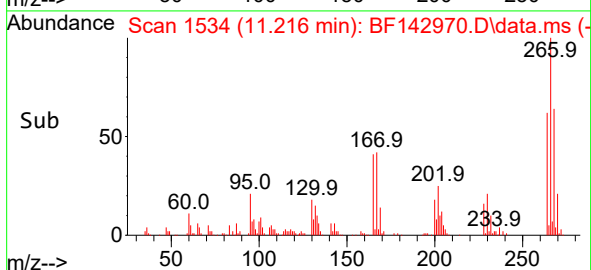
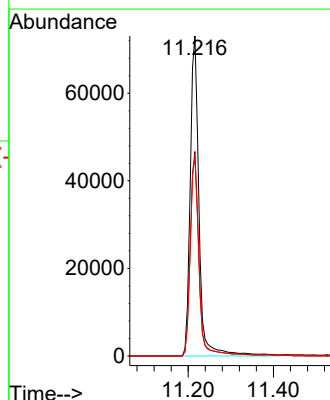
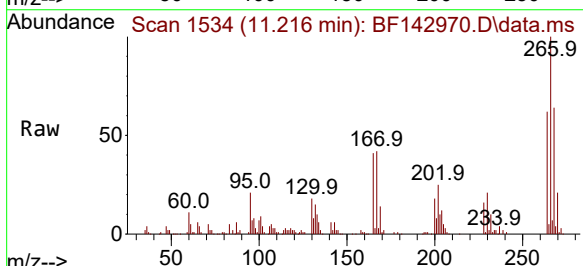
Tgt Ion:266 Resp: 105094

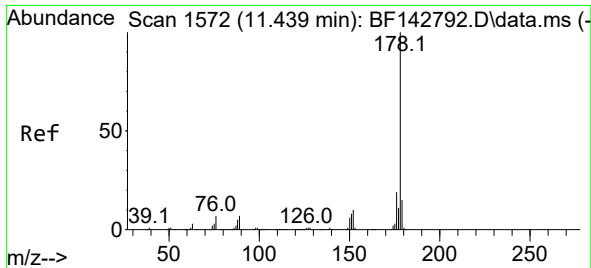
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.8

264 62.2 49.9 74.9

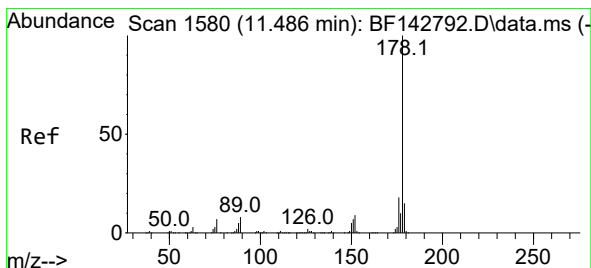
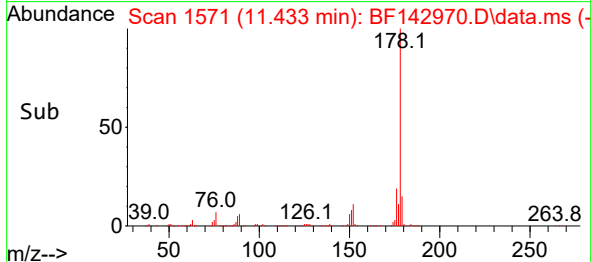
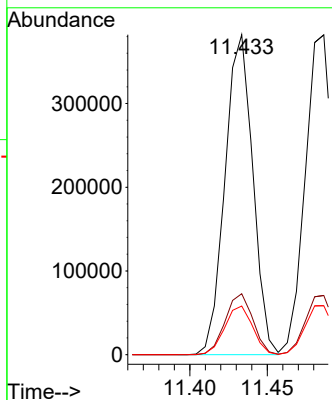
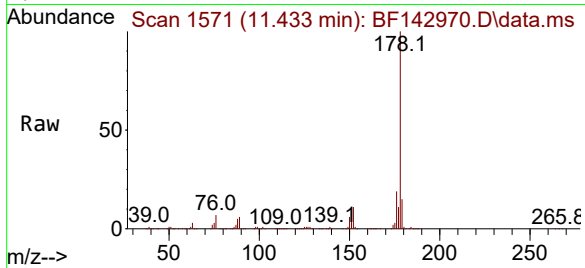




#71
Phenanthrene
Concen: 48.839 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

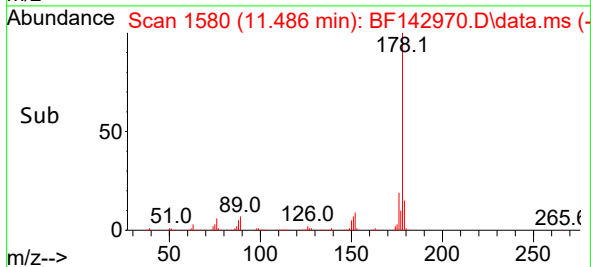
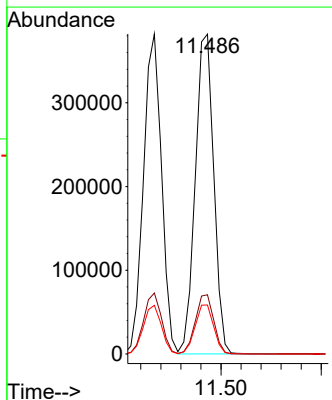
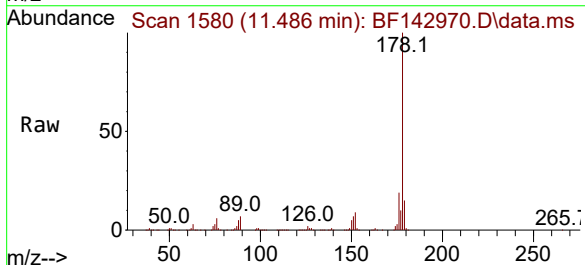
Instrument :
BNA_F
ClientSampleId :
TP-67MS

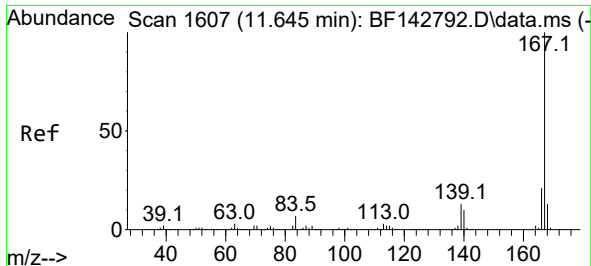
Tgt Ion:178 Resp: 477581
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 48.768 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

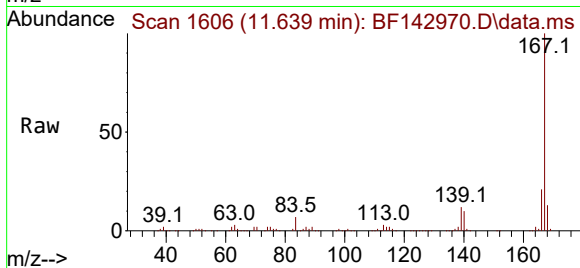
Tgt Ion:178 Resp: 489090
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.3 12.4 18.6



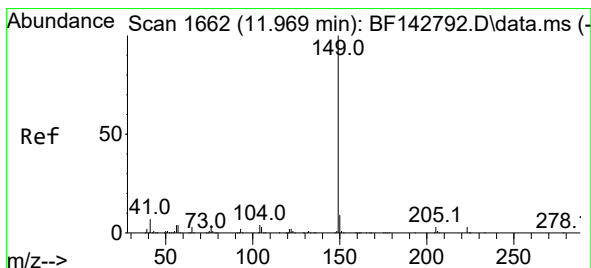
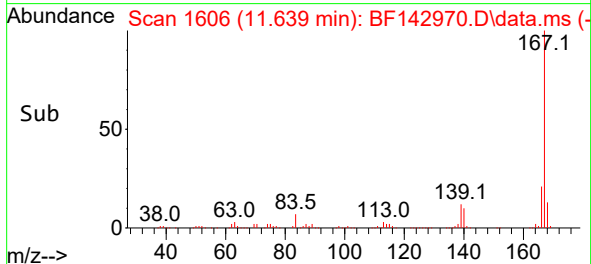
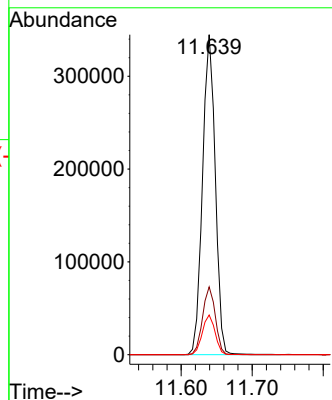


#73
Carbazole
Concen: 49.887 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-67MS

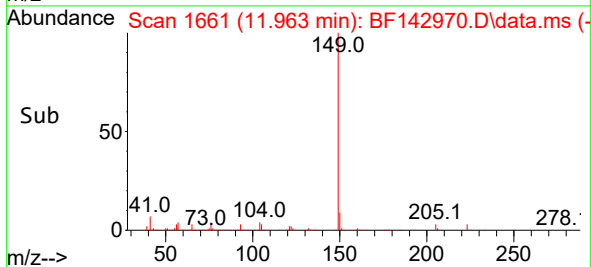
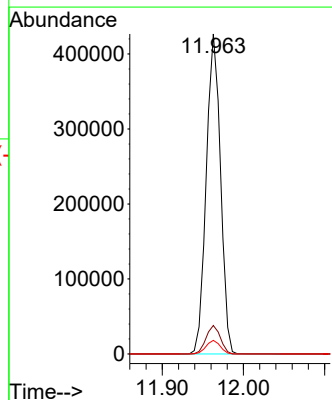
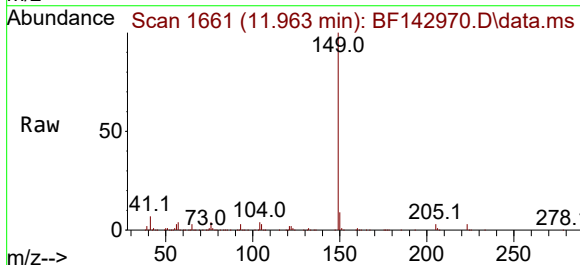


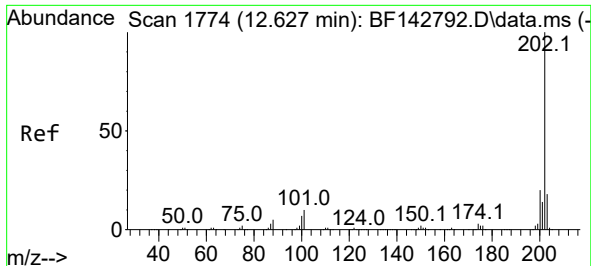
Tgt Ion:167 Resp: 431756
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.4 10.2 15.2



#74
Di-n-butylphthalate
Concen: 57.554 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 518905
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.3 3.5 5.3

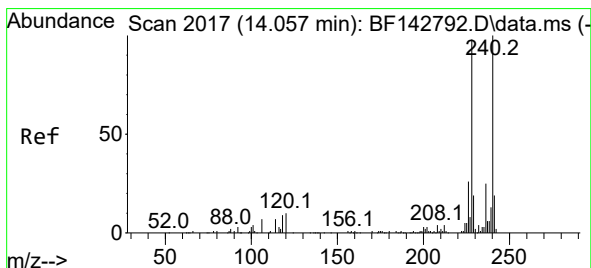
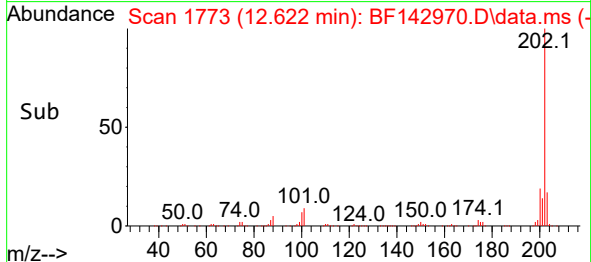
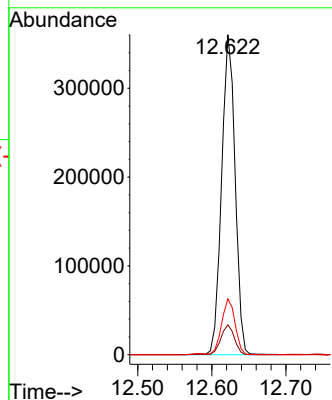
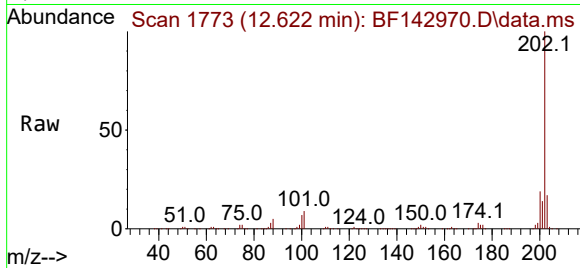




#75
Fluoranthene
Concen: 49.186 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

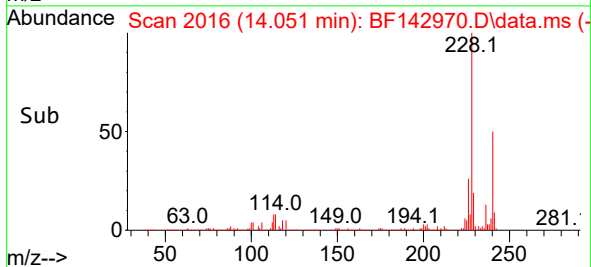
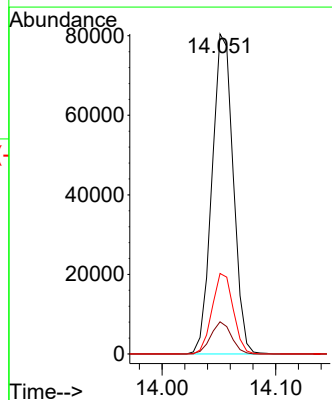
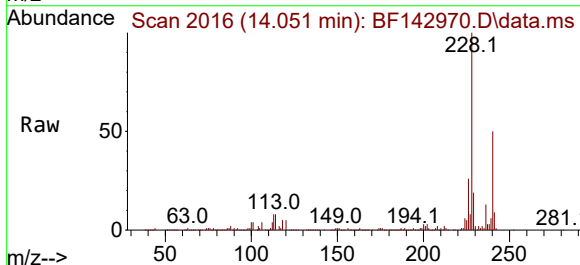
Instrument :
BNA_F
ClientSampleId :
TP-67MS

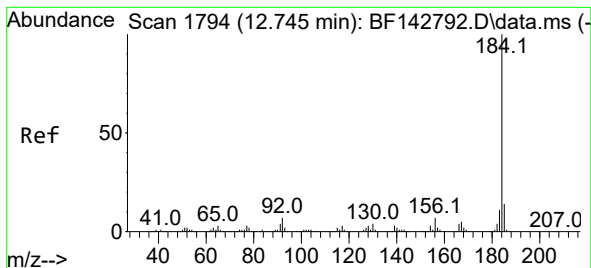
Tgt Ion:202 Resp: 456472
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:240 Resp: 104217
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 30.706 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

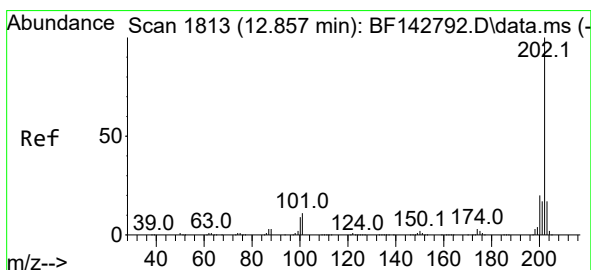
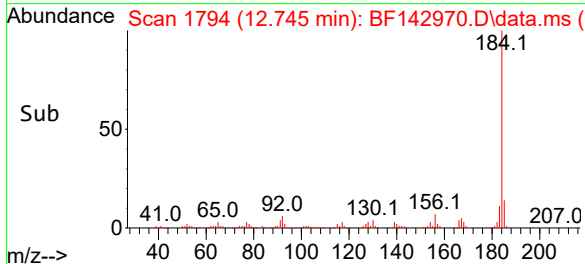
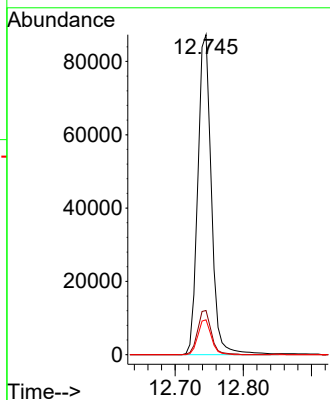
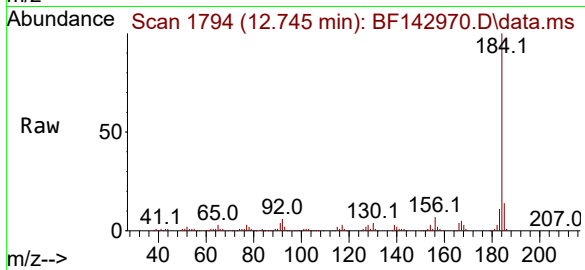
Tgt Ion:184 Resp: 120231

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 10.9 9.0 13.4



#78

Pyrene

Concen: 45.717 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

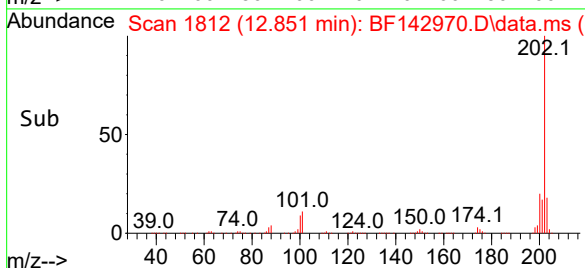
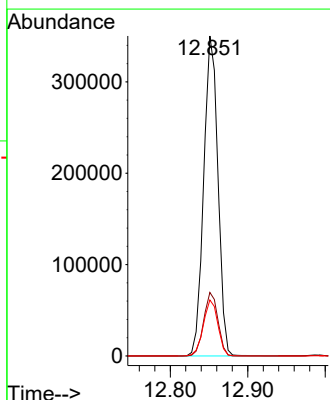
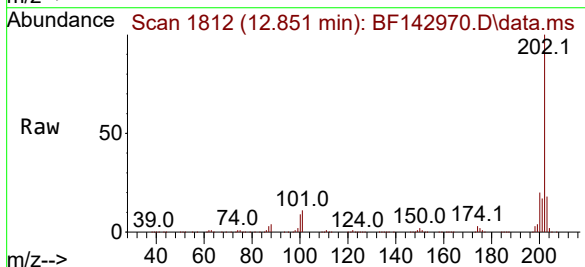
Tgt Ion:202 Resp: 446599

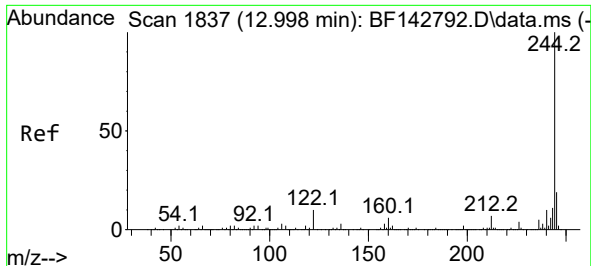
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.5 13.8 20.6

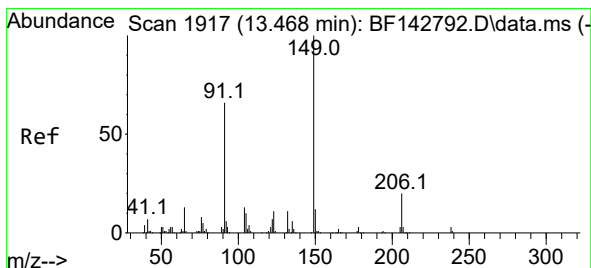
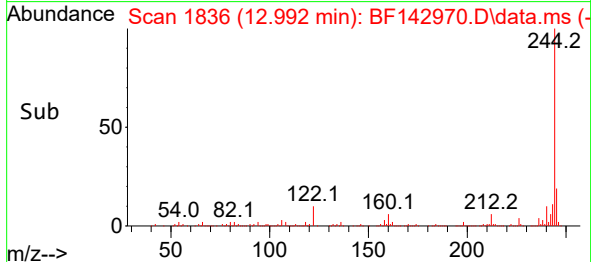
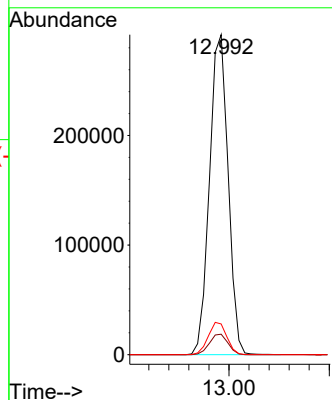
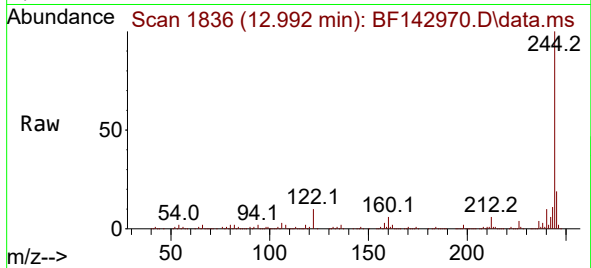




#79
 Terphenyl-d14
 Concen: 50.027 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

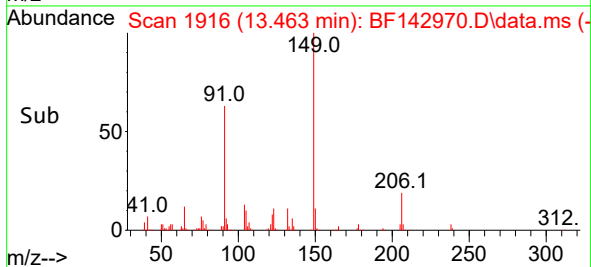
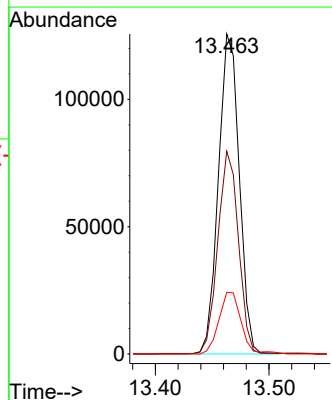
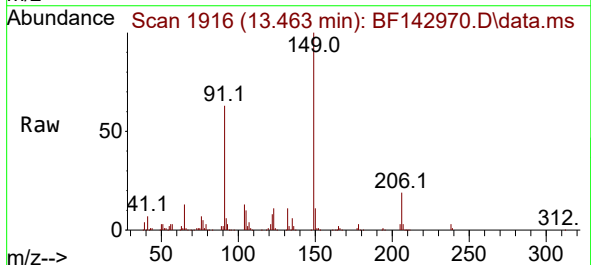
Instrument :
 BNA_F
 ClientSampleId :
 TP-67MS

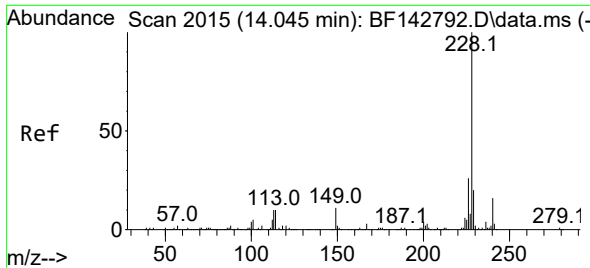
Tgt Ion:244 Resp: 377340
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 56.593 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

Tgt Ion:149 Resp: 160365
 Ion Ratio Lower Upper
 149 100
 91 63.4 52.9 79.3
 206 19.2 16.3 24.5

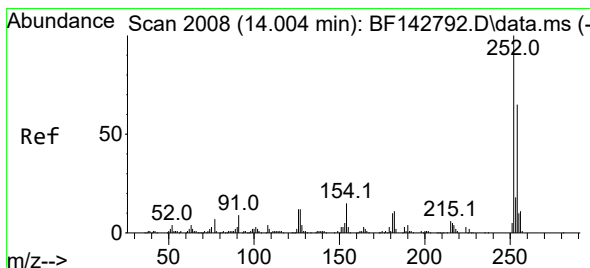
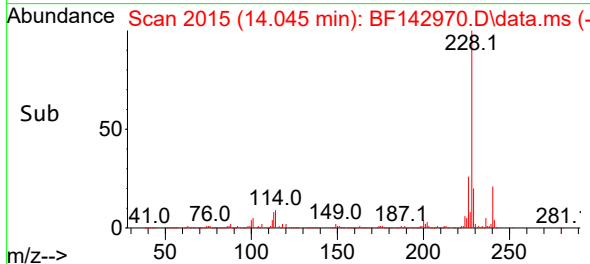
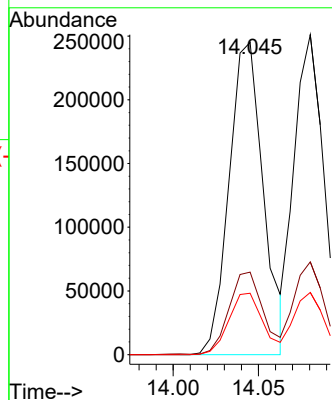
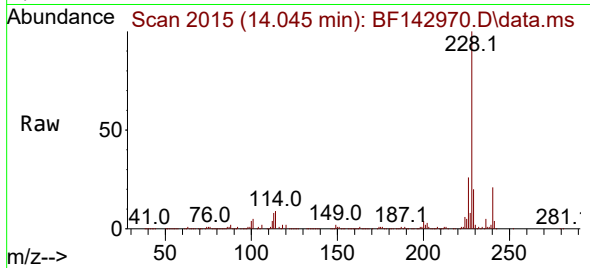




#81
Benzo(a)anthracene
Concen: 48.756 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

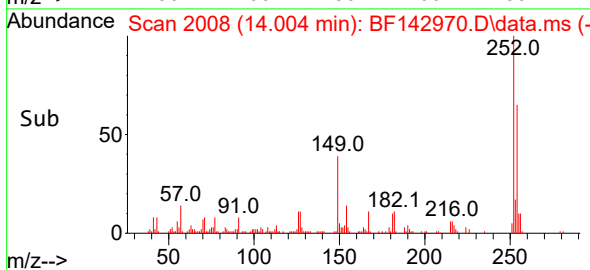
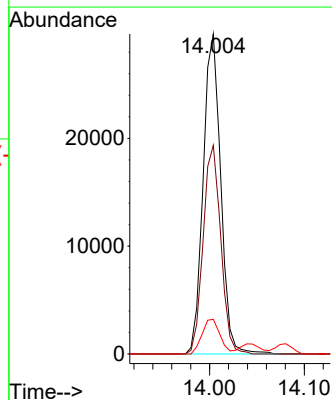
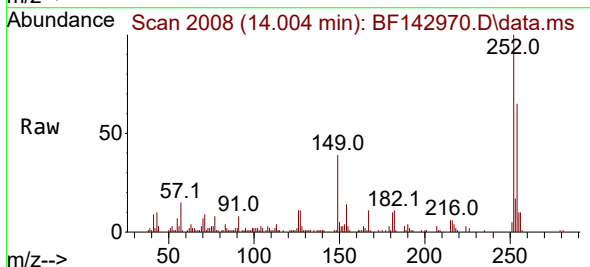
Instrument :
BNA_F
ClientSampleId :
TP-67MS

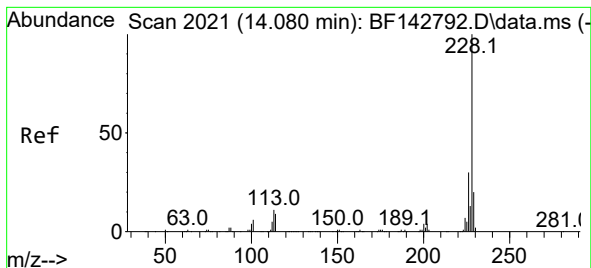
Tgt Ion:228 Resp: 342784
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 16.796 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:252 Resp: 38302
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 10.8 9.4 14.2





#83

Chrysene

Concen: 48.447 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

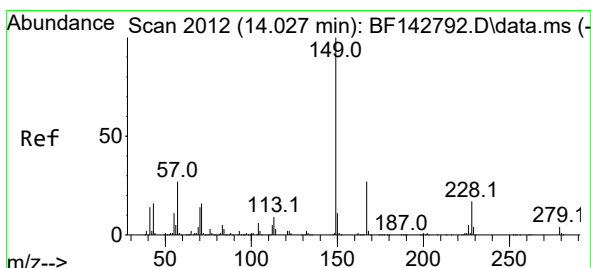
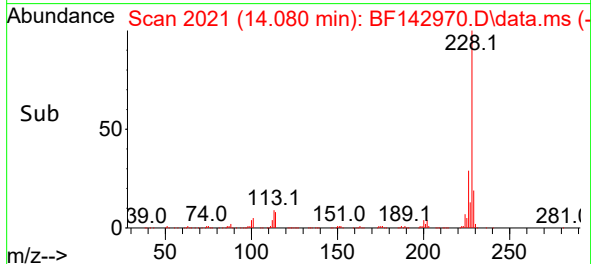
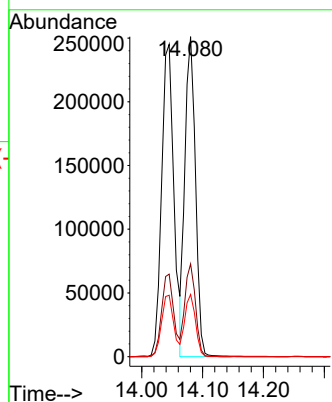
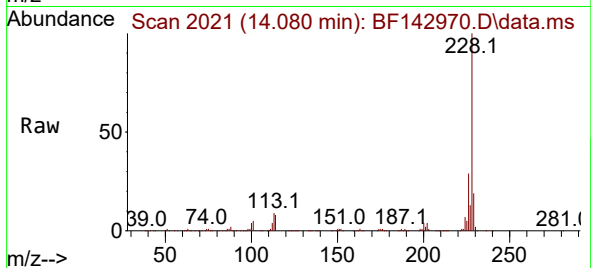
Tgt Ion:228 Resp: 303931

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.284 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

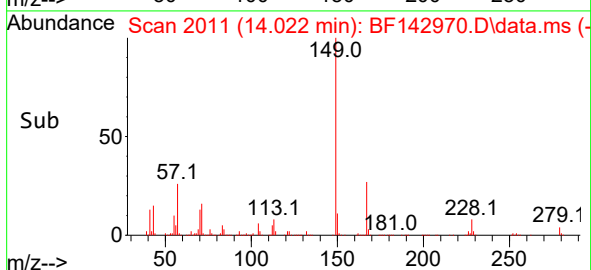
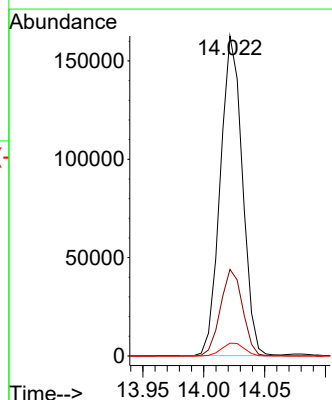
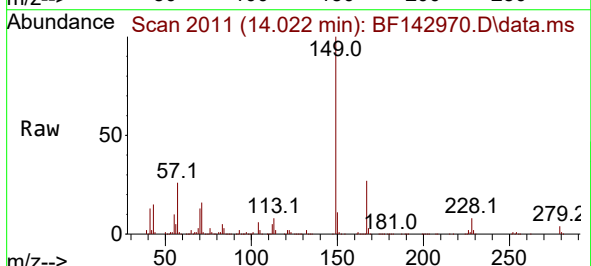
Tgt Ion:149 Resp: 205005

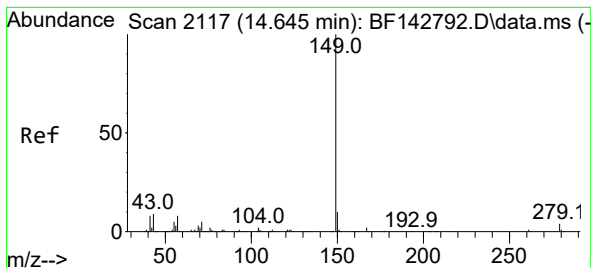
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.295 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

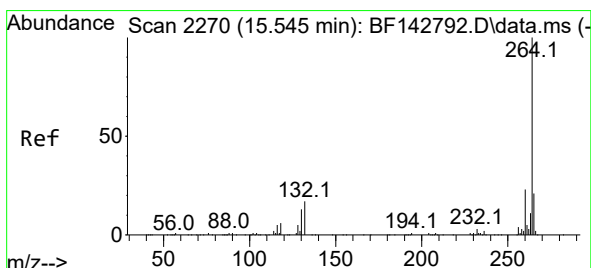
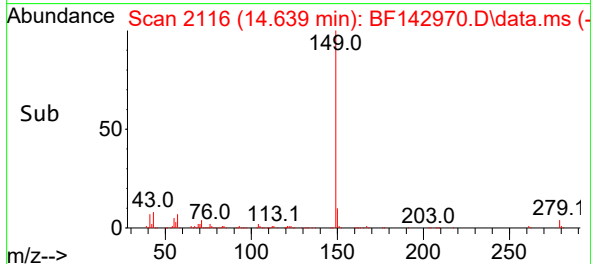
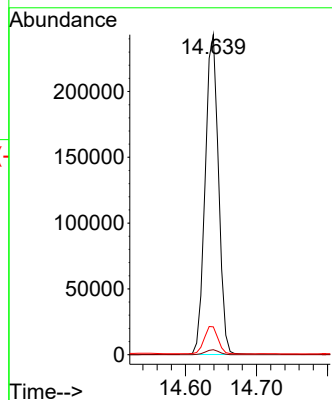
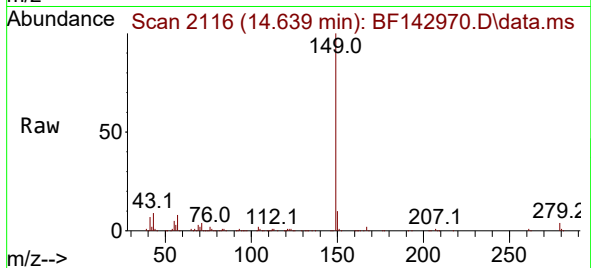
Tgt Ion:149 Resp: 317463

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 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: BF142970.D

Acq: 02 Jul 2025 14:47

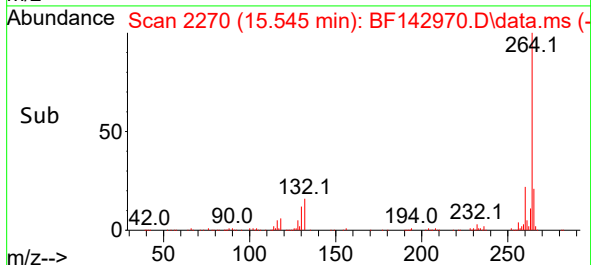
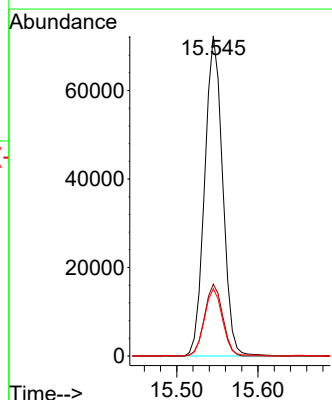
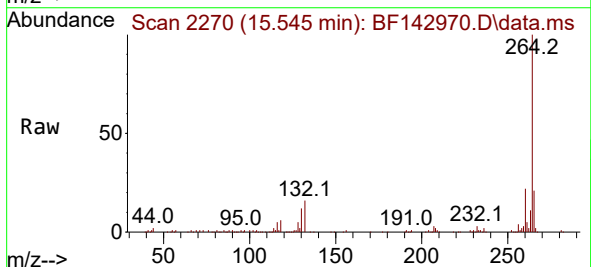
Tgt Ion:264 Resp: 110887

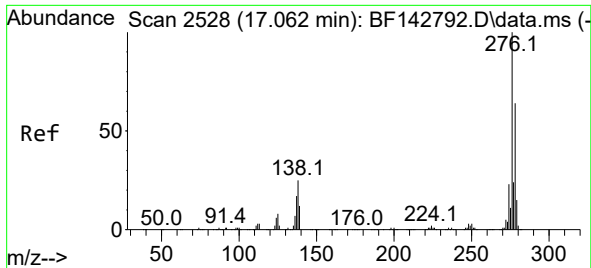
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

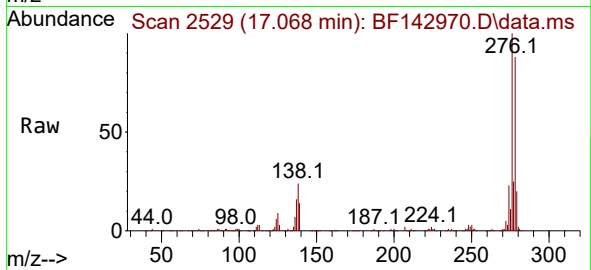
265 21.0 16.6 25.0



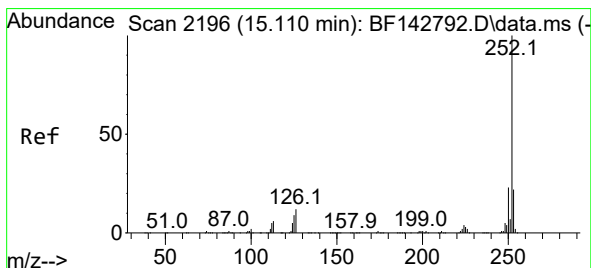
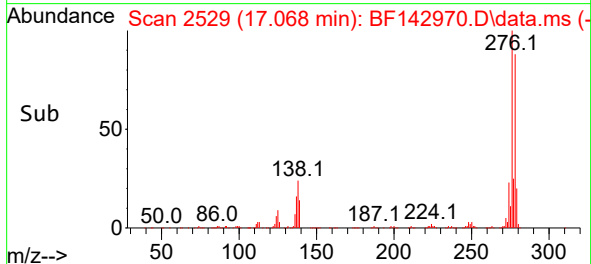
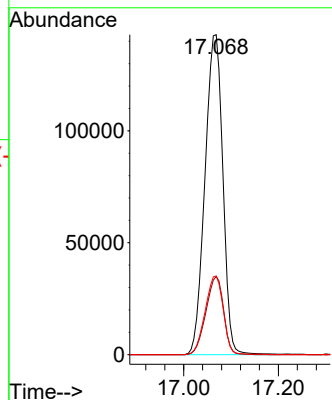


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.359 ng
 RT: 17.068 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-67MS

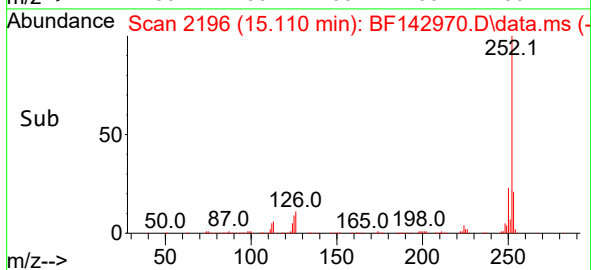
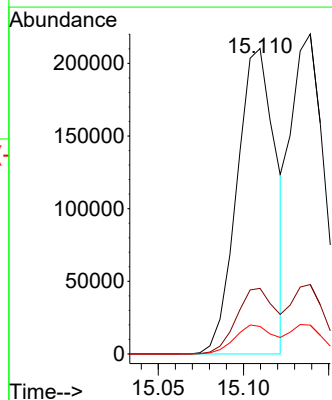
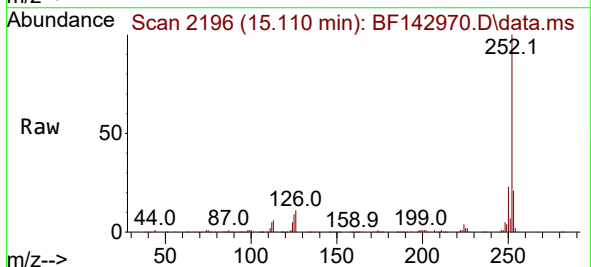


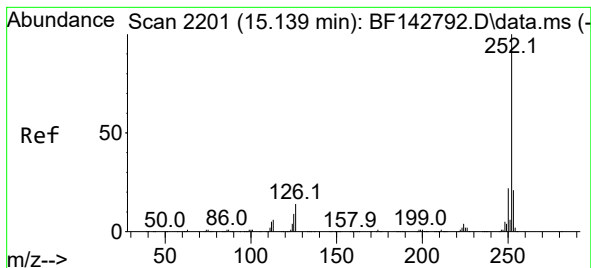
Tgt Ion:276 Resp: 374660
 Ion Ratio Lower Upper
 276 100
 138 24.1 20.2 30.4
 277 24.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 51.505 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142970.D
 Acq: 02 Jul 2025 14:47

Tgt Ion:252 Resp: 330476
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.999 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

Instrument :

BNA_F

ClientSampleId :

TP-67MS

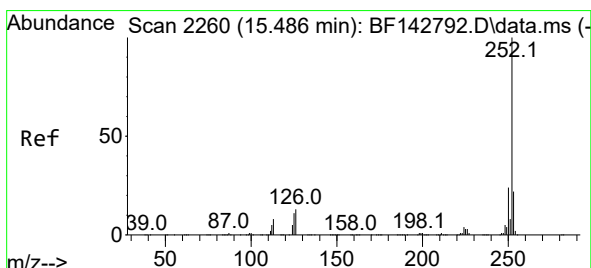
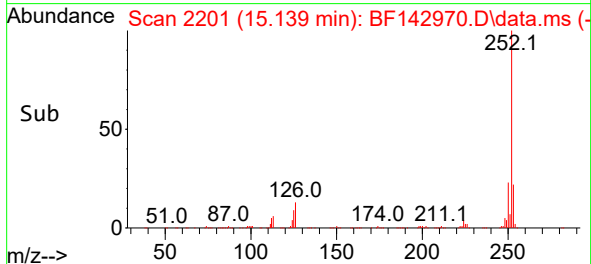
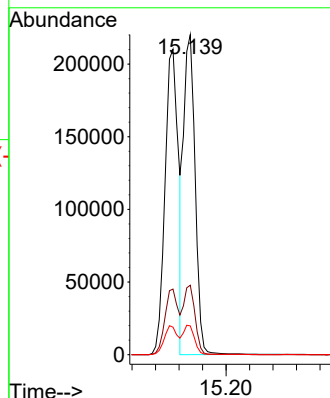
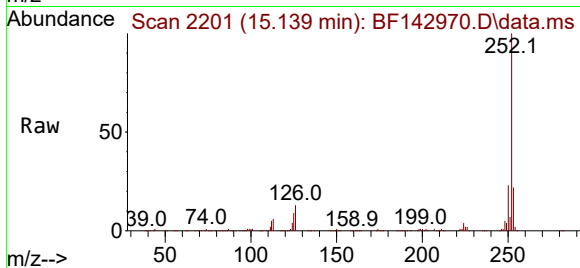
Tgt Ion:252 Resp: 300146

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.776 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142970.D

Acq: 02 Jul 2025 14:47

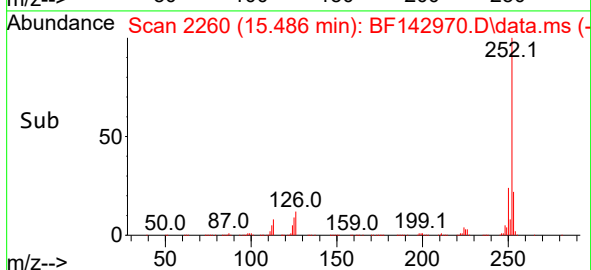
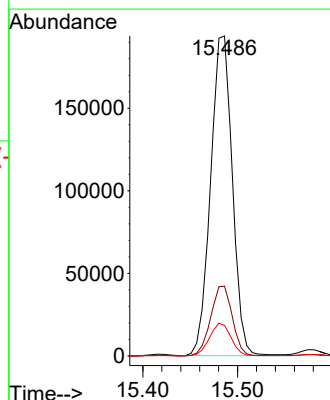
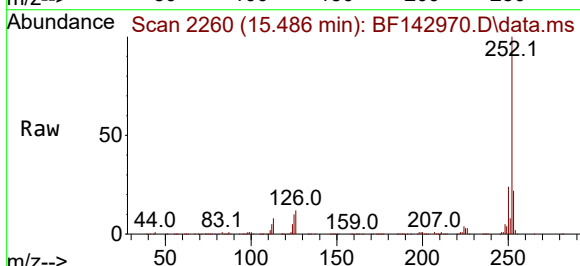
Tgt Ion:252 Resp: 308547

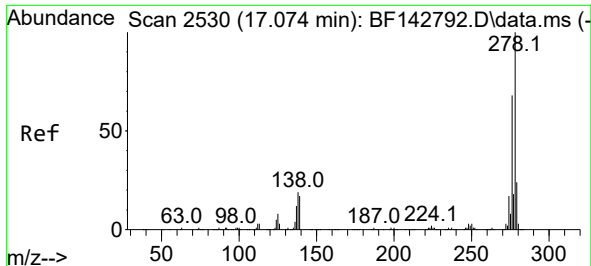
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

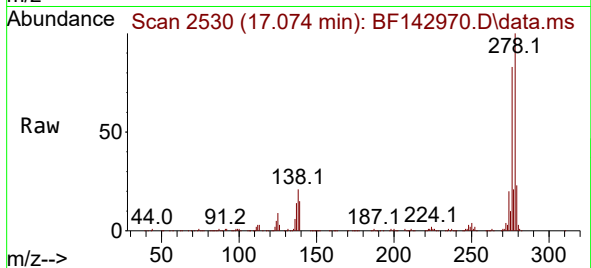
125 9.6 8.6 12.8



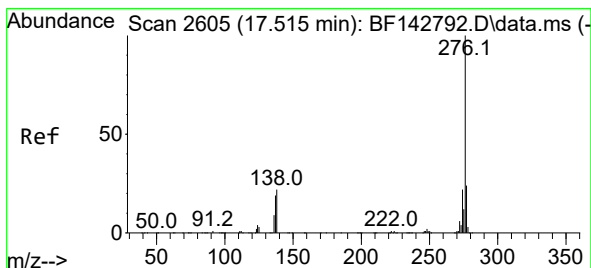
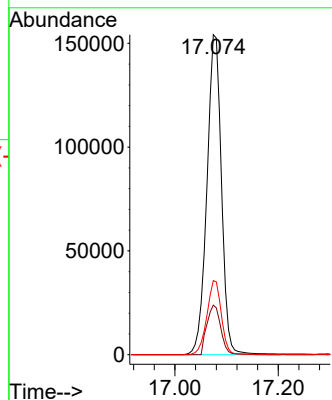
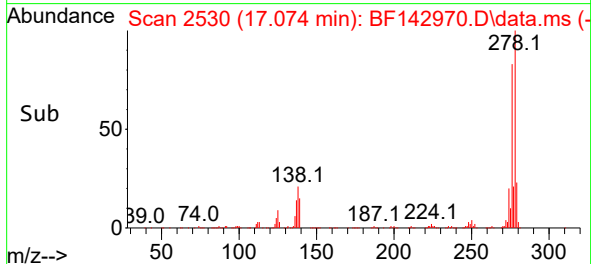


#91
Dibenzo(a,h)anthracene
Concen: 43.987 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-67MS



Tgt Ion:278 Resp: 301867
Ion Ratio Lower Upper
278 100
139 15.5 13.5 20.3
279 23.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.296 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142970.D
Acq: 02 Jul 2025 14:47

Tgt Ion:276 Resp: 296284
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 20.2 17.6 26.4

