

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142971.D
 Acq On : 02 Jul 2025 15:17
 Operator : RC/JU
 Sample : Q2458-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67MSD

Quant Time: Jul 02 15:48:04 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	56149	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	216831	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	113581	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	197962	20.000	ng	0.00
76) Chrysene-d12	14.056	240	113049	20.000	ng	0.00
86) Perylene-d12	15.545	264	120474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	252058	74.740	ng	0.00
7) Phenol-d6	6.504	99	304097	76.428	ng	0.00
23) Nitrobenzene-d5	7.433	82	184481	46.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	95618	81.807	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	416800	48.207	ng	-0.01
79) Terphenyl-d14	12.992	244	381225	46.594	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.645	88	48397	35.879	ng	98
3) Pyridine	3.416	79	130811	38.682	ng	99
4) n-Nitrosodimethylamine	3.363	42	72394	41.399	ng	98
6) Aniline	6.533	93	156171	29.498	ng	# 87
8) 2-Chlorophenol	6.657	128	161846	44.488	ng	98
9) Benzaldehyde	6.422	77	65498	27.747	ng	98
10) Phenol	6.522	94	191654	43.333	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	138878	43.934	ng	98
12) 1,3-Dichlorobenzene	6.816	146	176063	43.274	ng	99
13) 1,4-Dichlorobenzene	6.892	146	177572	43.259	ng	99
14) 1,2-Dichlorobenzene	7.045	146	170609	43.819	ng	100
15) Benzyl Alcohol	7.016	79	129241	44.931	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	208093	40.974	ng	90
17) 2-Methylphenol	7.128	107	122893	44.577	ng	98
18) Hexachloroethane	7.386	117	60864	42.391	ng	94
19) n-Nitroso-di-n-propyla...	7.286	70	102676	44.369	ng	97
20) 3+4-Methylphenols	7.280	107	155844	45.339	ng	93
22) Acetophenone	7.280	105	213231	44.595	ng	99
24) Nitrobenzene	7.457	77	154127	43.077	ng	98
25) Isophorone	7.698	82	278962	43.991	ng	99
26) 2-Nitrophenol	7.775	139	89684	46.014	ng	98
27) 2,4-Dimethylphenol	7.810	122	148069	43.858	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	174411	43.261	ng	100
29) 2,4-Dichlorophenol	8.016	162	136833	44.700	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	146140	43.415	ng	99
31) Naphthalene	8.180	128	460550	43.393	ng	100
32) Benzoic acid	7.927	122	73378	42.643	ng	97
33) 4-Chloroaniline	8.227	127	78716	18.240	ng	98
34) Hexachlorobutadiene	8.292	225	89607	43.520	ng	99
35) Caprolactam	8.604	113	27704	34.297	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	138688	45.586	ng	99
37) 2-Methylnaphthalene	8.874	142	289318	43.969	ng	100
38) 1-Methylnaphthalene	8.974	142	301963	44.331	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	148386	44.276	ng	99
41) Hexachlorocyclopentadiene	9.022	237	155705	81.870	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	96995	44.414	ng	99

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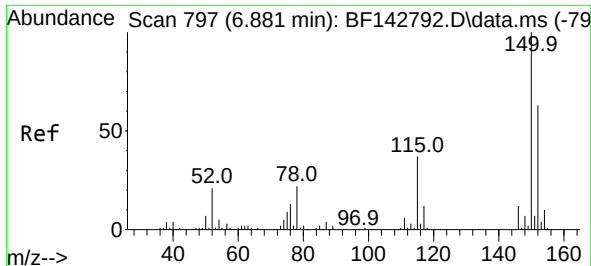
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102673	44.662	ng	99
46) 1,1'-Biphenyl	9.333	154	402287	44.837	ng	100
47) 2-Chloronaphthalene	9.363	162	292943	43.508	ng	99
48) 2-Nitroaniline	9.463	65	87106	46.145	ng	96
49) Acenaphthylene	9.780	152	491743	44.365	ng	99
50) Dimethylphthalate	9.639	163	348094	47.346	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76426	47.334	ng	96
52) Acenaphthene	9.951	154	287566	42.523	ng	99
53) 3-Nitroaniline	9.869	138	48726	27.410	ng	99
54) 2,4-Dinitrophenol	9.986	184	74821	92.547	ng	95
55) Dibenzofuran	10.121	168	439268	45.297	ng	100
56) 4-Nitrophenol	10.039	139	117590	96.622	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105877	49.367	ng	98
58) Fluorene	10.468	166	349636	46.165	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	85167	45.961	ng	97
60) Diethylphthalate	10.339	149	351584	48.772	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	166362	46.033	ng	99
62) 4-Nitroaniline	10.486	138	79394	48.833	ng	99
63) Azobenzene	10.616	77	317643	49.302	ng	98
65) 4,6-Dinitro-2-methylph...	10.521	198	53270	44.488	ng	99
66) n-Nitrosodiphenylamine	10.574	169	300816	43.845	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100791	44.736	ng	95
68) Hexachlorobenzene	11.016	284	110539	44.155	ng	98
69) Atrazine	11.104	200	93920	53.011	ng	99
70) Pentachlorophenol	11.216	266	105114	84.262	ng	100
71) Phenanthrene	11.433	178	486722	45.388	ng	99
72) Anthracene	11.486	178	494071	44.924	ng	100
73) Carbazole	11.639	167	434982	45.832	ng	100
74) Di-n-butylphthalate	11.963	149	540733	54.691	ng	100
75) Fluoranthene	12.621	202	458695	45.071	ng	100
77) Benzidine	12.745	184	136349	32.102	ng	99
78) Pyrene	12.851	202	450689	42.532	ng	100
80) Butylbenzylphthalate	13.462	149	165587	53.871	ng	99
81) Benzo(a)anthracene	14.045	228	350275	45.929	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	43306	17.507	ng	# 98
83) Chrysene	14.080	228	308955	45.400	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	216038	48.850	ng	100
85) Di-n-octyl phthalate	14.639	149	333995	40.051	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	364964	39.772	ng	99
88) Benzo(b)fluoranthene	15.109	252	330057	47.346	ng	99
89) Benzo(k)fluoranthene	15.139	252	312488	47.913	ng	99
90) Benzo(a)pyrene	15.486	252	311232	46.214	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	294876	39.549	ng	99
92) Benzo(g,h,i)perylene	17.521	276	286817	38.577	ng	99

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

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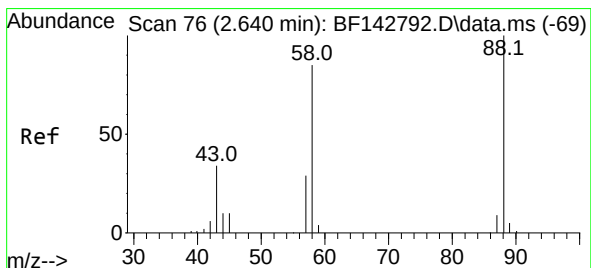
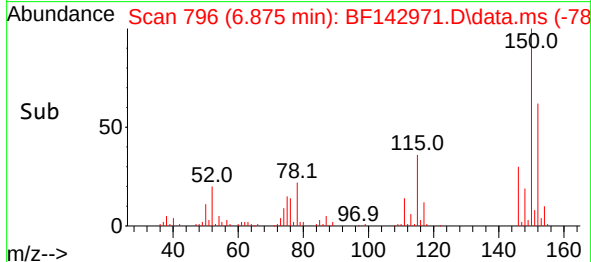
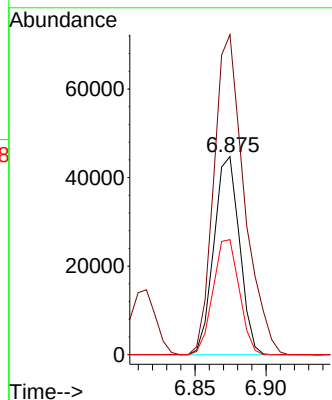
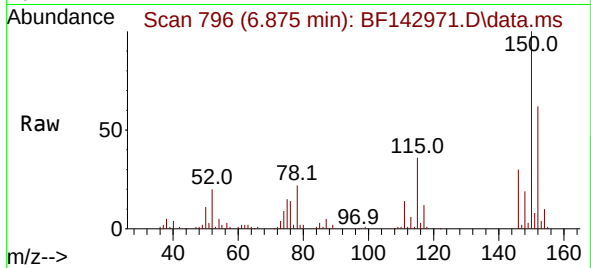




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

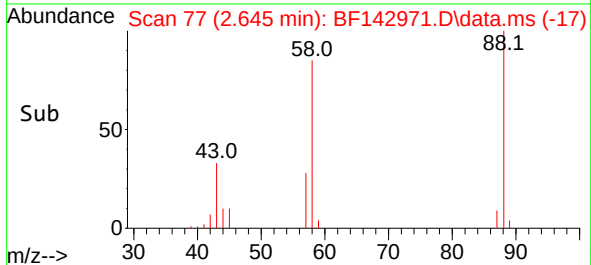
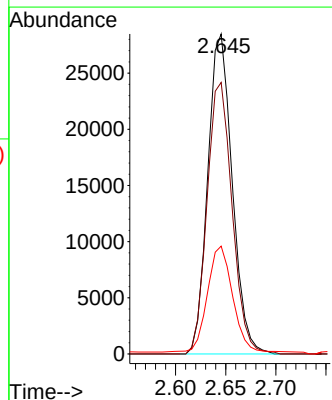
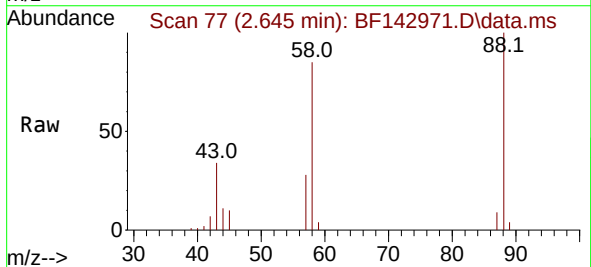
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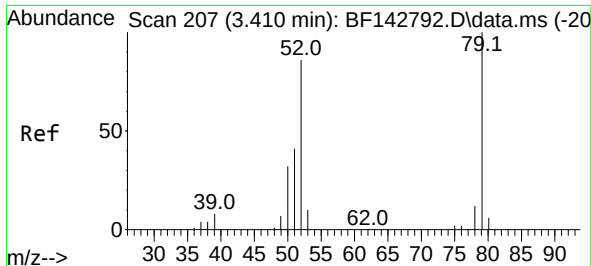
Tgt Ion:152 Resp: 56149
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.2 190.8
 115 58.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.879 ng
 RT: 2.645 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

Tgt Ion: 88 Resp: 48397
 Ion Ratio Lower Upper
 88 100
 58 87.1 69.1 103.7
 43 36.8 27.4 41.2

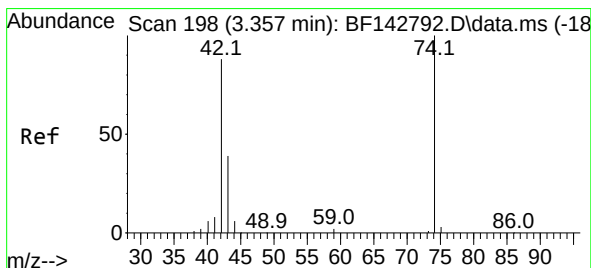
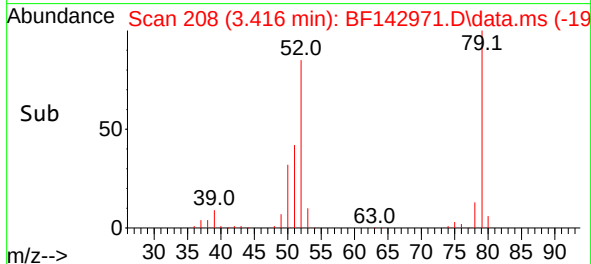
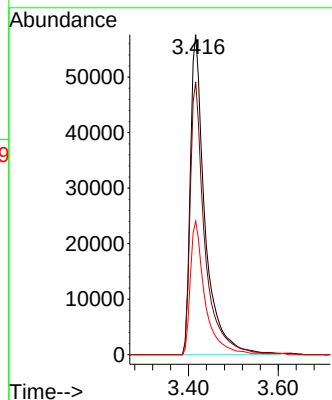
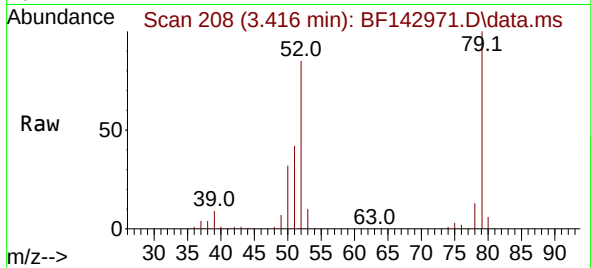




#3
Pyridine
Concen: 38.682 ng
RT: 3.416 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

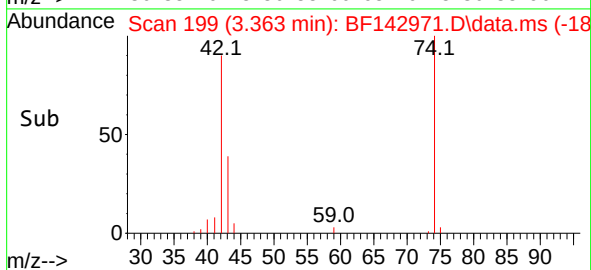
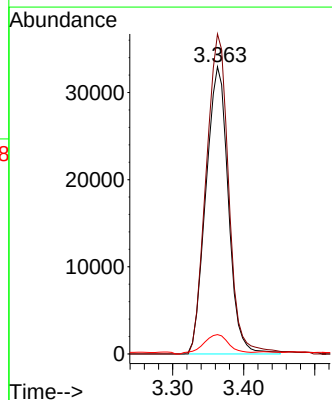
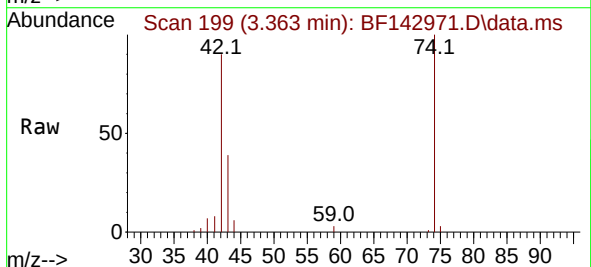
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BNA_F
ClientSampleId :
TP-67MSD

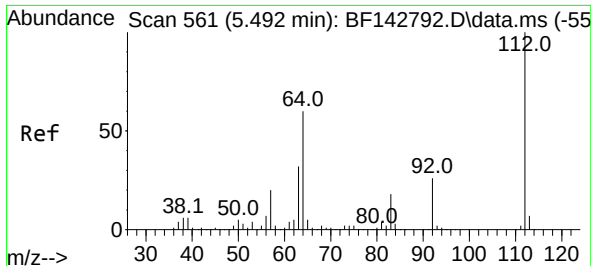
Tgt Ion: 79 Resp: 130811
Ion Ratio Lower Upper
79 100
52 85.3 69.2 103.8
51 41.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.399 ng
RT: 3.363 min Scan# 199
Delta R.T. 0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion: 42 Resp: 72394
Ion Ratio Lower Upper
42 100
74 111.4 90.9 136.3
44 6.7 5.8 8.6

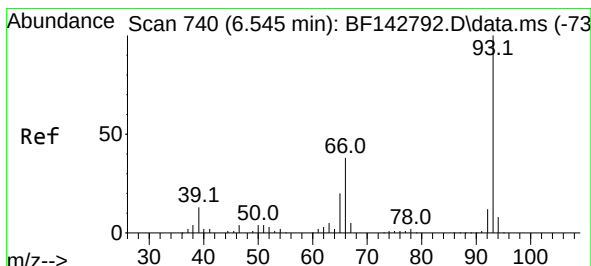
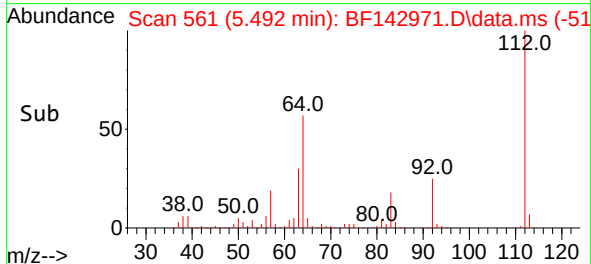
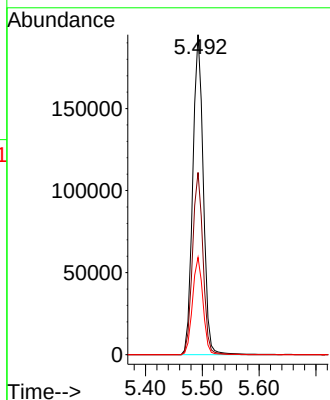
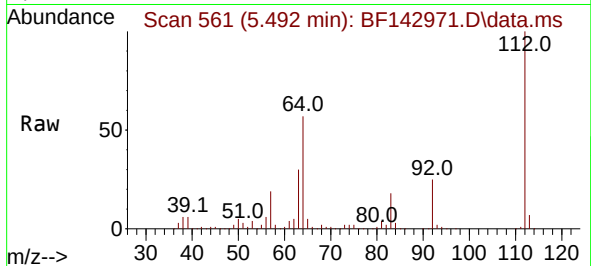




#5
2-Fluorophenol
Concen: 74.740 ng
RT: 5.492 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

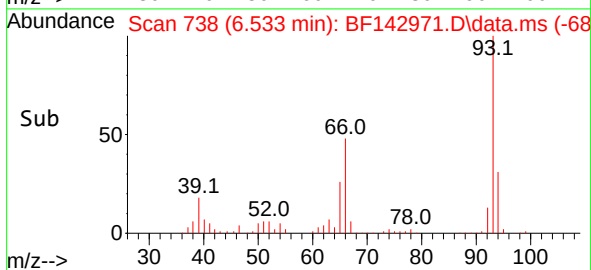
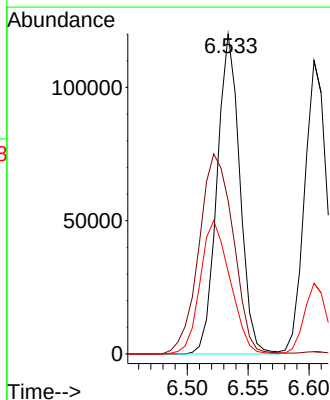
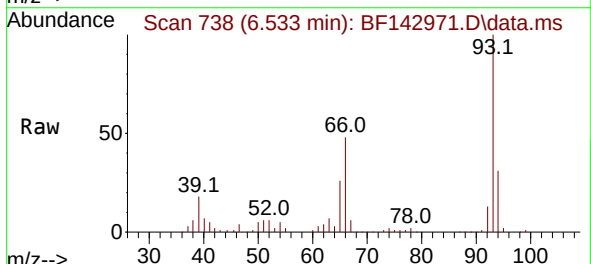
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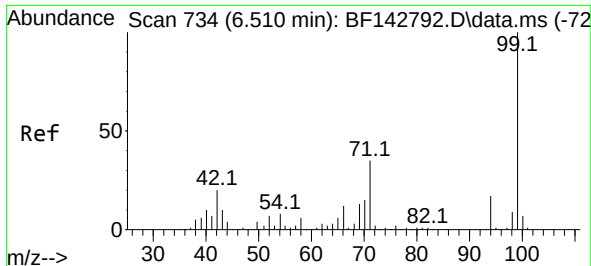
Tgt Ion:112 Resp: 252058
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 29.498 ng
RT: 6.533 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142971.D
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Tgt Ion: 93 Resp: 156171
Ion Ratio Lower Upper
93 100
66 48.0 31.8 47.6#
65 25.8 16.2 24.2#

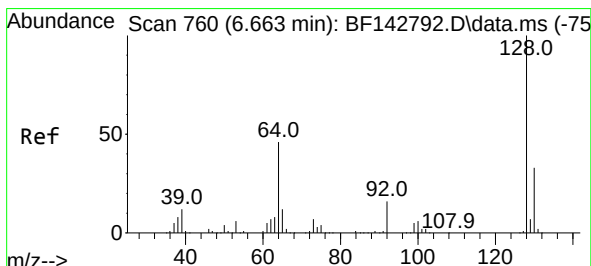
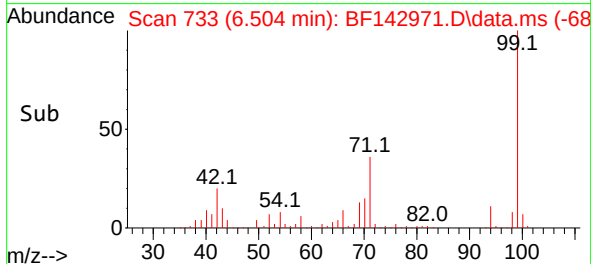
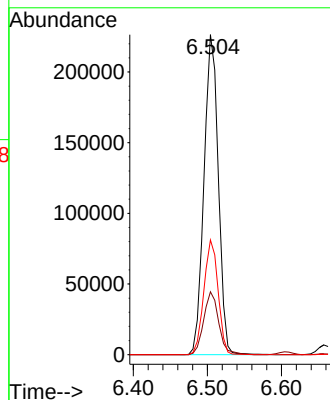
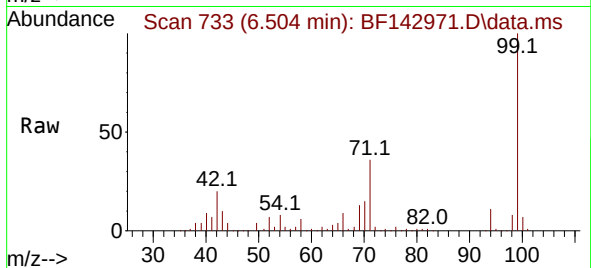




#7
Phenol-d6
Concen: 76.428 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

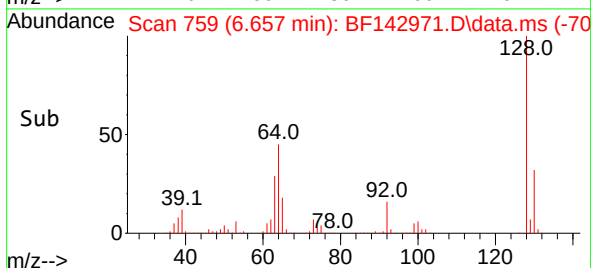
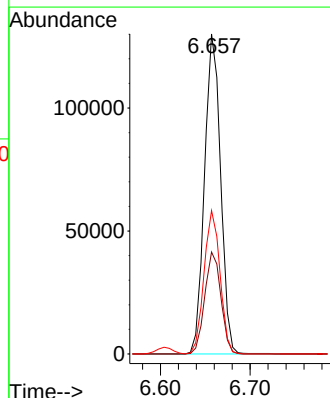
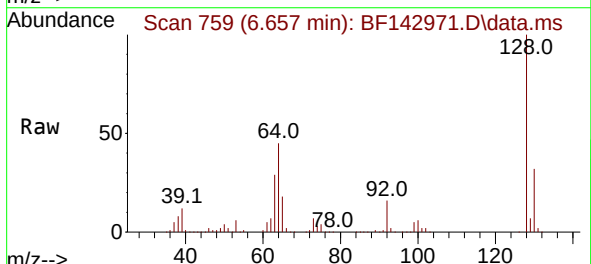
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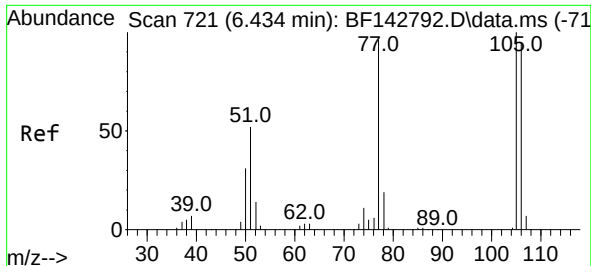
Tgt Ion: 99 Resp: 304097
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.8 27.8 41.8



#8
2-Chlorophenol
Concen: 44.488 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142971.D
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Tgt Ion: 128 Resp: 161846
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 44.8 26.5 66.5

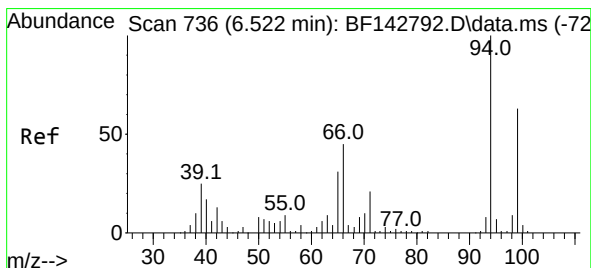
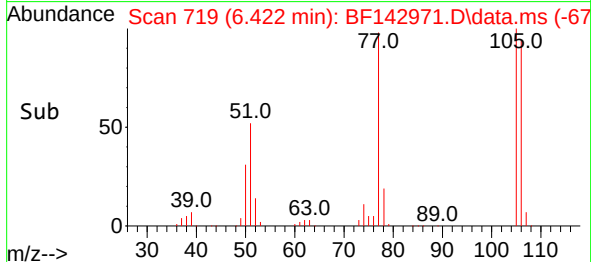
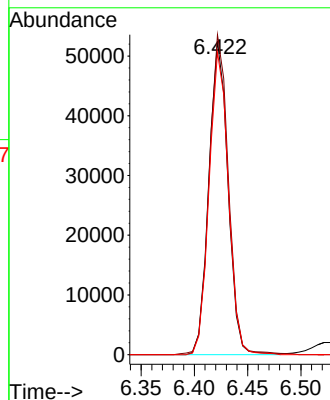
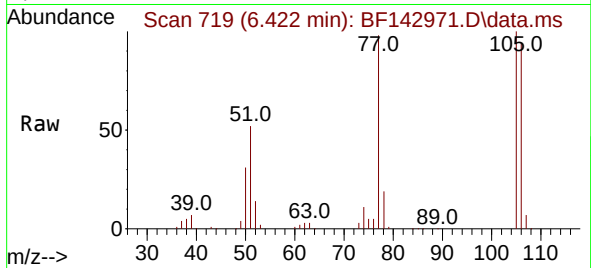




#9
Benzaldehyde
Concen: 27.747 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

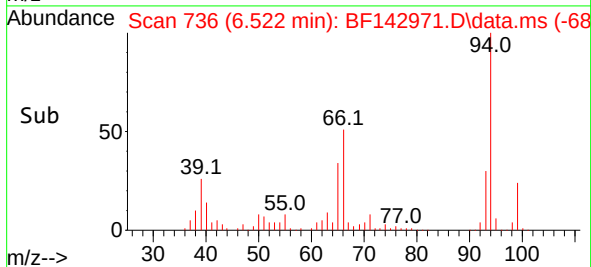
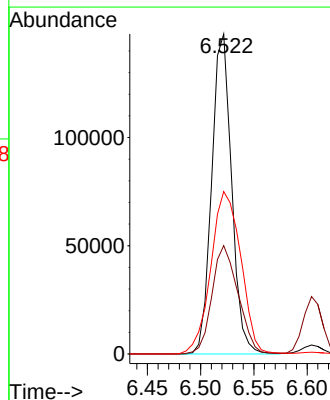
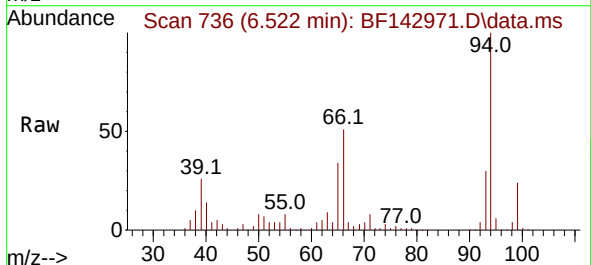
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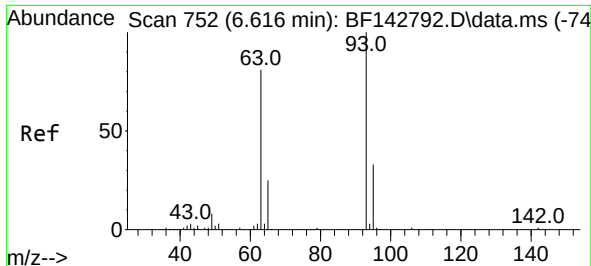
Tgt Ion: 77 Resp: 65498
Ion Ratio Lower Upper
77 100
105 102.2 83.8 123.8
106 96.5 78.7 118.7



#10
Phenol
Concen: 43.333 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 191654
Ion Ratio Lower Upper
94 100
65 33.8 11.3 51.3
66 50.7 24.9 64.9

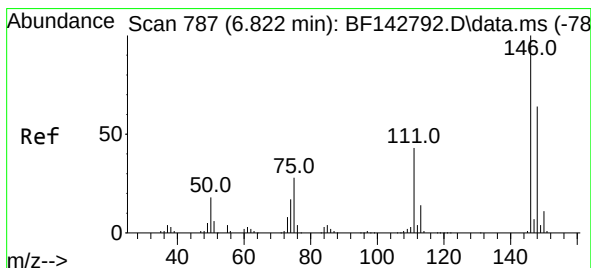
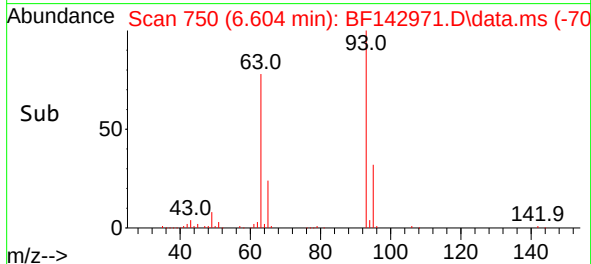
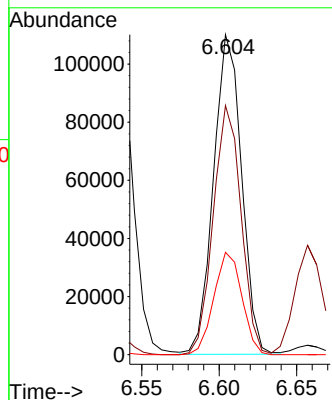
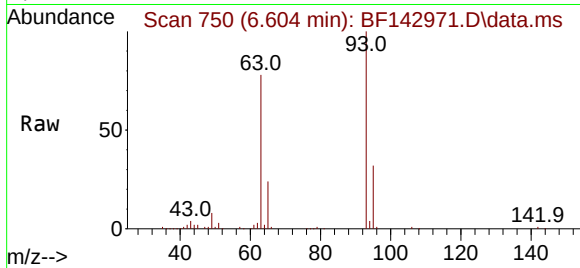




#11
bis(2-Chloroethyl)ether
Concen: 43.934 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

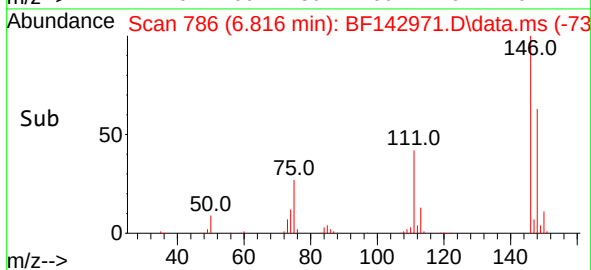
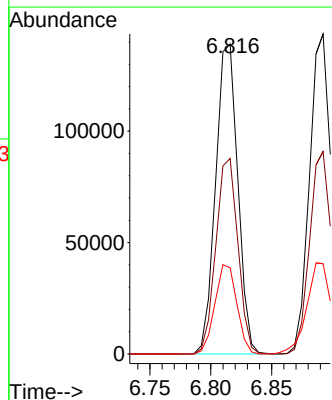
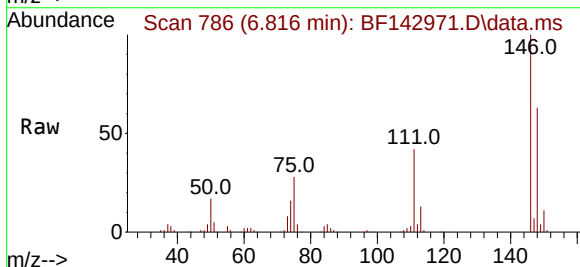
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

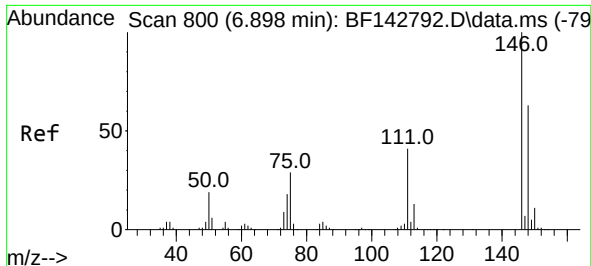
Tgt Ion: 93 Resp: 138878
Ion Ratio Lower Upper
93 100
63 77.9 60.3 100.3
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.274 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:146 Resp: 176063
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
75 27.9 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.259 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

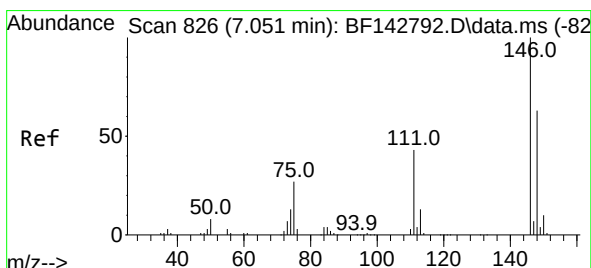
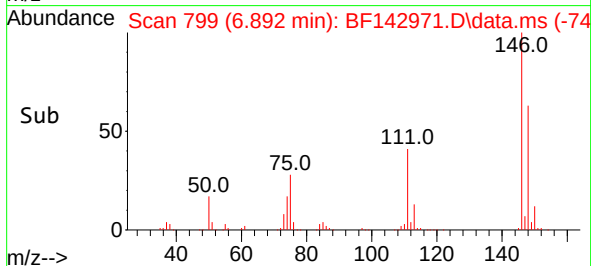
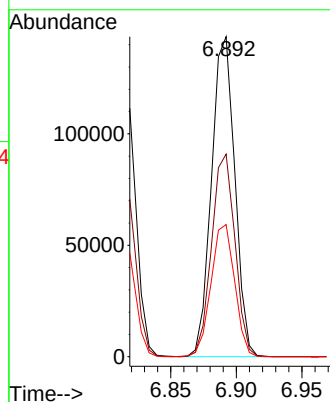
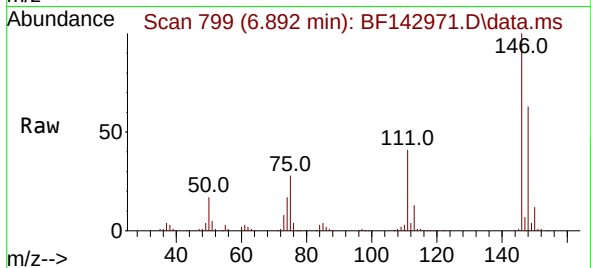
Tgt Ion:146 Resp: 177572

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.819 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

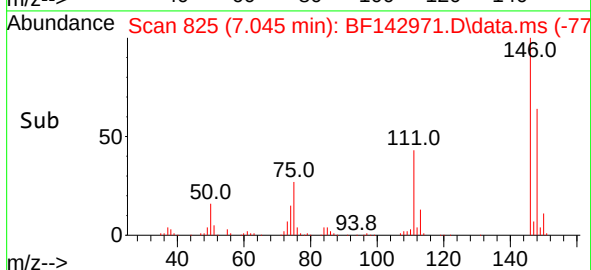
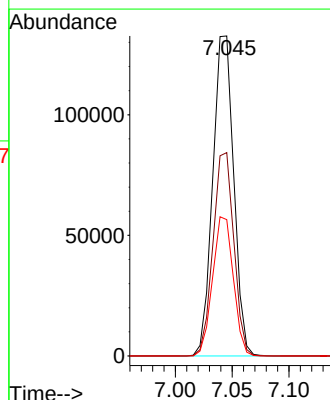
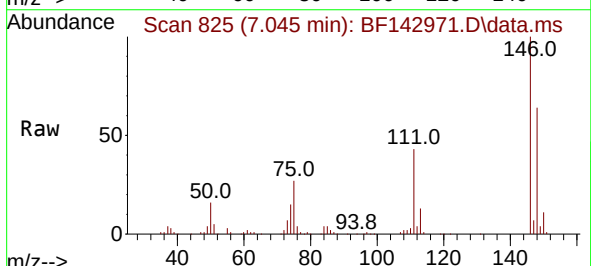
Tgt Ion:146 Resp: 170609

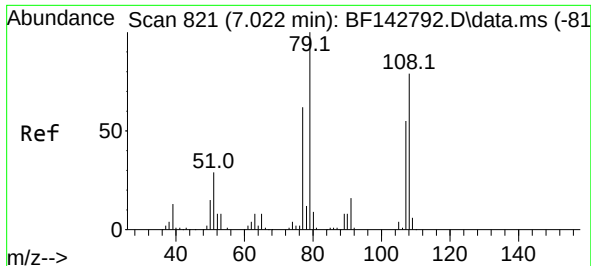
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 42.6 34.1 51.1

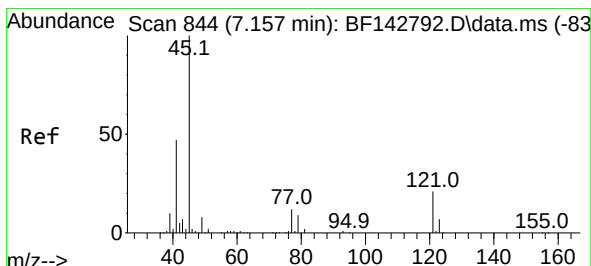
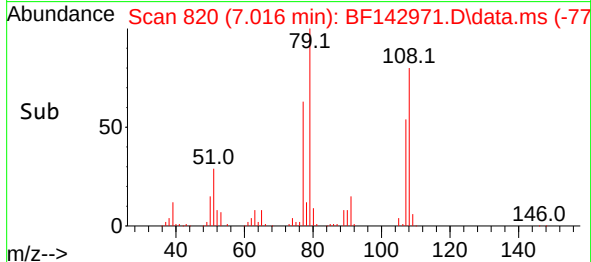
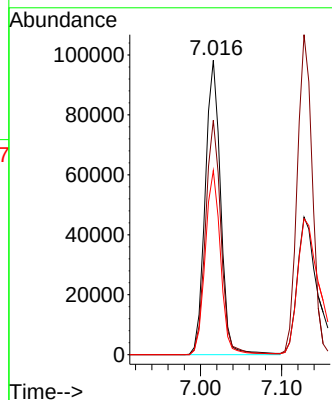
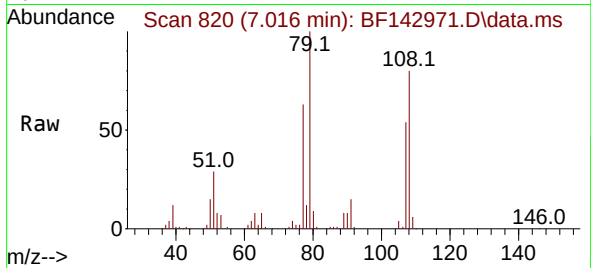




#15
Benzyl Alcohol
Concen: 44.931 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

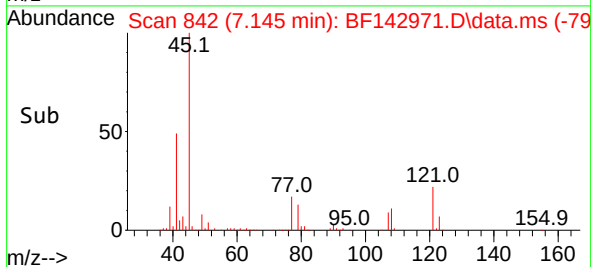
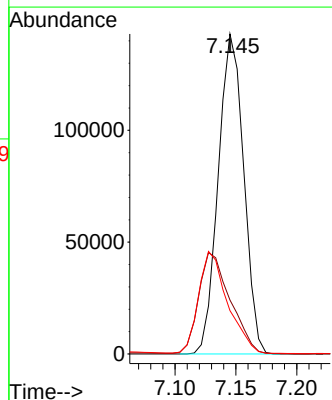
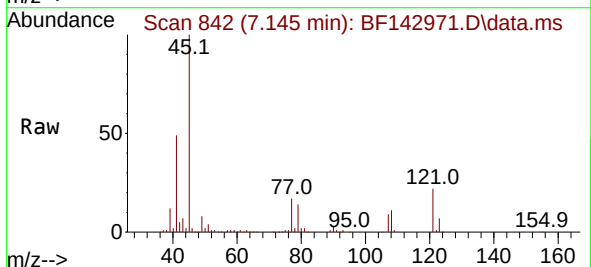
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

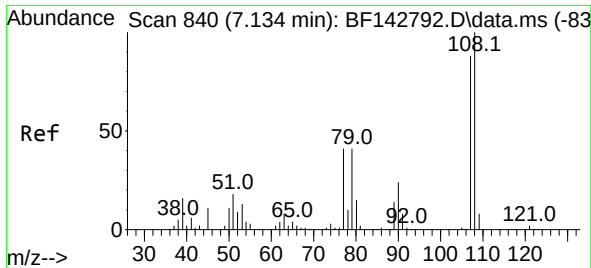
Tgt Ion:	79	Resp:	129241
Ion	Ratio	Lower	Upper
79	100		
108	79.6	63.4	95.0
77	62.6	49.5	74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.974 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:	45	Resp:	208093
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.8
79	13.6	0.0	29.8

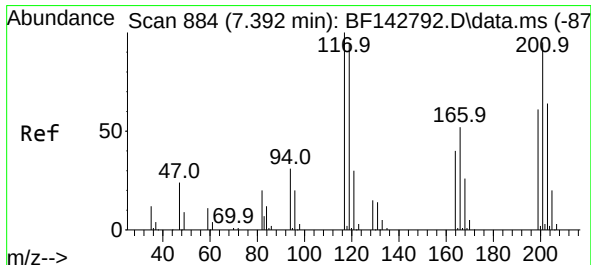
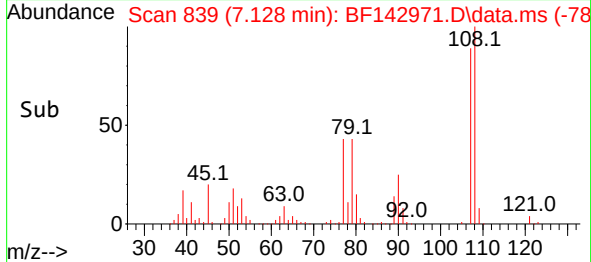
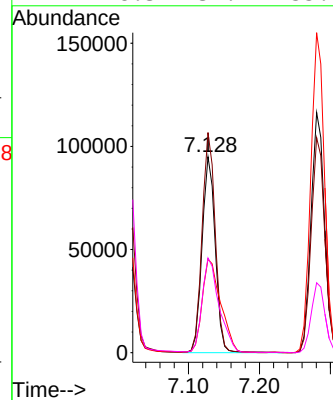
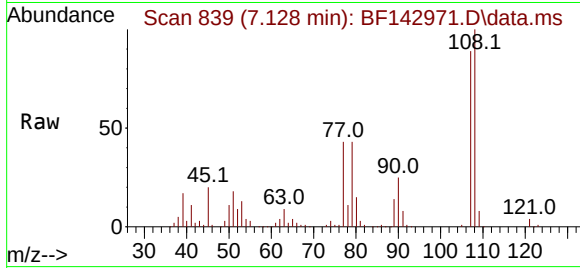




#17
2-Methylphenol
Concen: 44.577 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

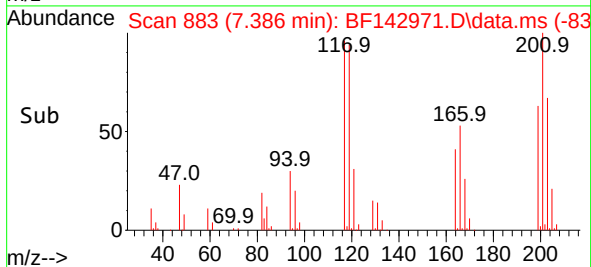
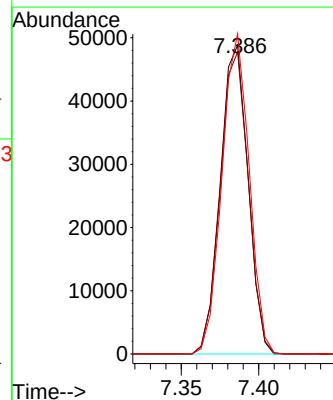
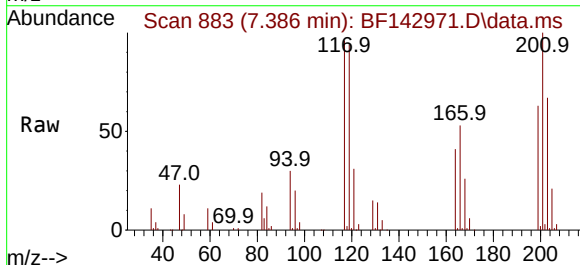
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

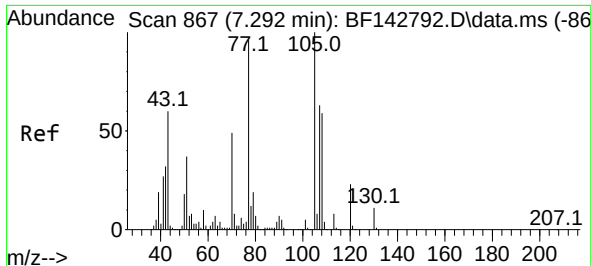
Tgt Ion:	107	Resp:	122893
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	47.8	37.3	55.9
79	48.3	37.2	55.8



#18
Hexachloroethane
Concen: 42.391 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:	117	Resp:	60864
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.0
201	103.6	75.9	113.9

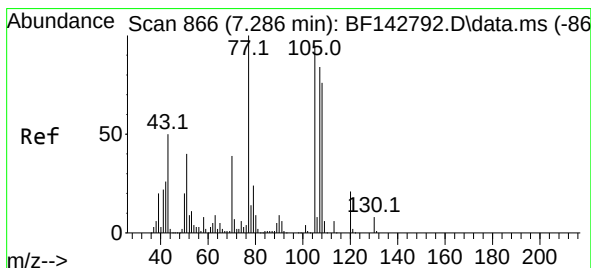
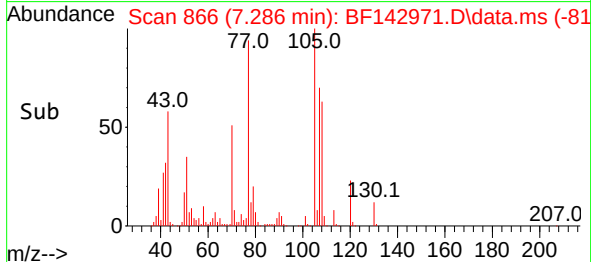
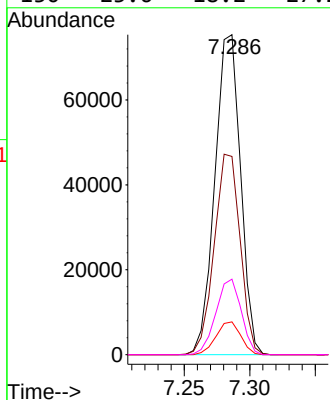
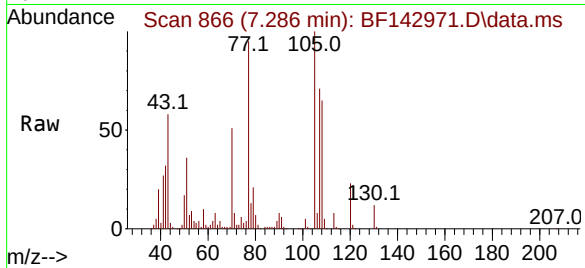




#19
n-Nitroso-di-n-propylamine
Concen: 44.369 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

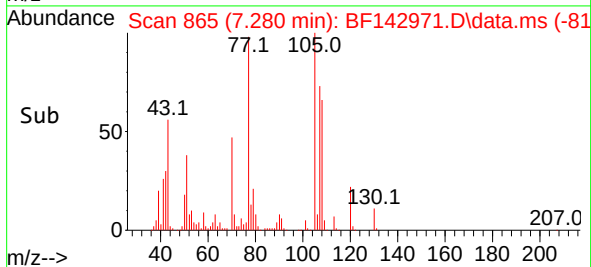
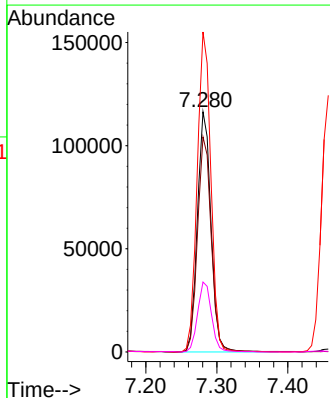
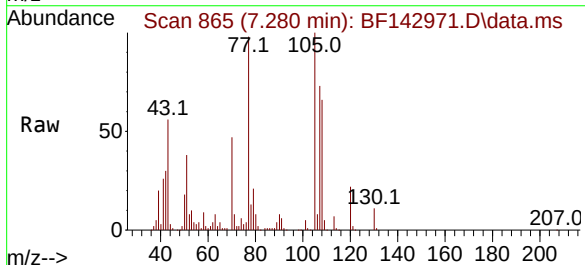
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

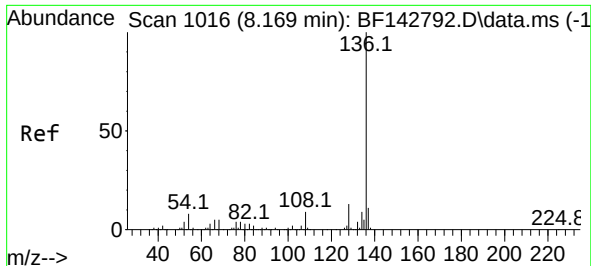
Tgt Ion: 70 Resp: 102676
Ion Ratio Lower Upper
70 100
42 62.0 52.1 78.1
101 10.3 8.2 12.2
130 23.6 18.2 27.2



#20
3+4-Methylphenols
Concen: 45.339 ng
RT: 7.280 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:107 Resp: 155844
Ion Ratio Lower Upper
107 100
108 89.6 70.0 110.0
77 133.3 98.5 138.5
79 29.1 8.8 48.8



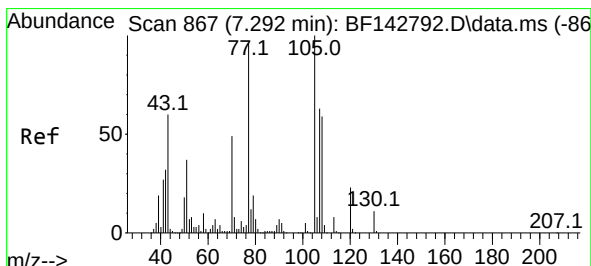
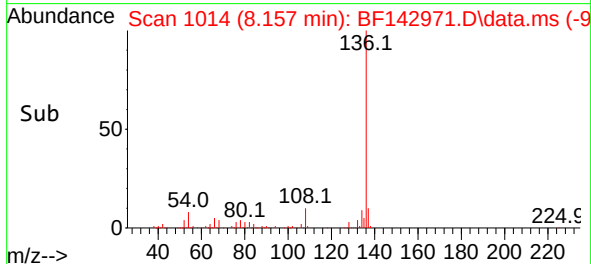
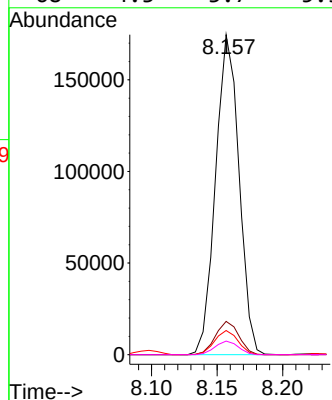
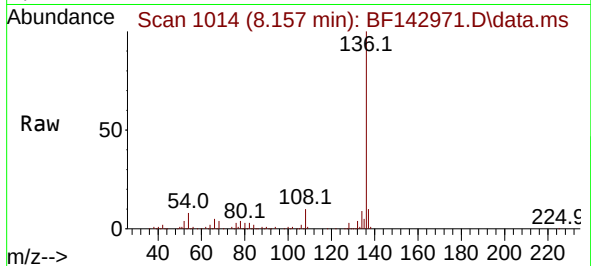


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
TP-67MSD

Tgt Ion:136 Resp: 216831

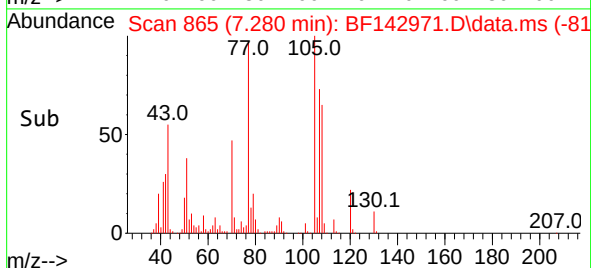
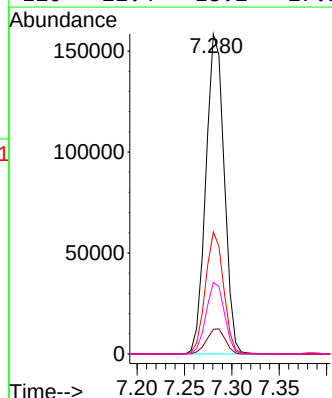
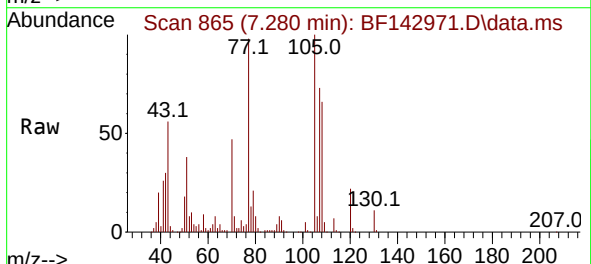
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.6	6.3	9.5
68	4.3	3.7	5.5

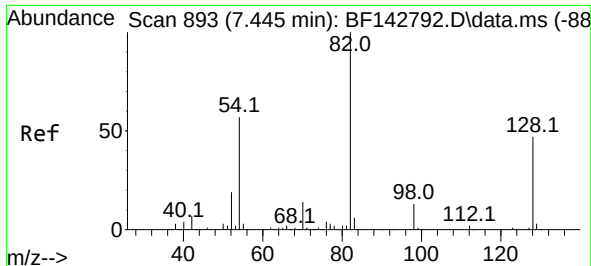


#22
Acetophenone
Concen: 44.595 ng
RT: 7.280 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:105 Resp: 213231

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.5	9.7
51	38.1	29.8	44.8
120	22.4	18.2	27.2





#23

Nitrobenzene-d5

Concen: 46.667 ng

RT: 7.433 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

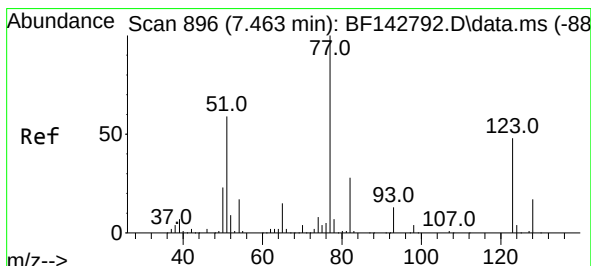
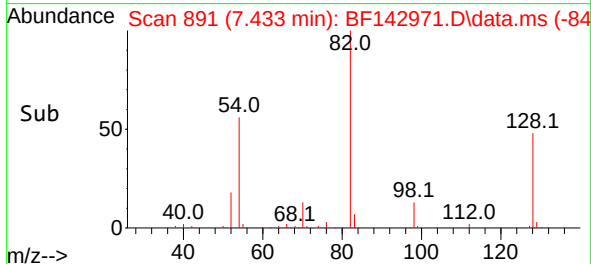
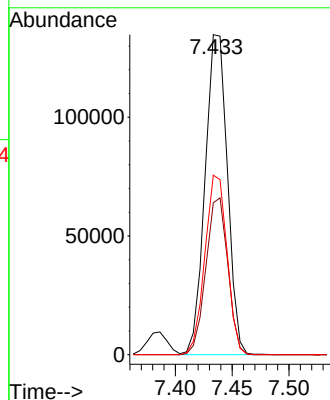
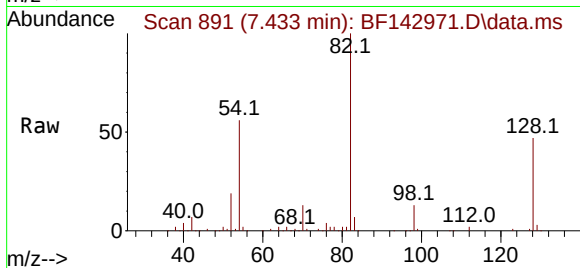
Tgt Ion: 82 Resp: 184481

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 43.077 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

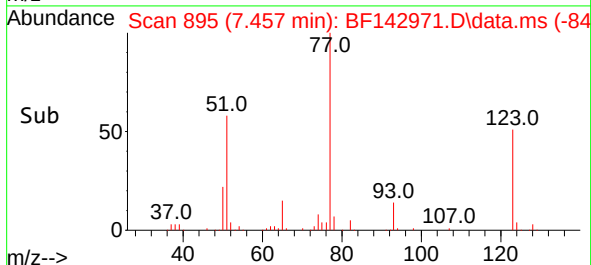
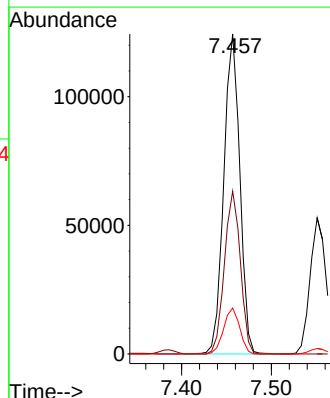
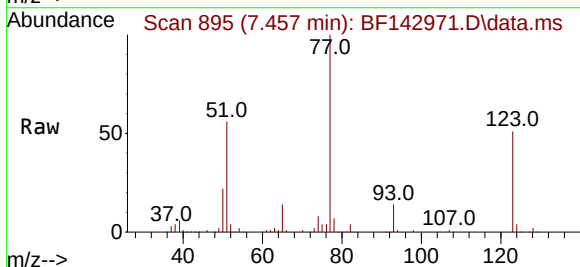
Tgt Ion: 77 Resp: 154127

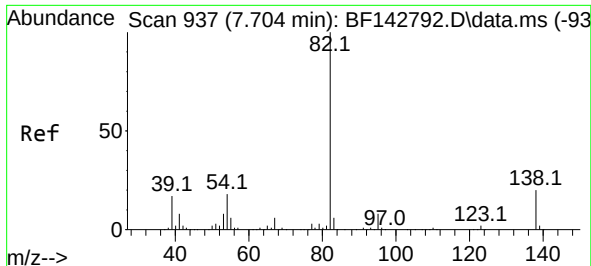
Ion Ratio Lower Upper

77 100

123 50.9 39.2 58.8

65 14.3 11.6 17.4

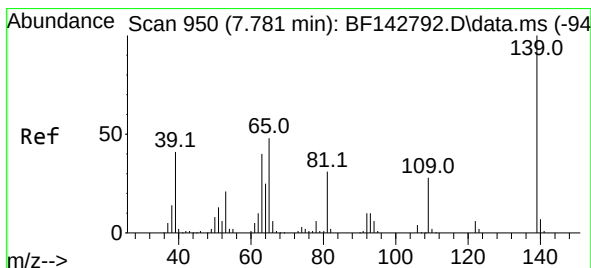
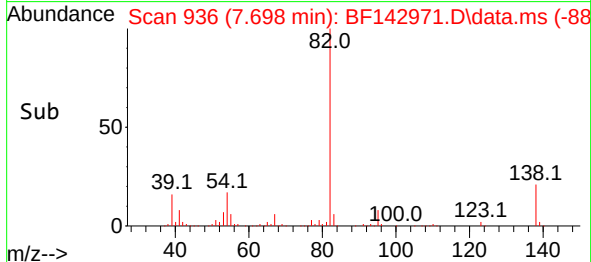
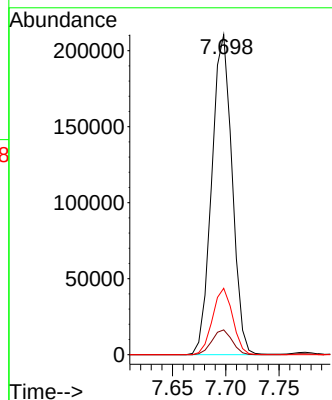
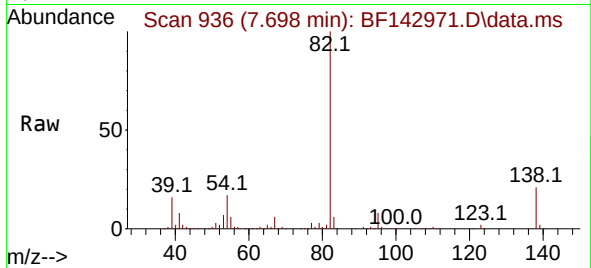




#25
Isophorone
Concen: 43.991 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

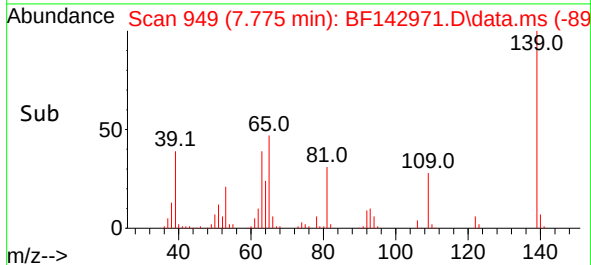
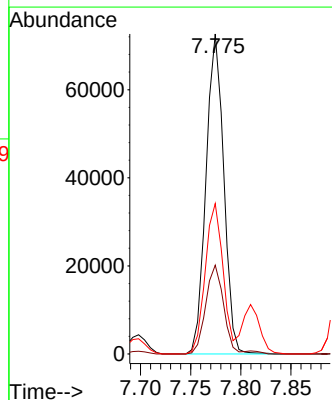
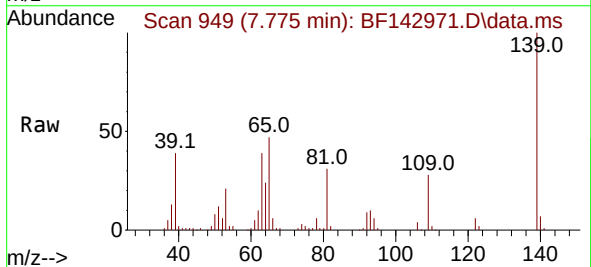
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

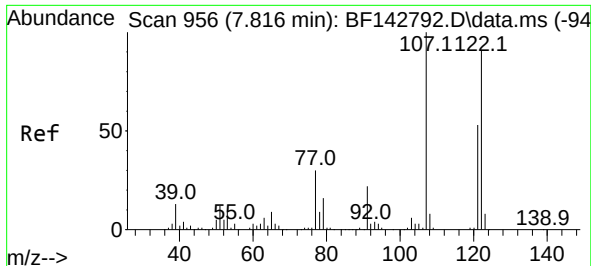
Tgt Ion: 82 Resp: 278962
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.7 16.2 24.4



#26
2-Nitrophenol
Concen: 46.014 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:139 Resp: 89684
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 47.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.858 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

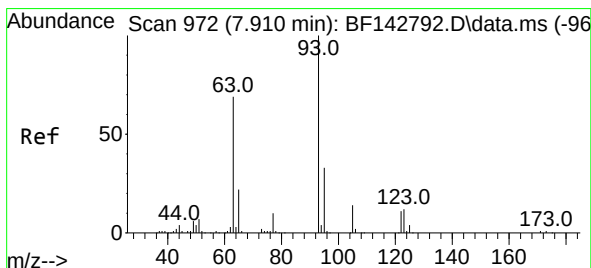
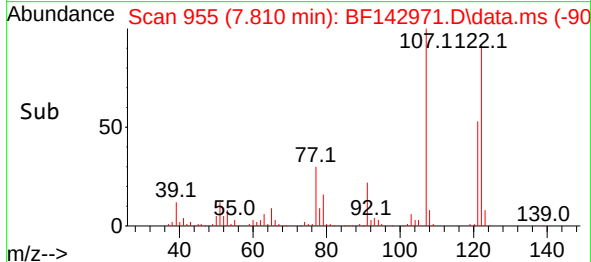
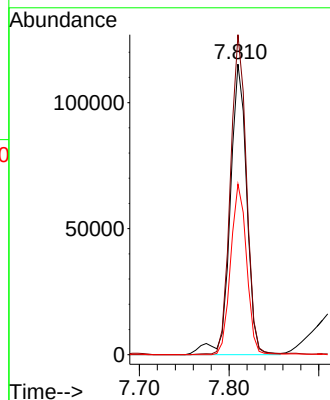
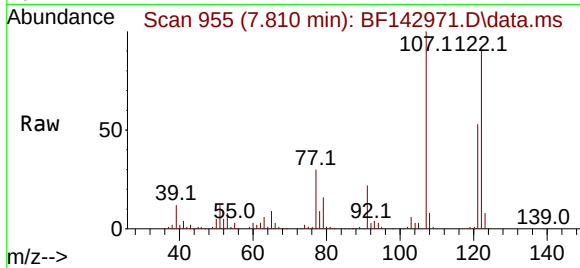
Tgt Ion:122 Resp: 148069

Ion Ratio Lower Upper

122 100

107 110.1 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.261 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

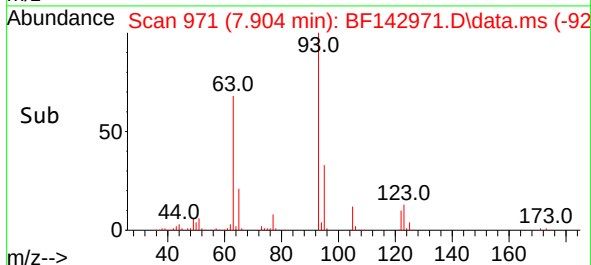
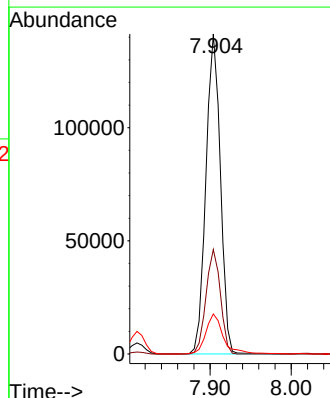
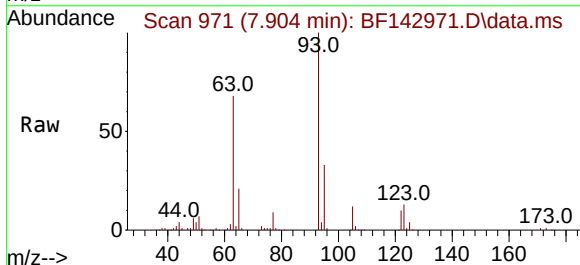
Tgt Ion: 93 Resp: 174411

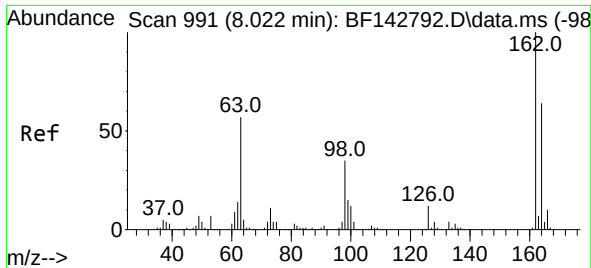
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.700 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

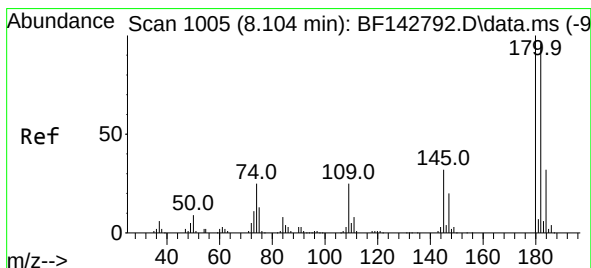
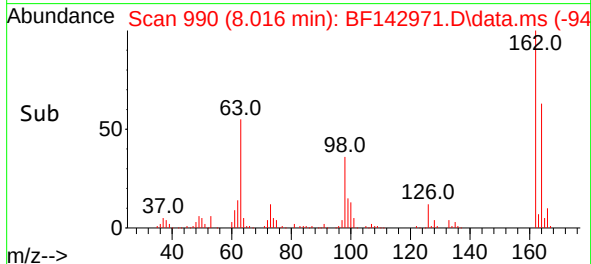
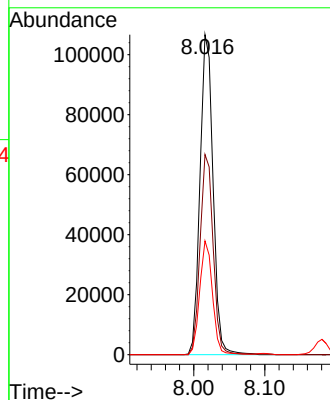
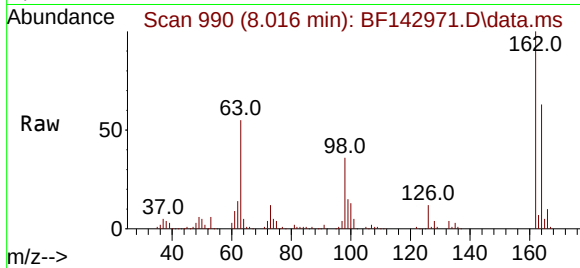
Tgt Ion:162 Resp: 136833

Ion Ratio Lower Upper

162 100

164 62.6 44.0 84.0

98 35.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.415 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

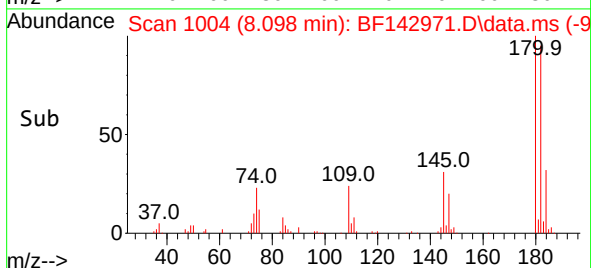
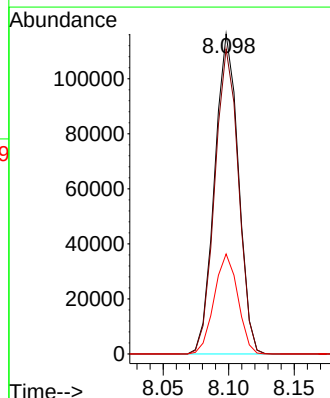
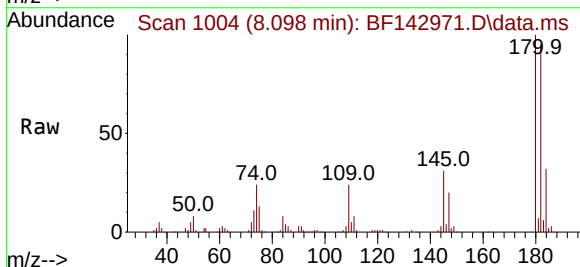
Tgt Ion:180 Resp: 146140

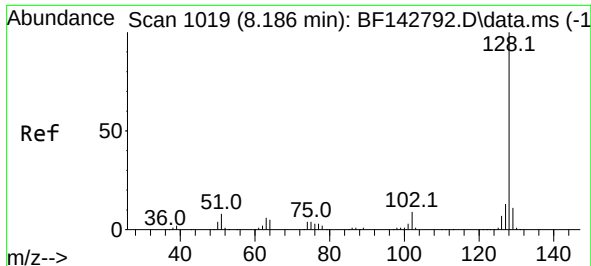
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.2 25.8 38.8

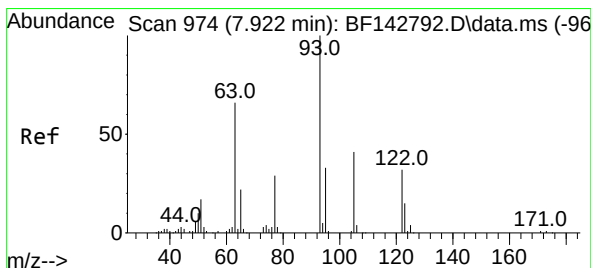
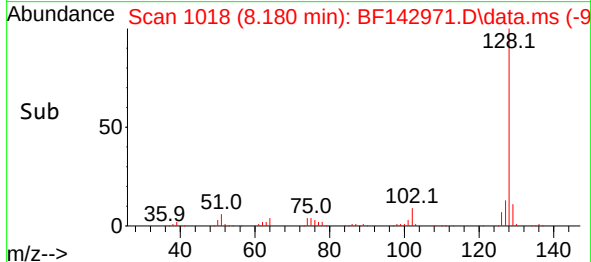
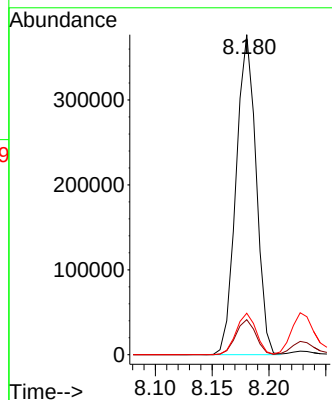
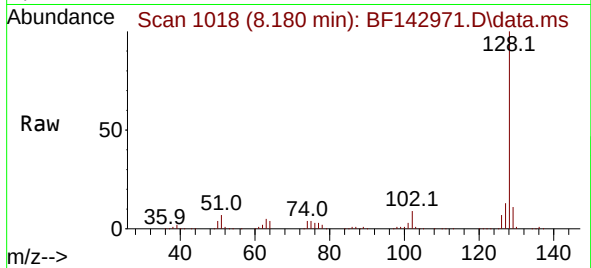




#31
Naphthalene
Concen: 43.393 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

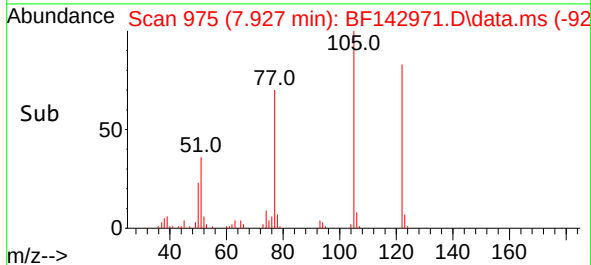
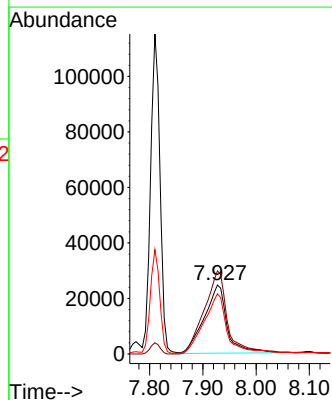
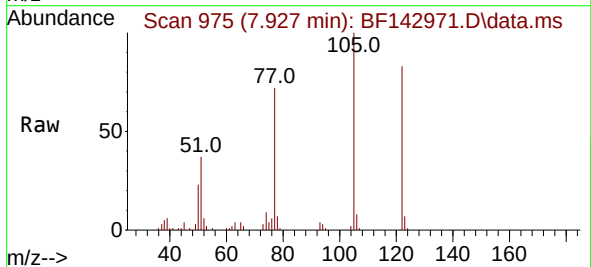
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

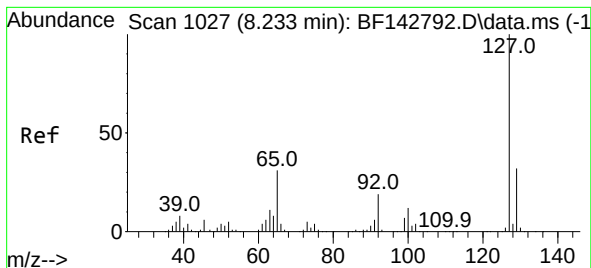
Tgt Ion:128 Resp: 460550
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 42.643 ng
RT: 7.927 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:122 Resp: 73378
Ion Ratio Lower Upper
122 100
105 120.6 104.7 144.7
77 87.4 70.2 110.2





#33

4-Chloroaniline

Concen: 18.240 ng

RT: 8.227 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

Tgt Ion:127 Resp: 78716

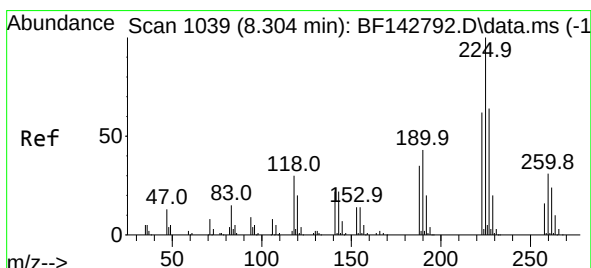
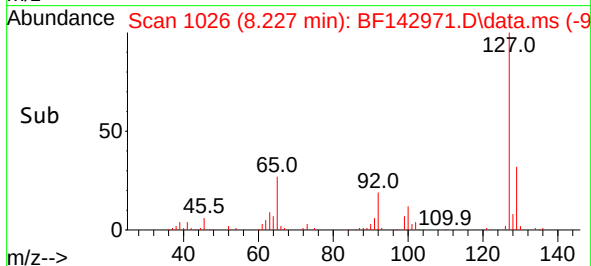
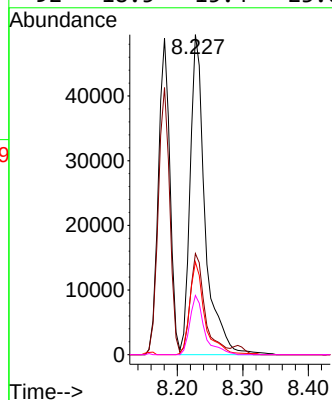
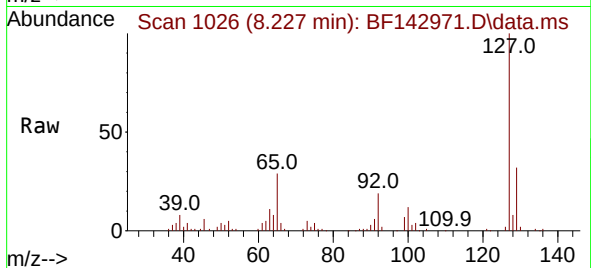
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 28.9 24.6 36.8

92 18.5 15.4 23.0



#34

Hexachlorobutadiene

Concen: 43.520 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

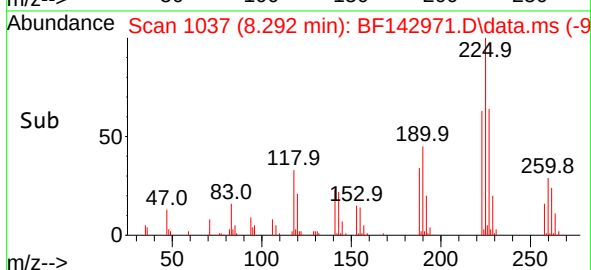
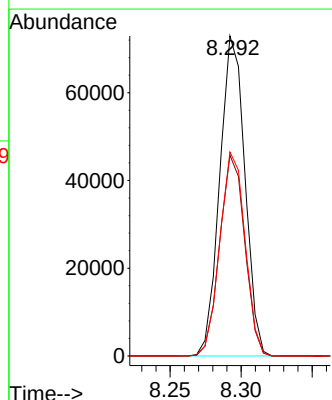
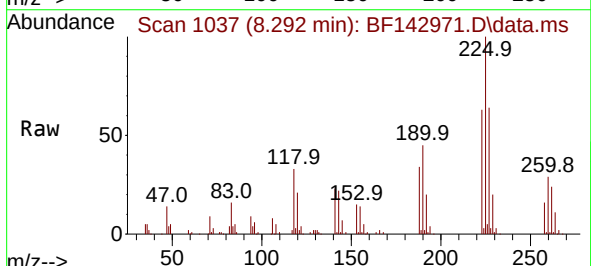
Tgt Ion:225 Resp: 89607

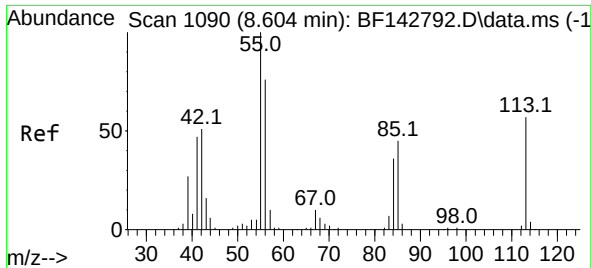
Ion Ratio Lower Upper

225 100

223 62.7 49.9 74.9

227 63.7 51.4 77.0

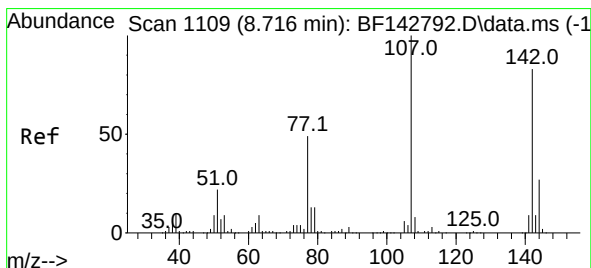
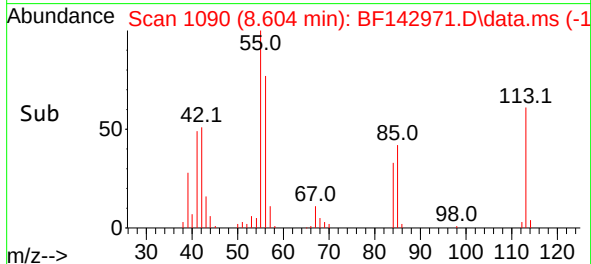
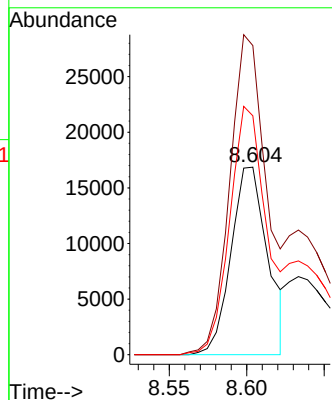
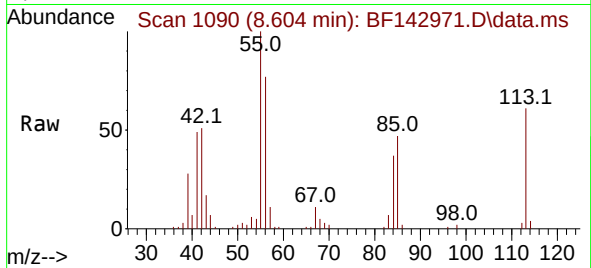




#35
 Caprolactam
 Concen: 34.297 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

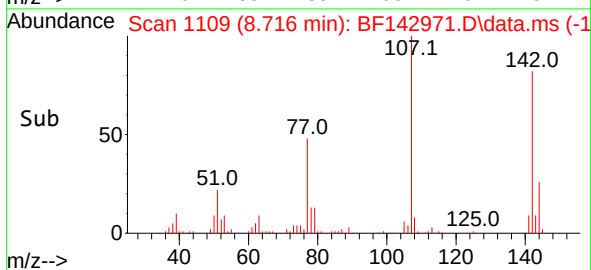
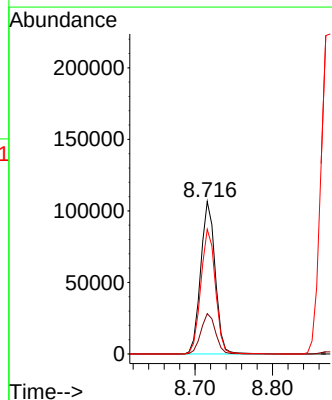
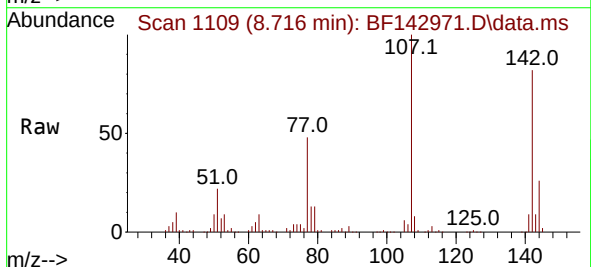
Instrument :
 BNA_F
 ClientSampleId :
 TP-67MSD

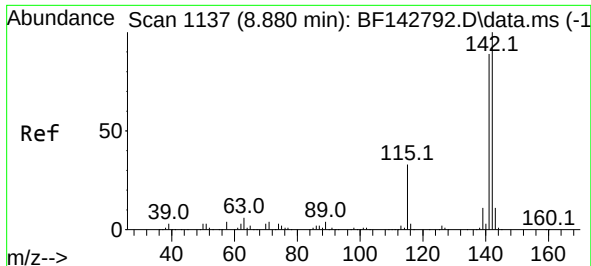
Tgt Ion:113 Resp: 27704
 Ion Ratio Lower Upper
 113 100
 55 164.8 154.4 194.4
 56 127.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.586 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

Tgt Ion:107 Resp: 138688
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 81.8 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.969 ng

RT: 8.874 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

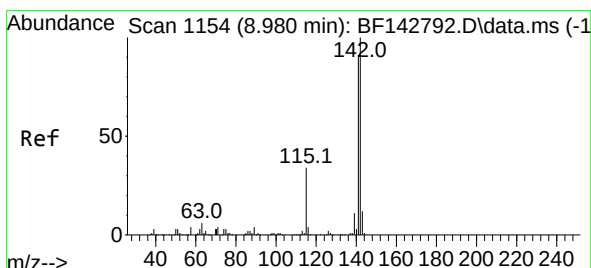
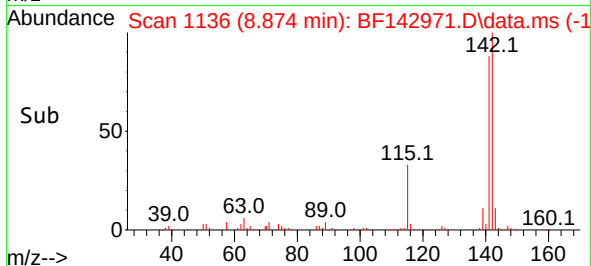
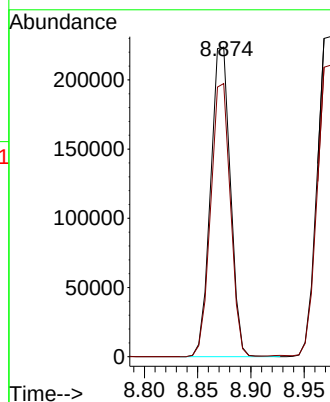
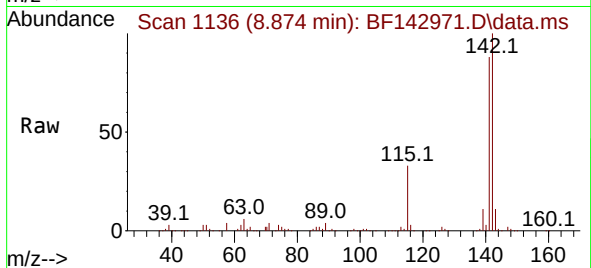
TP-67MSD

Tgt Ion:142 Resp: 289318

Ion Ratio Lower Upper

142 100

141 88.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 44.331 ng

RT: 8.974 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142971.D

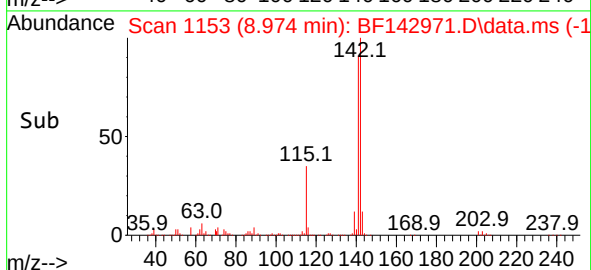
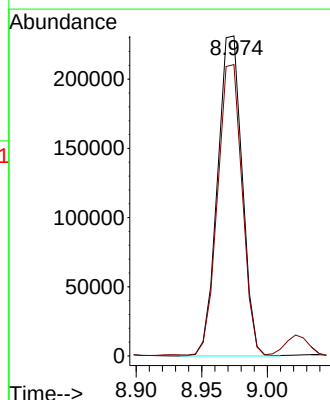
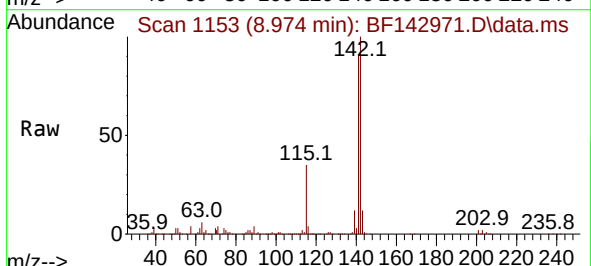
Acq: 02 Jul 2025 15:17

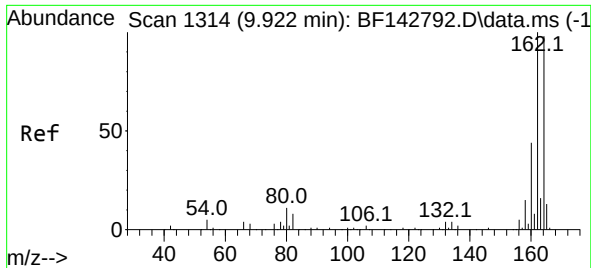
Tgt Ion:142 Resp: 301963

Ion Ratio Lower Upper

142 100

141 91.1 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: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

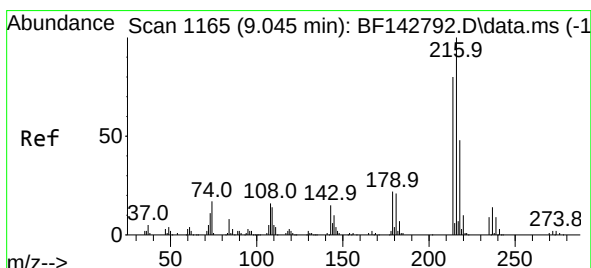
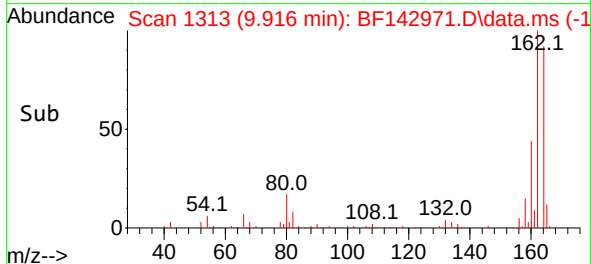
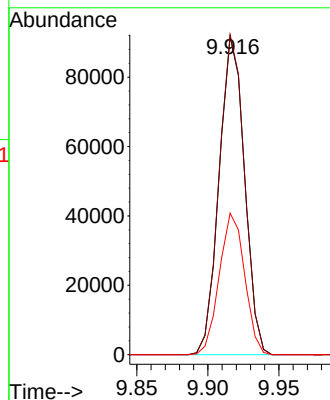
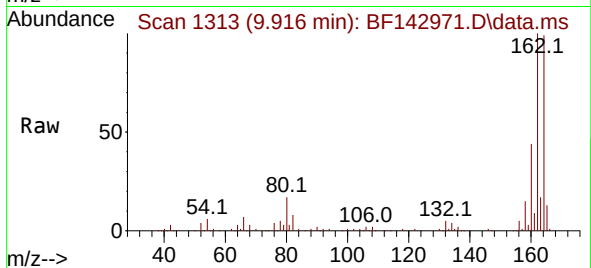
Tgt Ion:164 Resp: 113581

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

160 44.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.276 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Tgt Ion:216 Resp: 148386

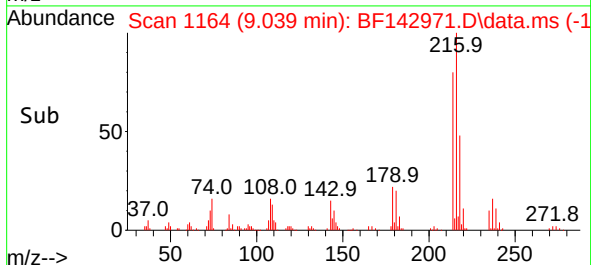
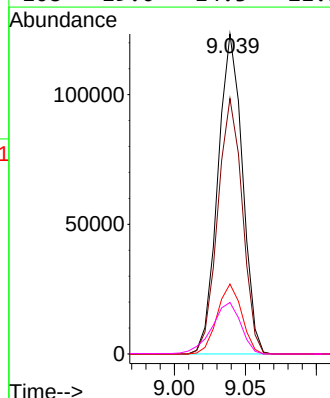
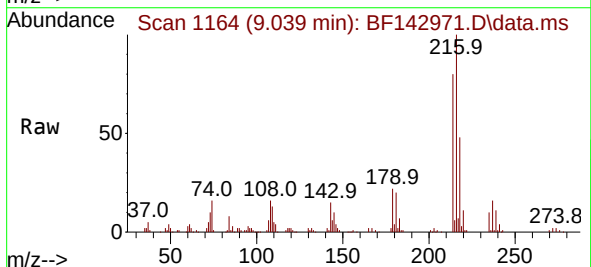
Ion Ratio Lower Upper

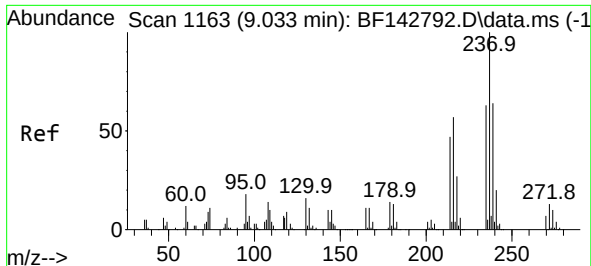
216 100

214 79.8 63.7 95.5

179 21.7 17.6 26.4

108 19.0 14.3 21.5

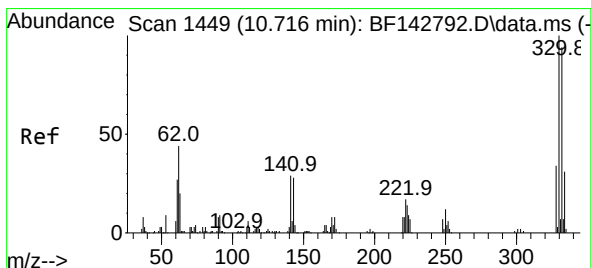
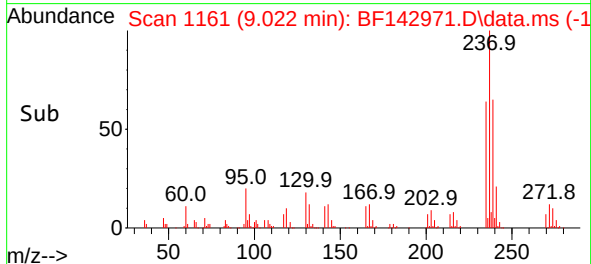
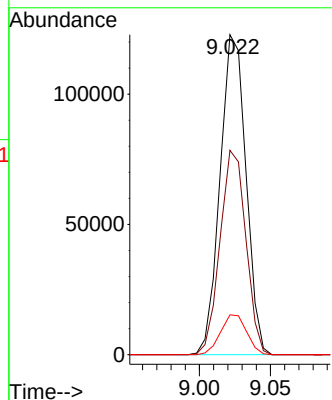
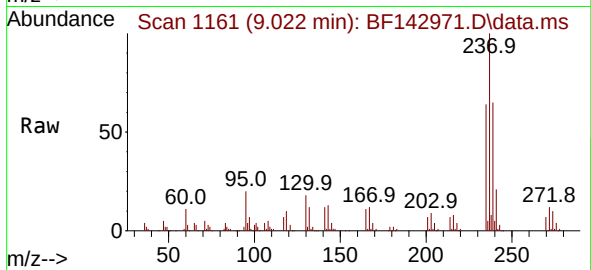




#41
Hexachlorocyclopentadiene
Concen: 81.870 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

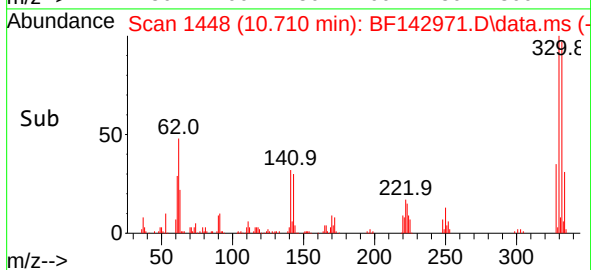
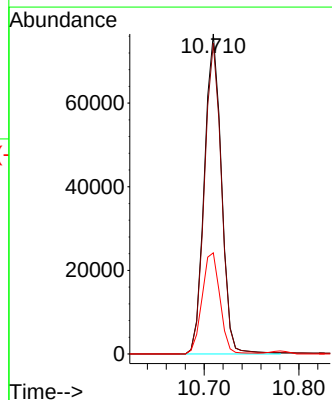
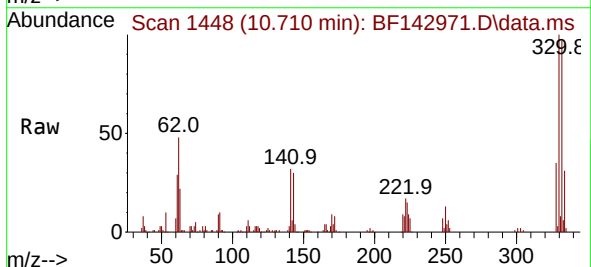
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

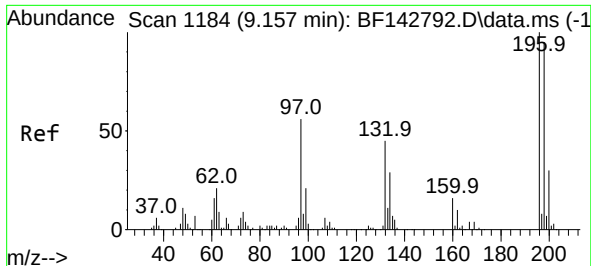
Tgt Ion:237 Resp: 155705
Ion Ratio Lower Upper
237 100
235 63.8 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 81.807 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

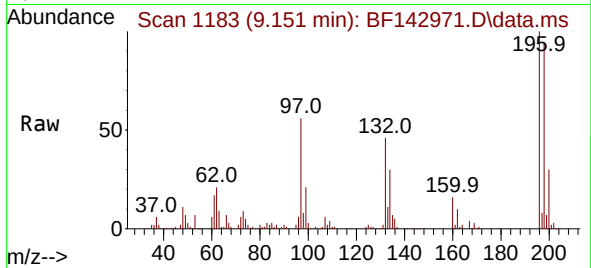
Tgt Ion:330 Resp: 95618
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 33.1 25.3 37.9



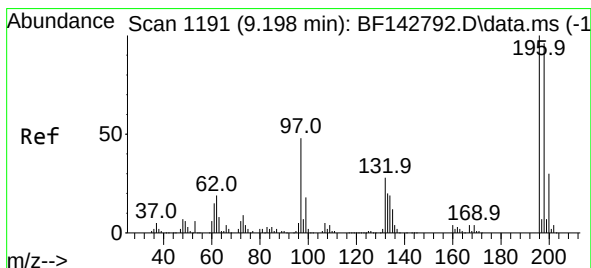
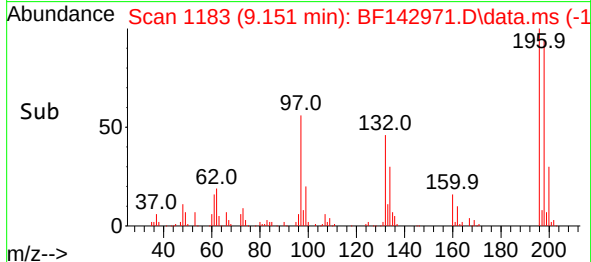
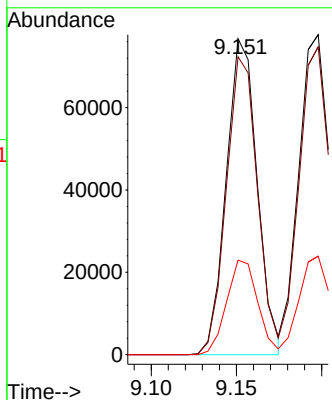


#43
2,4,6-Trichlorophenol
Concen: 44.414 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
TP-67MSD

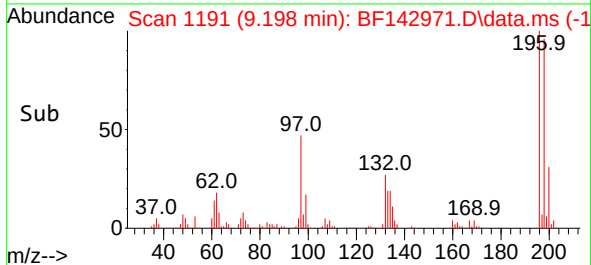
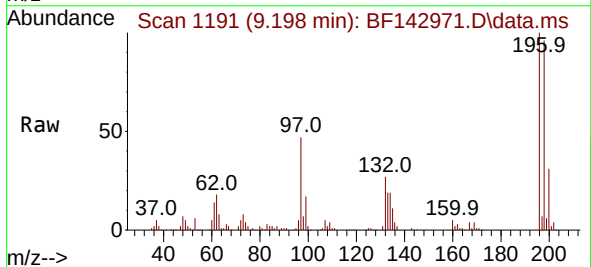
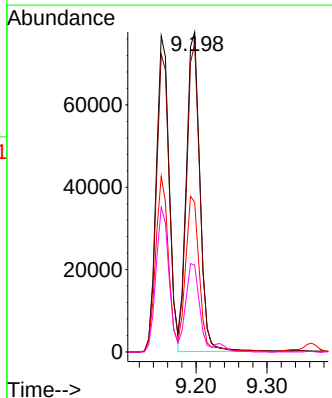


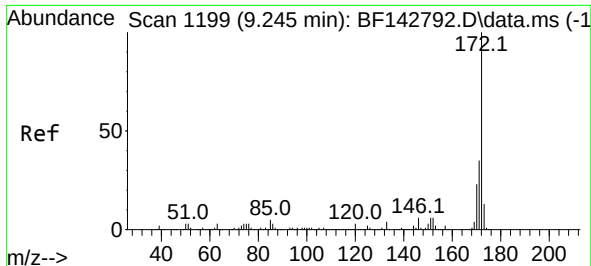
Tgt Ion:196 Resp: 96995
Ion Ratio Lower Upper
196 100
198 94.3 76.2 114.2
200 29.9 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.662 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:196 Resp: 102673
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 46.8 38.2 57.2
132 27.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 48.207 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

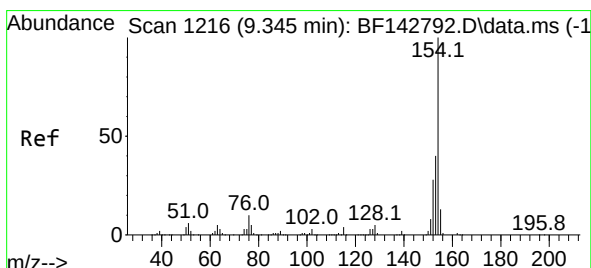
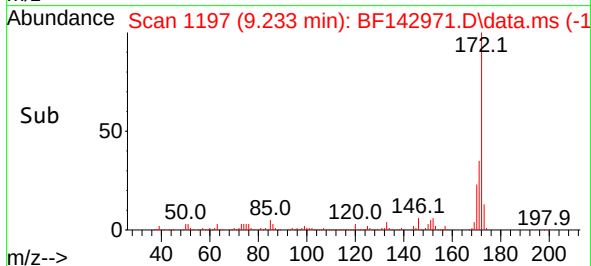
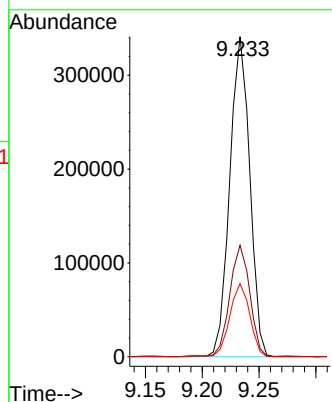
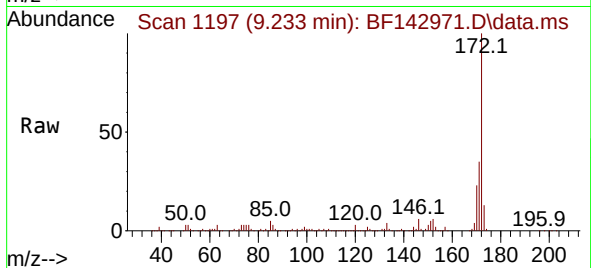
Tgt Ion:172 Resp: 416800

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.8 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.837 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.012 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

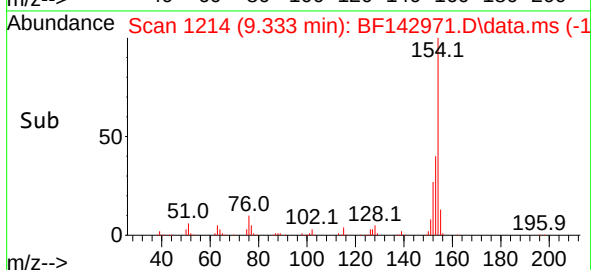
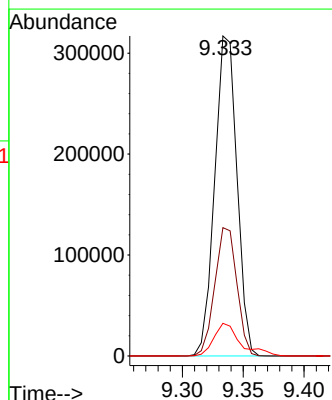
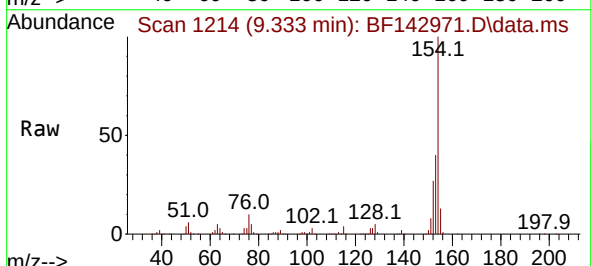
Tgt Ion:154 Resp: 402287

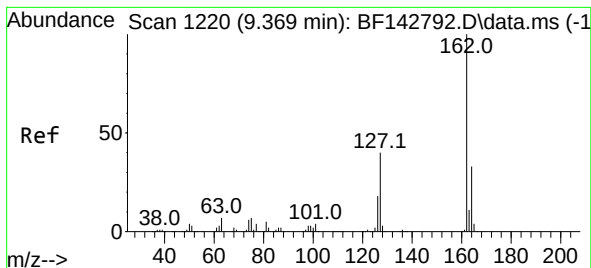
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.508 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

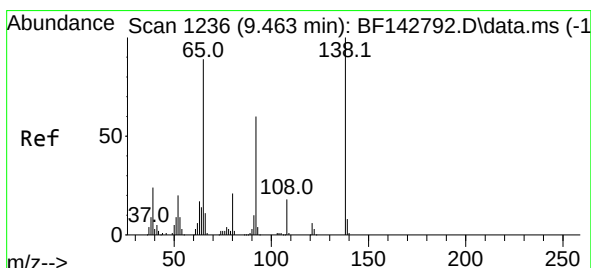
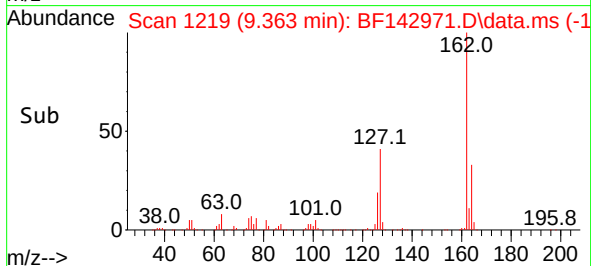
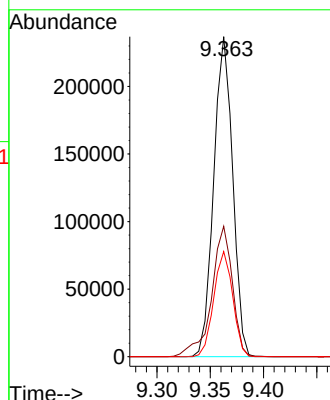
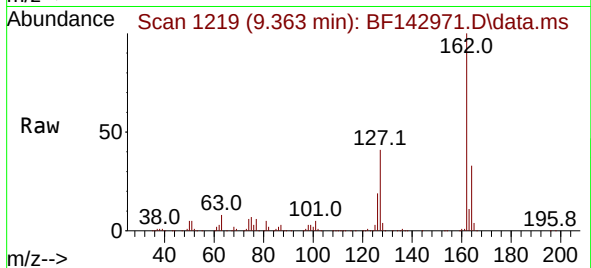
Tgt Ion:162 Resp: 292943

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 46.145 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

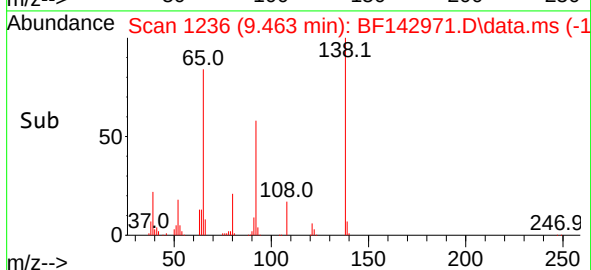
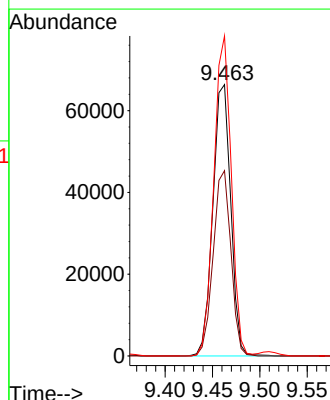
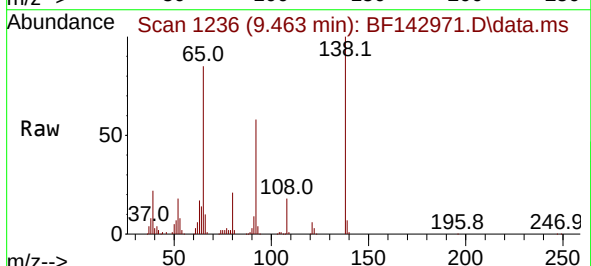
Tgt Ion: 65 Resp: 87106

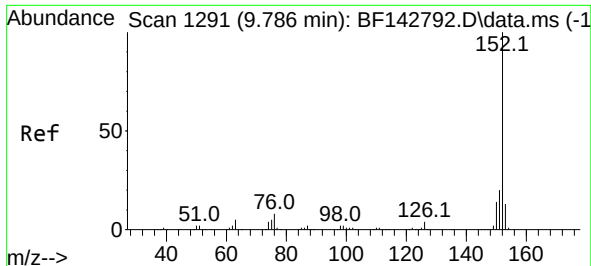
Ion Ratio Lower Upper

65 100

92 68.3 53.8 80.6

138 117.9 89.6 134.4

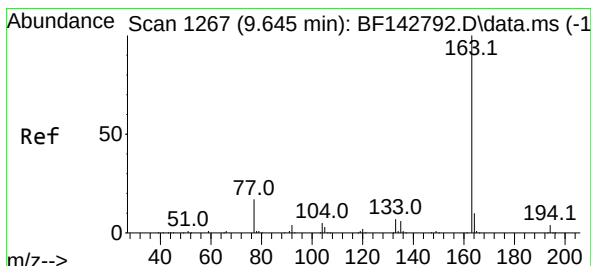
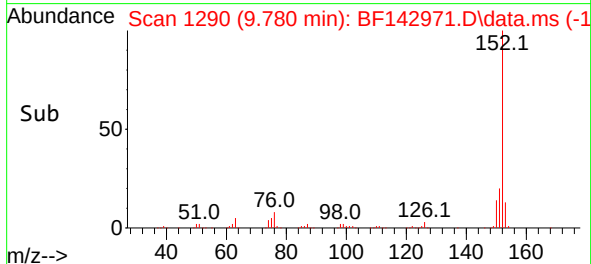
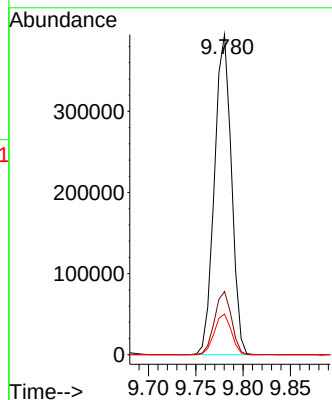
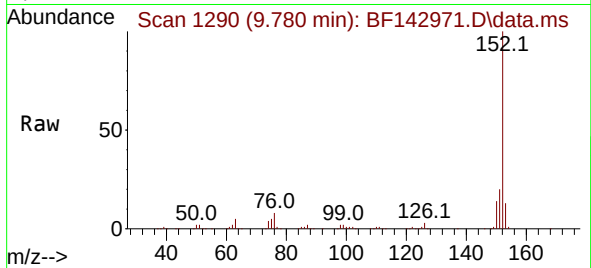




#49
Acenaphthylene
Concen: 44.365 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

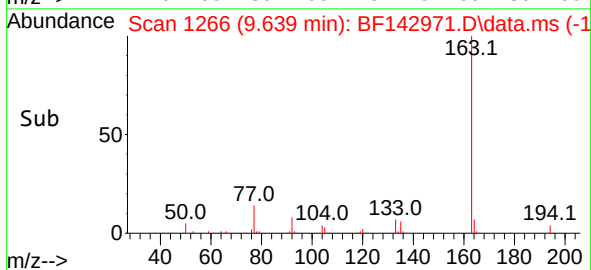
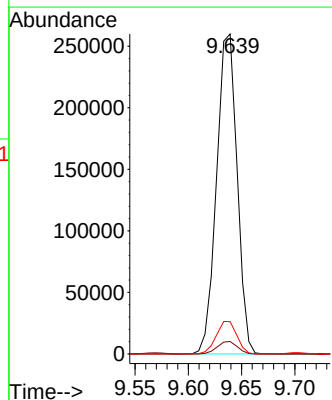
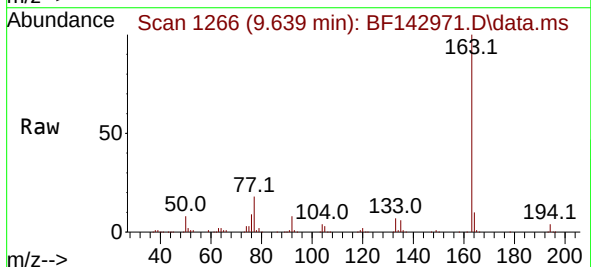
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

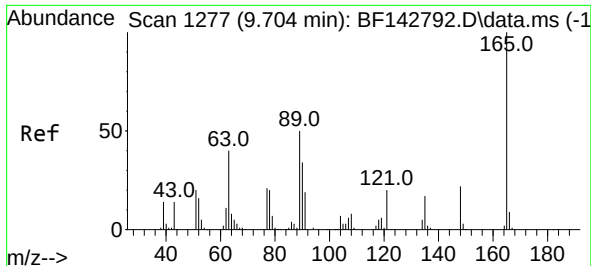
Tgt Ion:152 Resp: 491743
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 47.346 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:163 Resp: 348094
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.0 12.0

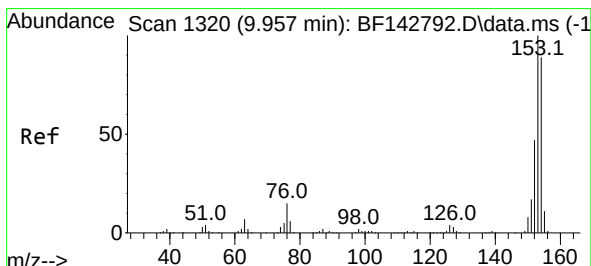
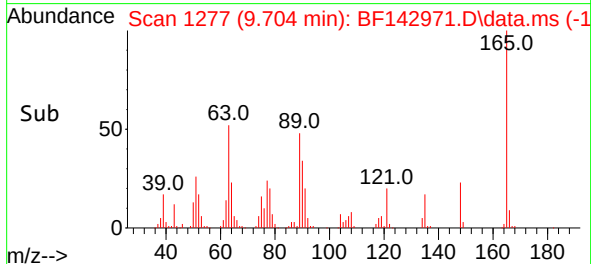
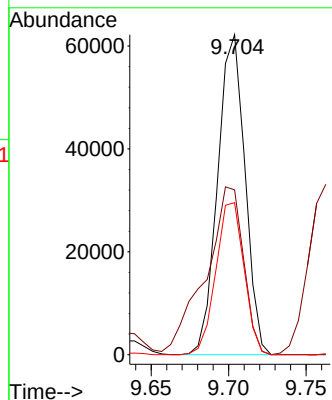
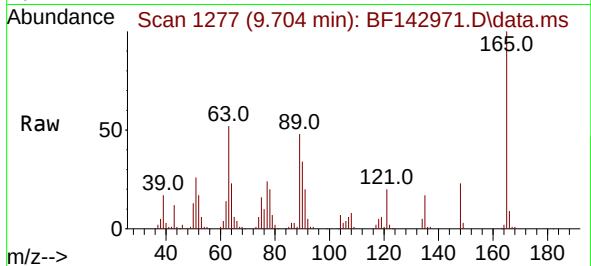




#51
2,6-Dinitrotoluene
Concen: 47.334 ng
RT: 9.704 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

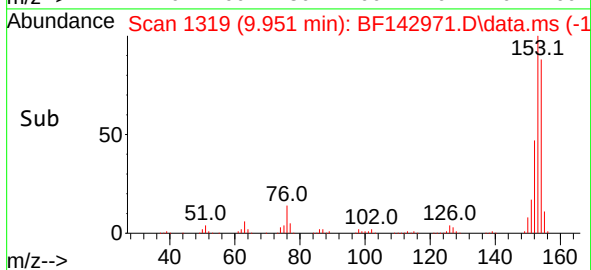
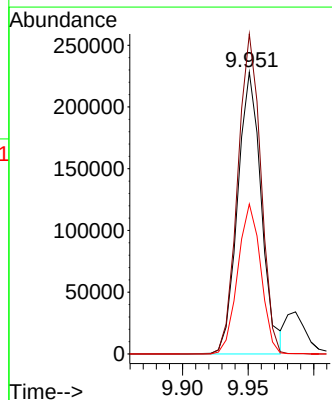
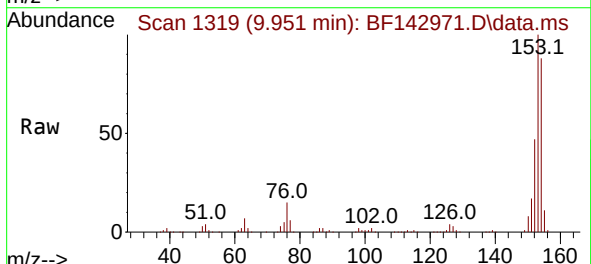
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

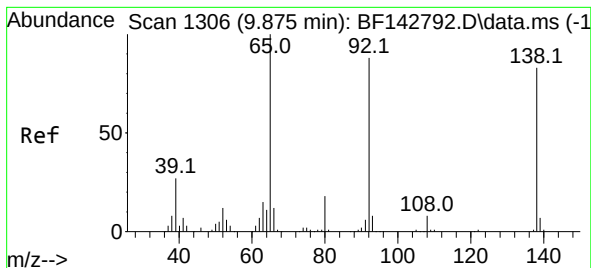
Tgt Ion:165 Resp: 76426
Ion Ratio Lower Upper
165 100
63 51.5 44.2 66.4
89 47.5 39.8 59.8



#52
Acenaphthene
Concen: 42.523 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:154 Resp: 287566
Ion Ratio Lower Upper
154 100
153 113.5 90.0 135.0
152 53.2 41.9 62.9





#53

3-Nitroaniline

Concen: 27.410 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

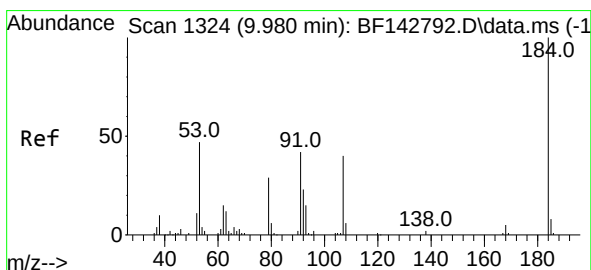
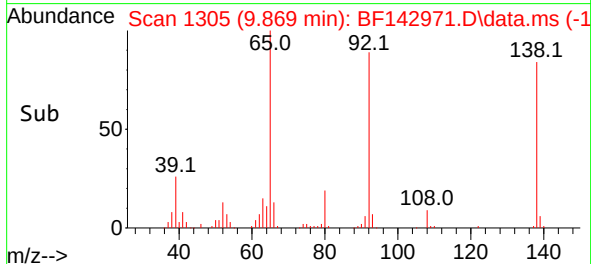
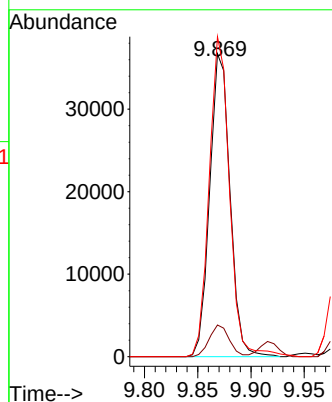
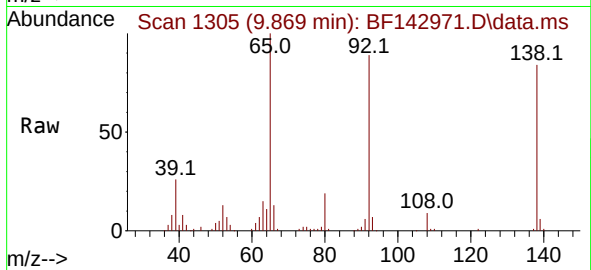
Tgt Ion:138 Resp: 48726

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

92 105.7 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 92.547 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

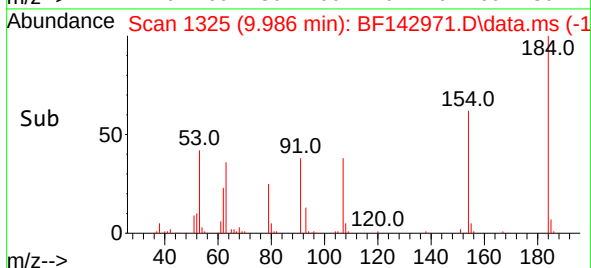
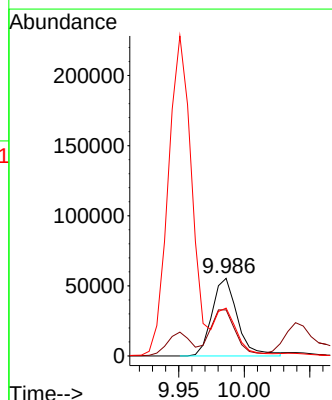
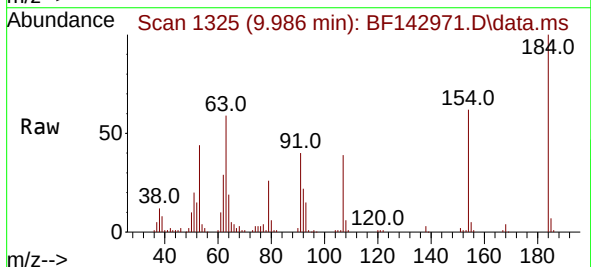
Tgt Ion:184 Resp: 74821

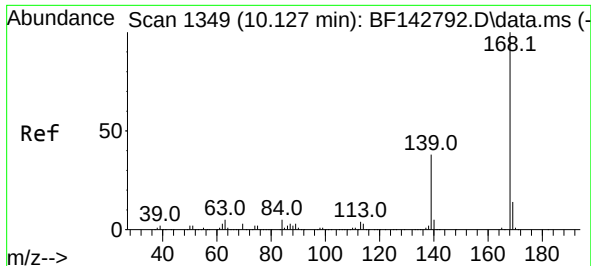
Ion Ratio Lower Upper

184 100

63 59.3 50.6 75.8

154 61.6 51.8 77.8

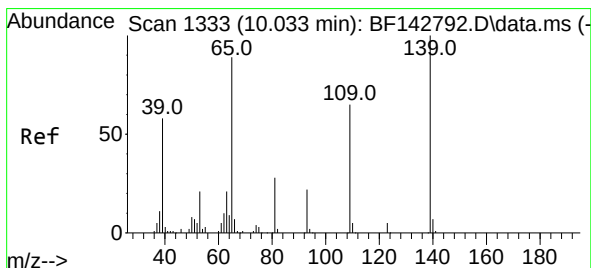
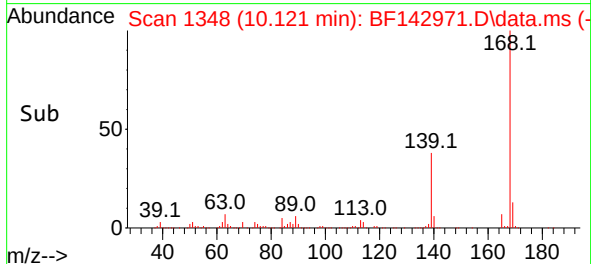
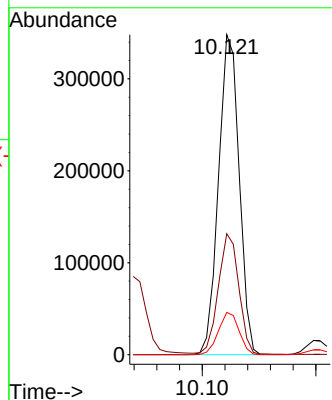
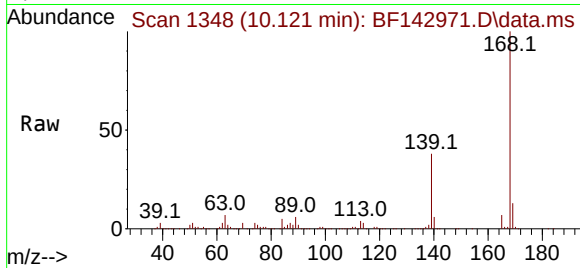




#55
Dibenzofuran
Concen: 45.297 ng
RT: 10.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

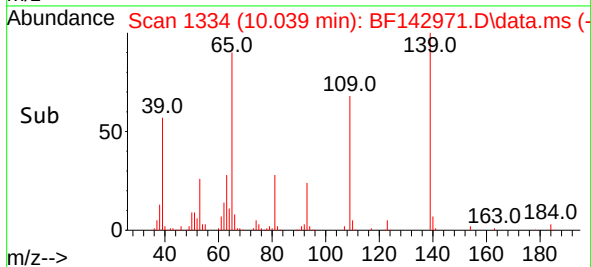
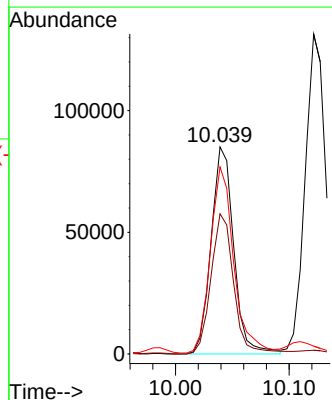
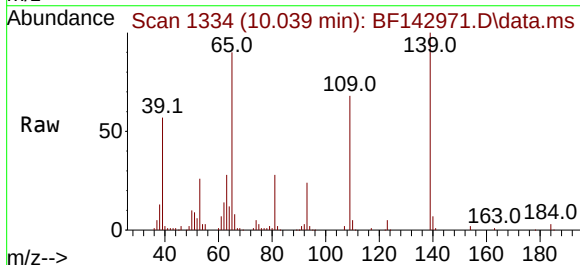
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

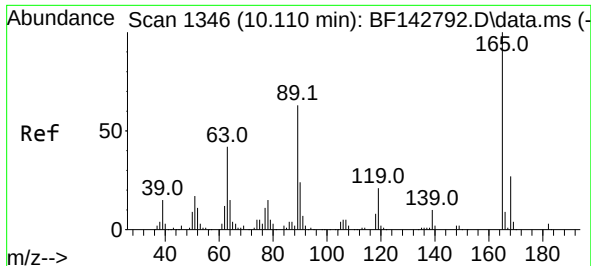
Tgt Ion:168 Resp: 439268
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 96.622 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:139 Resp: 117590
Ion Ratio Lower Upper
139 100
109 67.7 44.7 84.7
65 90.4 69.8 109.8

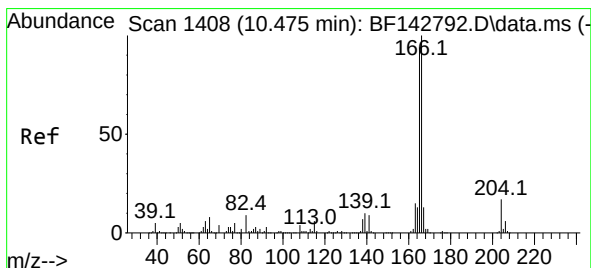
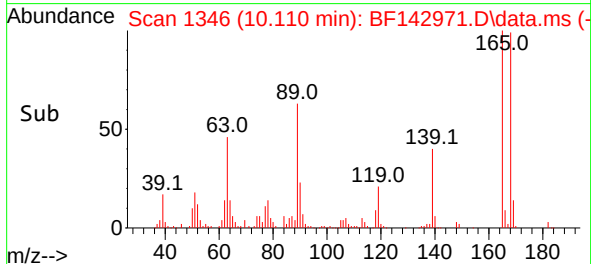
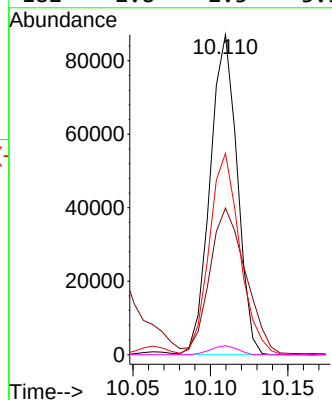
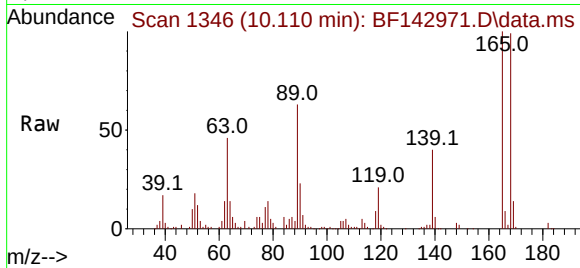




#57
2,4-Dinitrotoluene
Concen: 49.367 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

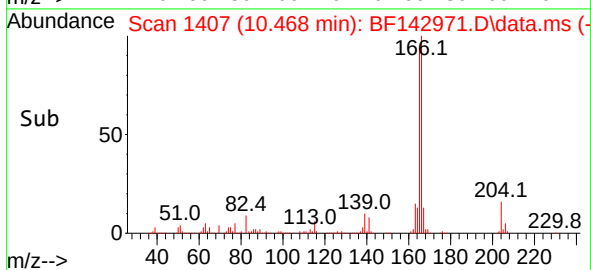
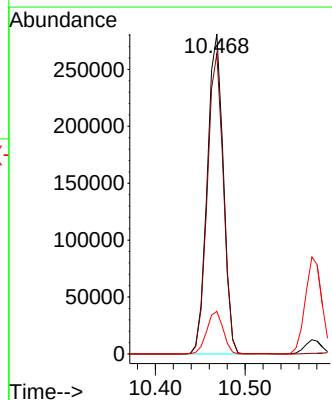
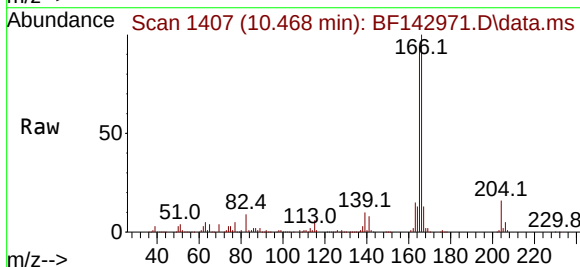
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

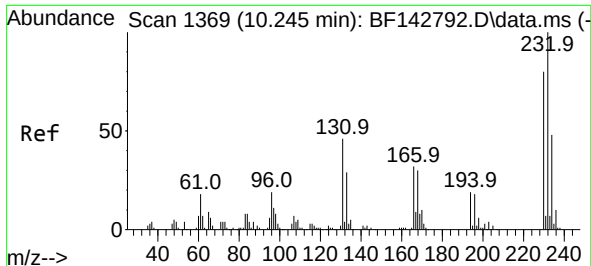
Tgt Ion:165 Resp: 105877
Ion Ratio Lower Upper
165 100
63 45.8 33.9 50.9
89 62.9 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 46.165 ng
RT: 10.468 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:166 Resp: 349636
Ion Ratio Lower Upper
166 100
165 93.9 75.2 112.8
167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.961 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

Tgt Ion:232 Resp: 85167

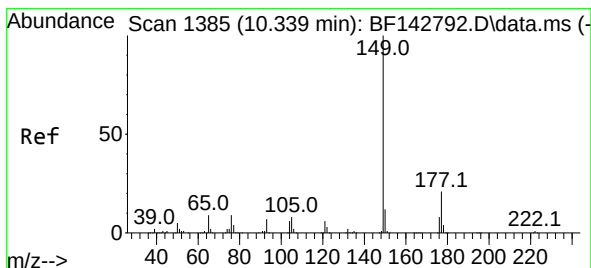
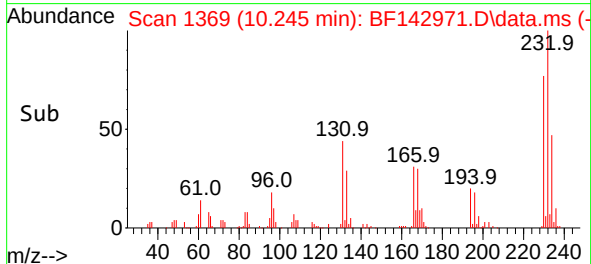
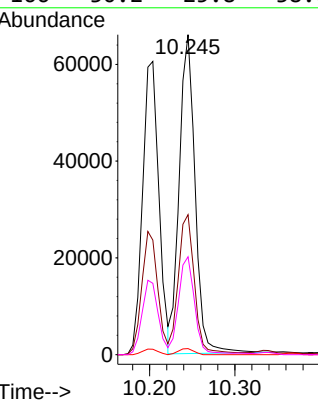
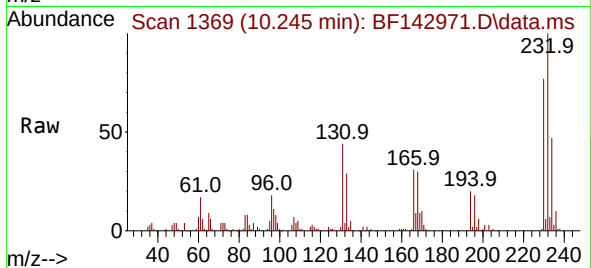
Ion Ratio Lower Upper

232 100

131 45.0 37.6 56.4

130 1.9 1.7 2.5

166 30.2 25.8 38.6



#60

Diethylphthalate

Concen: 48.772 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

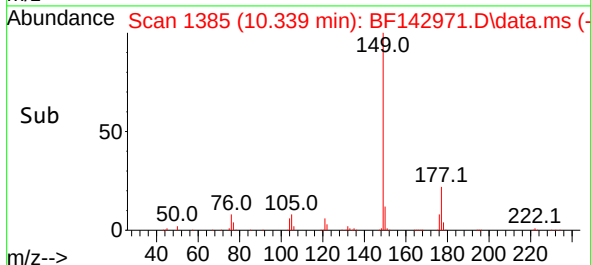
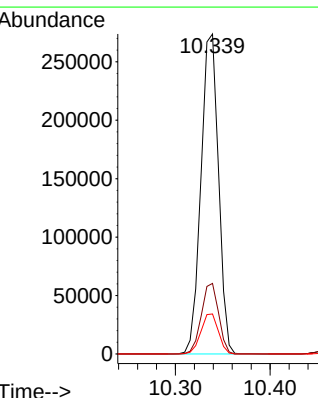
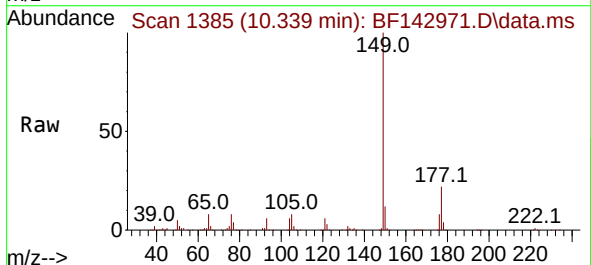
Tgt Ion:149 Resp: 351584

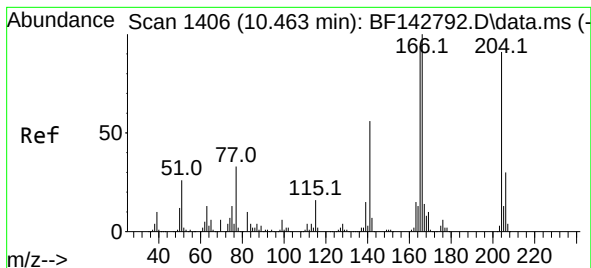
Ion Ratio Lower Upper

149 100

177 22.1 17.0 25.6

150 12.5 9.8 14.6

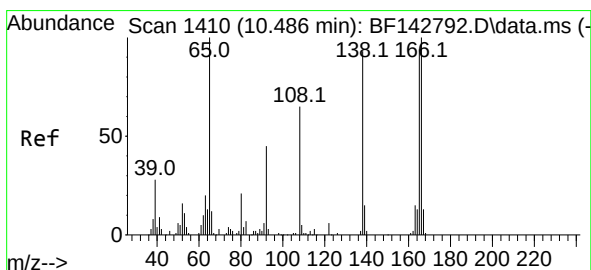
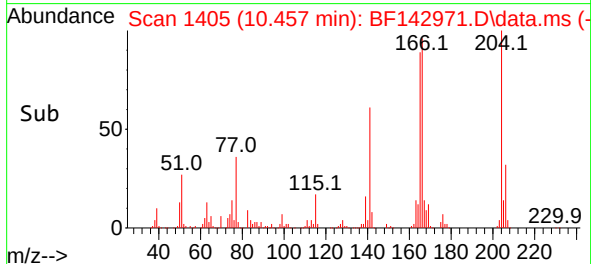
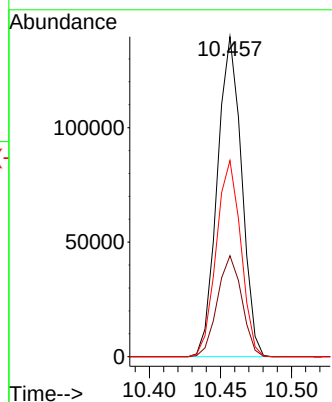
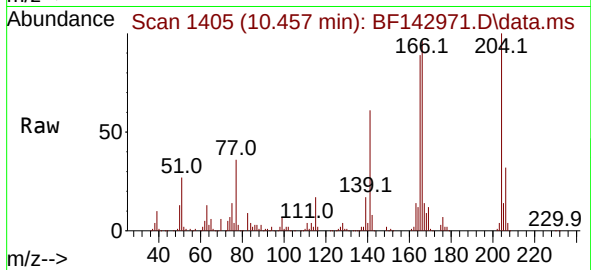




#61
4-Chlorophenyl-phenylether
Concen: 46.033 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

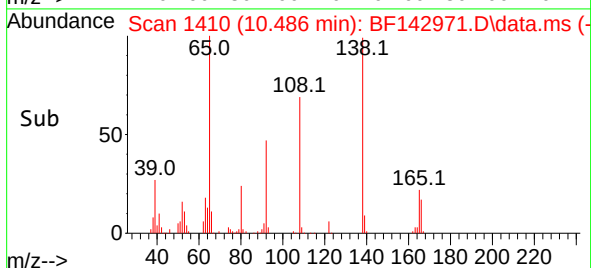
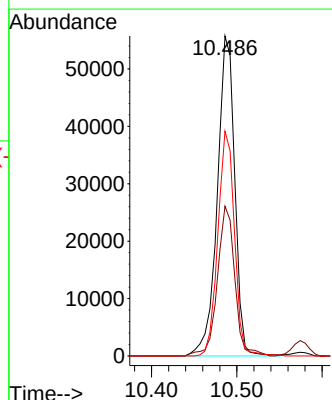
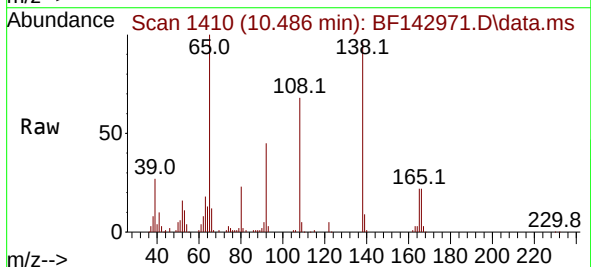
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

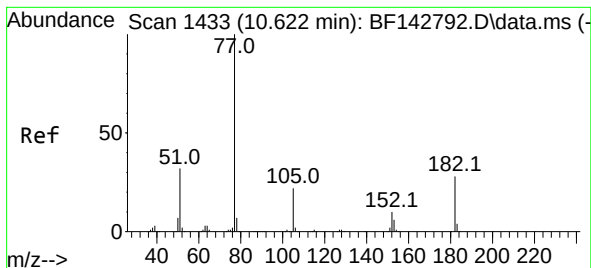
Tgt Ion:204 Resp: 166362
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 61.3 49.1 73.7



#62
4-Nitroaniline
Concen: 48.833 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:138 Resp: 79394
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 70.3 50.2 90.2





#63

Azobenzene

Concen: 49.302 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

Tgt Ion: 77 Resp: 317643

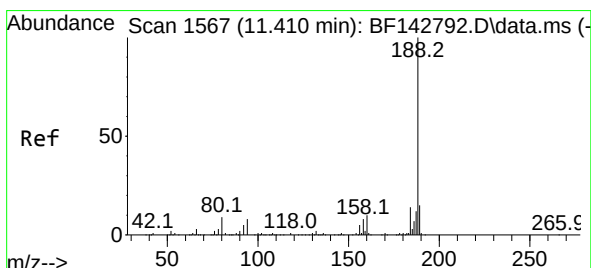
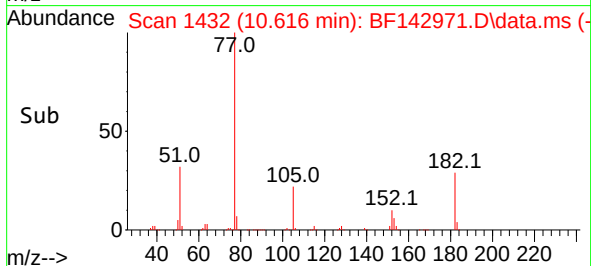
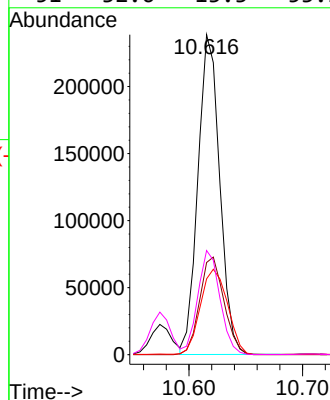
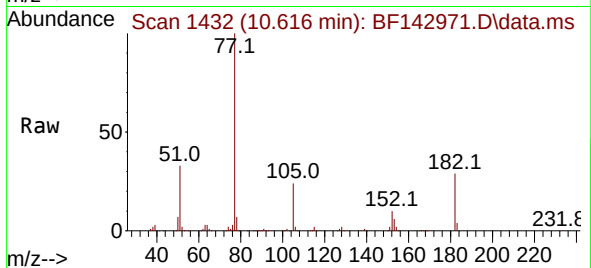
Ion Ratio Lower Upper

77 100

182 28.8 7.7 47.7

105 23.7 1.9 41.9

51 32.6 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: BF142971.D

Acq: 02 Jul 2025 15:17

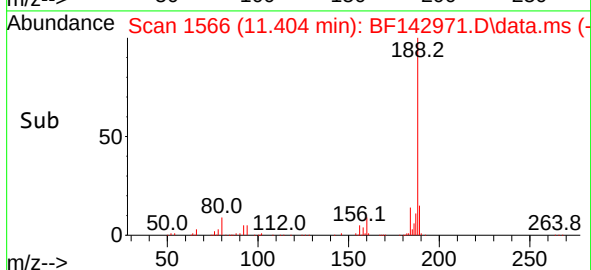
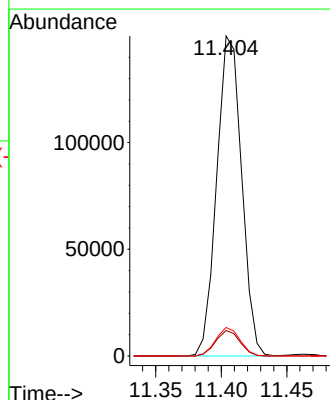
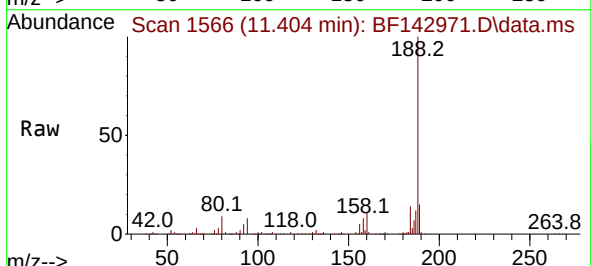
Tgt Ion: 188 Resp: 197962

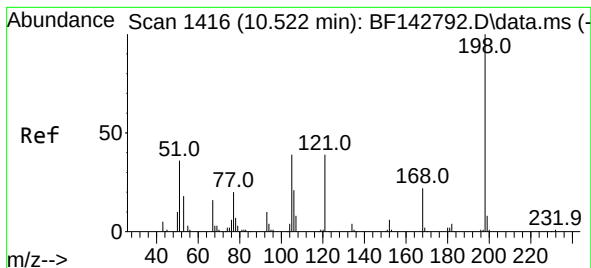
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.9 6.9 10.3

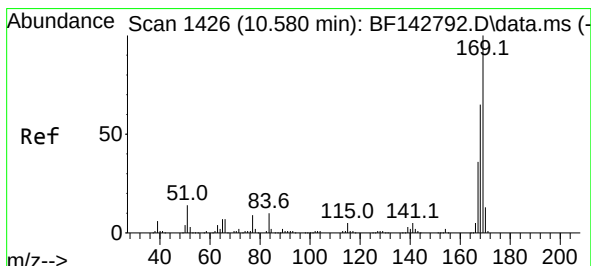
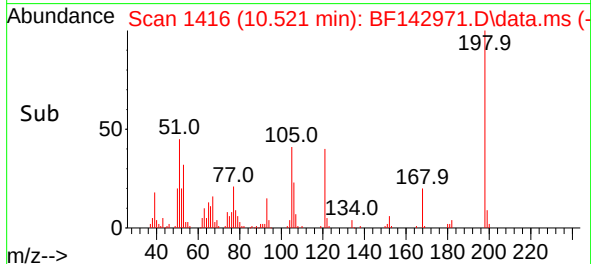
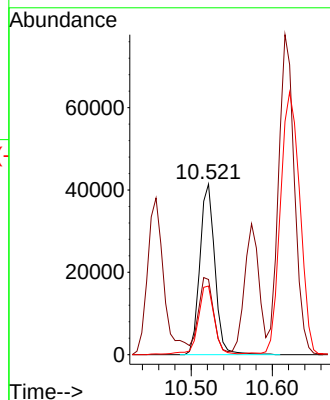
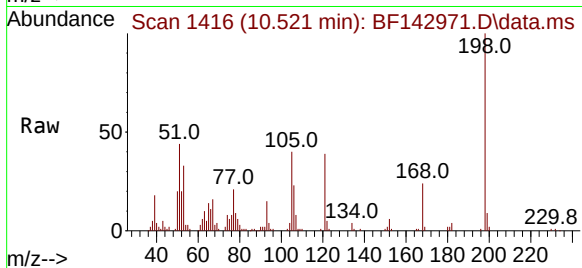




#65
4,6-Dinitro-2-methylphenol
Concen: 44.488 ng
RT: 10.521 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

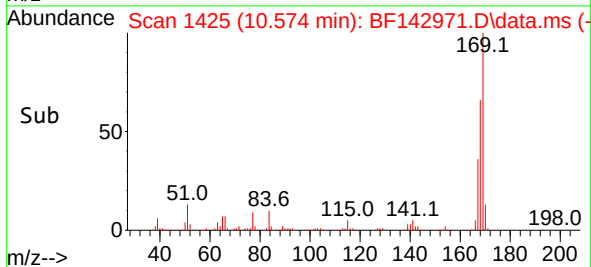
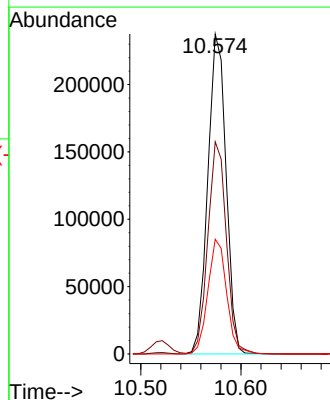
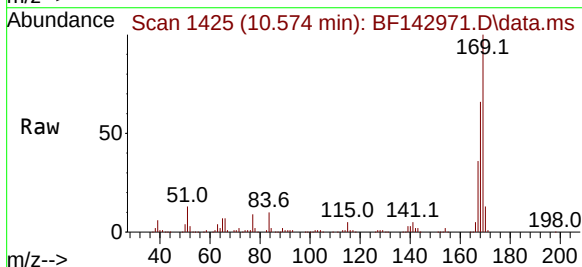
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

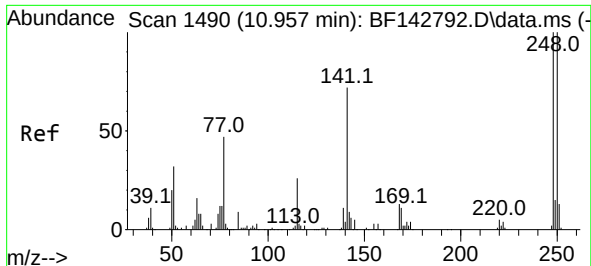
Tgt Ion:198 Resp: 53270
Ion Ratio Lower Upper
198 100
51 44.1 25.4 65.4
105 40.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.845 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:169 Resp: 300816
Ion Ratio Lower Upper
169 100
168 66.3 51.9 77.9
167 35.8 28.5 42.7

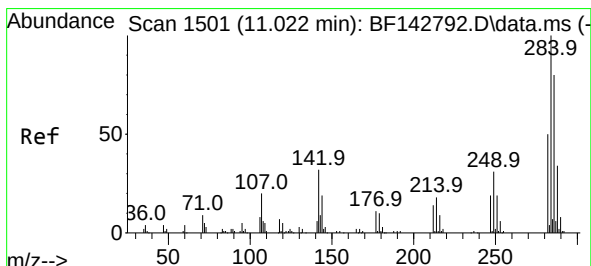
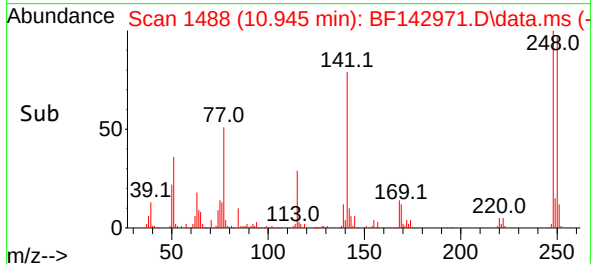
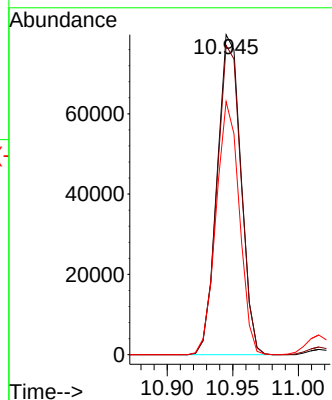
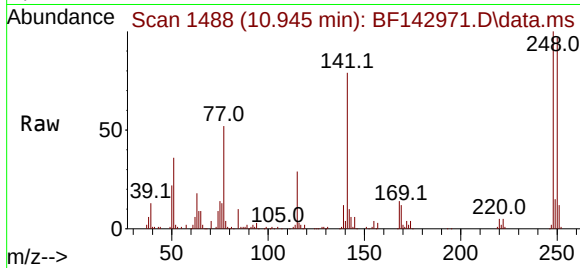




#67
4-Bromophenyl-phenylether
Concen: 44.736 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

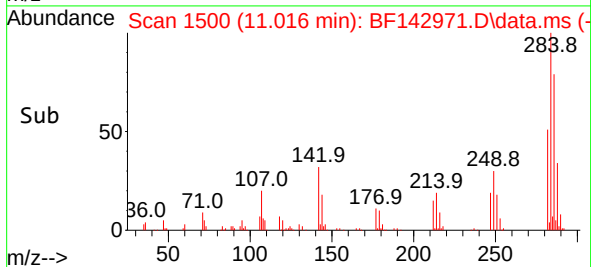
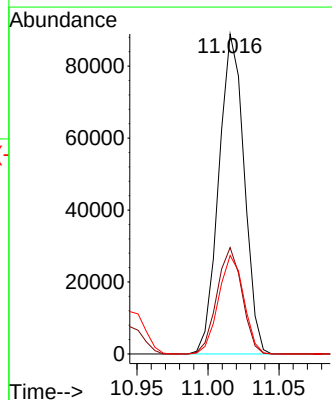
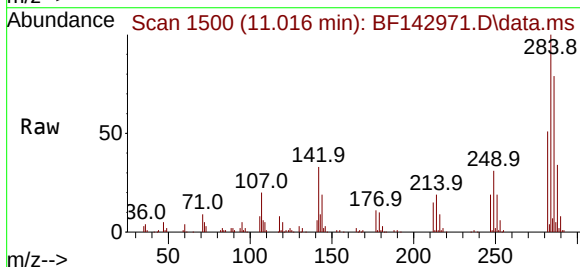
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

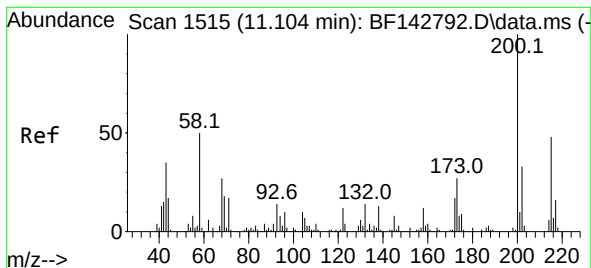
Tgt Ion:248 Resp: 100791
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 79.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.155 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:284 Resp: 110539
Ion Ratio Lower Upper
284 100
142 33.3 25.5 38.3
249 30.8 24.9 37.3





#69

Atrazine

Concen: 53.011 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

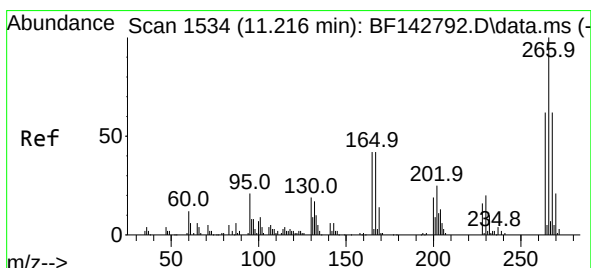
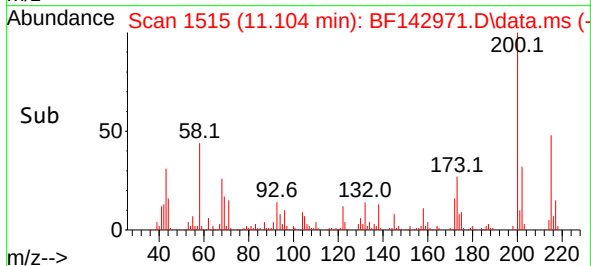
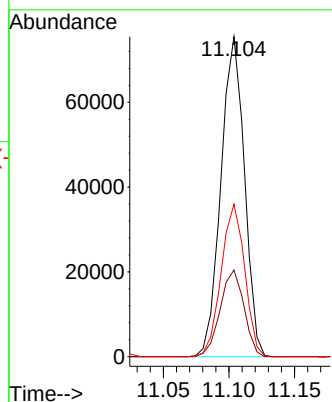
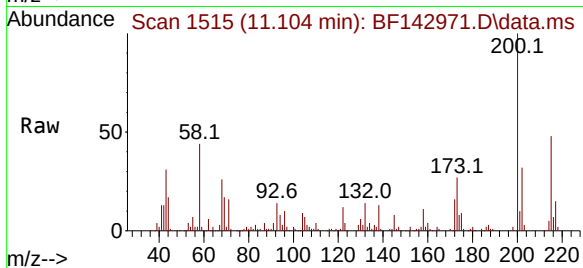
Tgt Ion:200 Resp: 93920

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

215 47.6 28.4 68.4



#70

Pentachlorophenol

Concen: 84.262 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

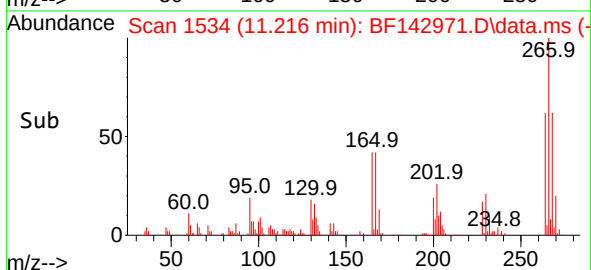
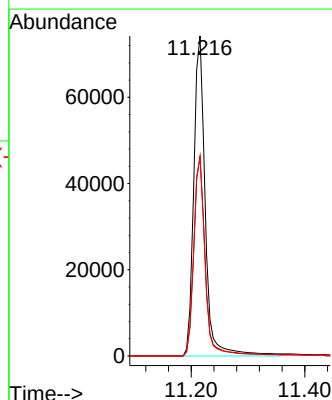
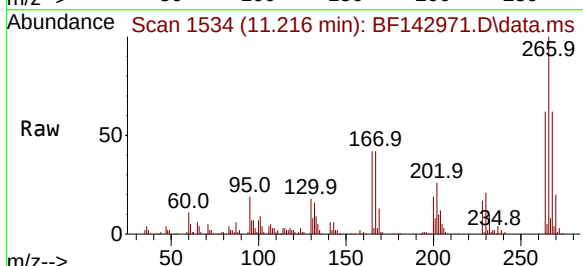
Tgt Ion:266 Resp: 105114

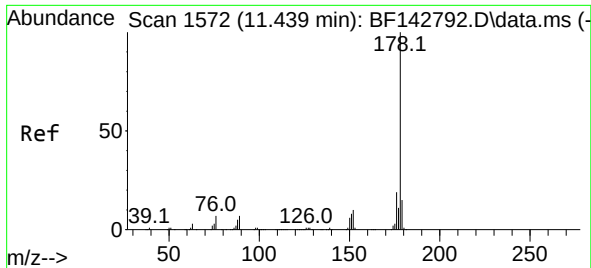
Ion Ratio Lower Upper

266 100

268 62.3 49.8 74.8

264 62.2 49.9 74.9

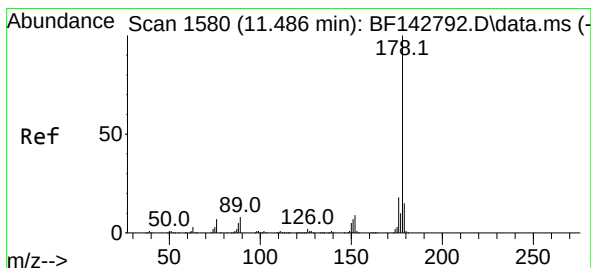
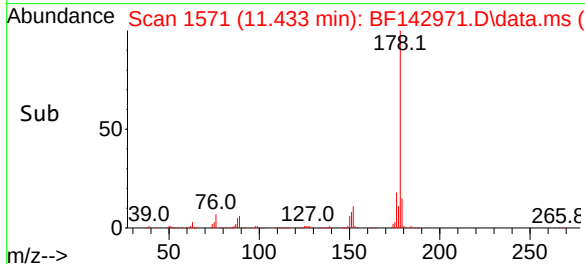
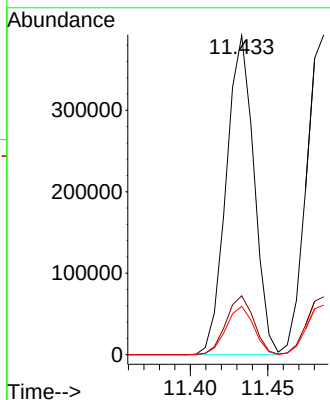
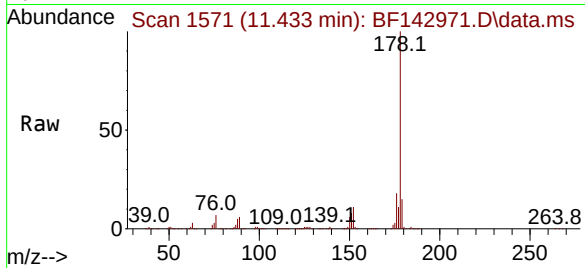




#71
Phenanthrene
Concen: 45.388 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

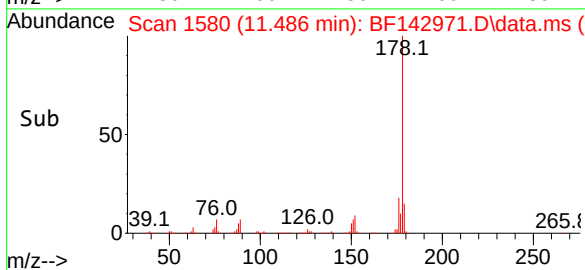
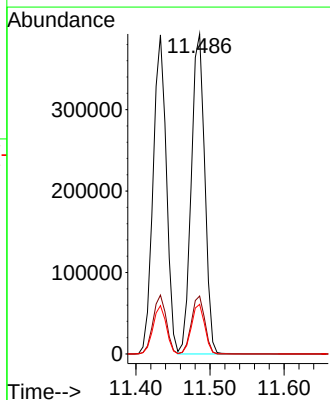
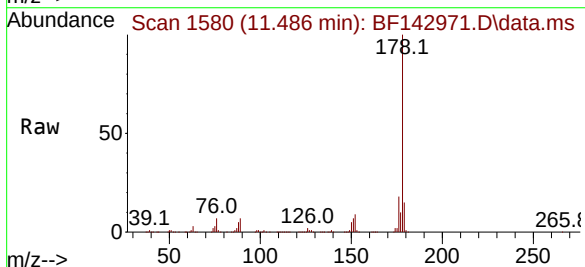
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

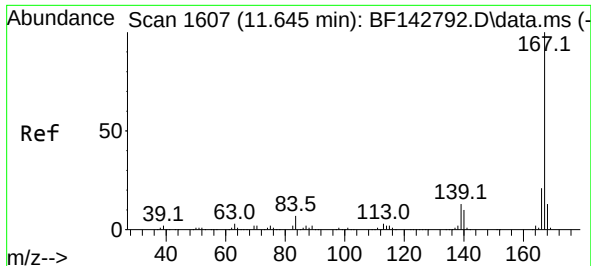
Tgt Ion:178 Resp: 486722
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 44.924 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

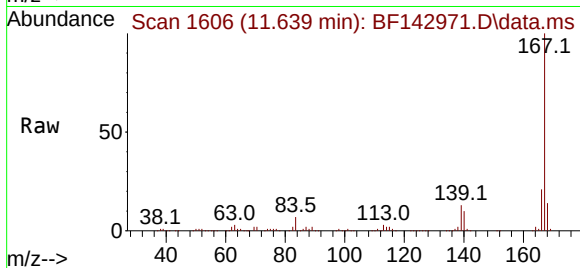
Tgt Ion:178 Resp: 494071
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.5 12.4 18.6



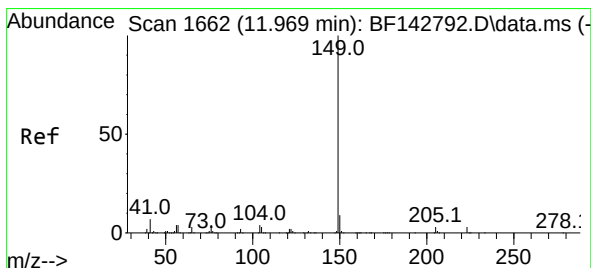
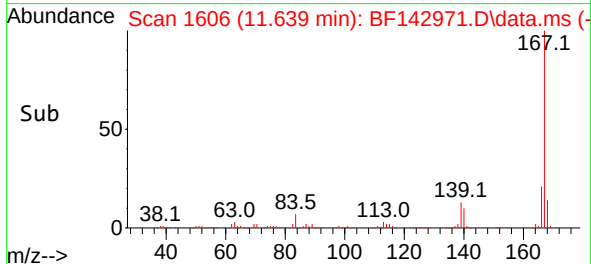
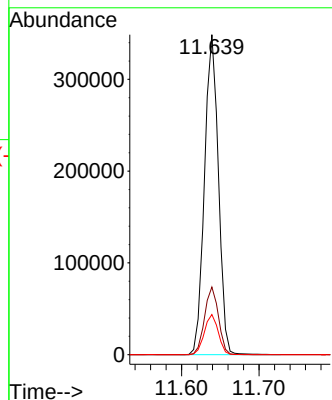


#73
 Carbazole
 Concen: 45.832 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-67MSD

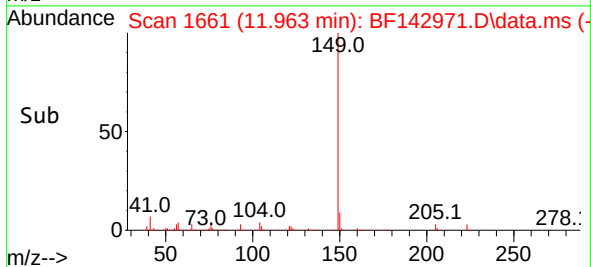
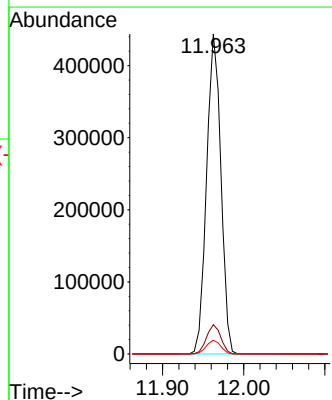
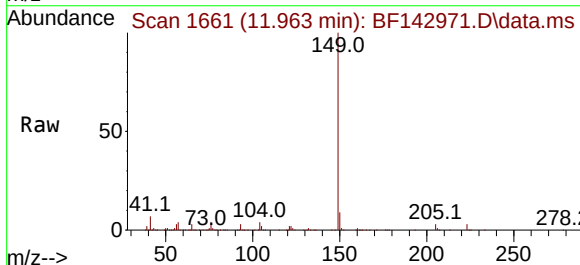


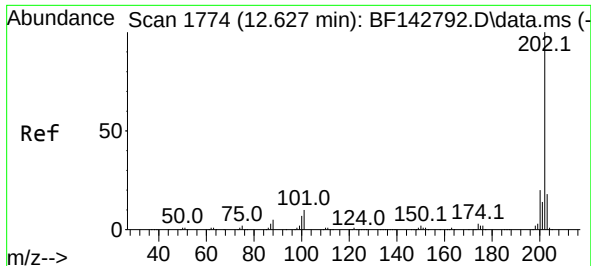
Tgt Ion:167 Resp: 434982
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 54.691 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

Tgt Ion:149 Resp: 540733
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.3 3.5 5.3

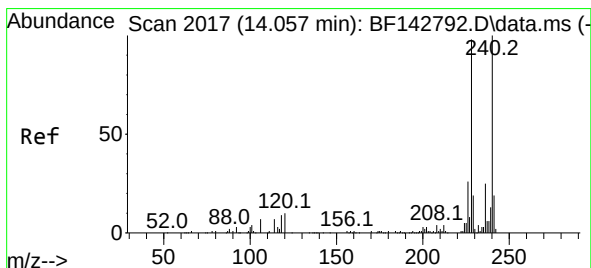
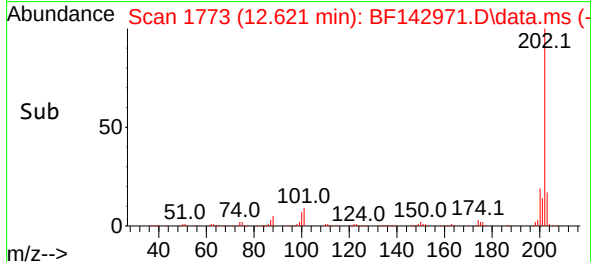
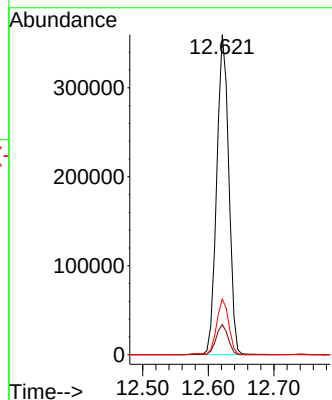
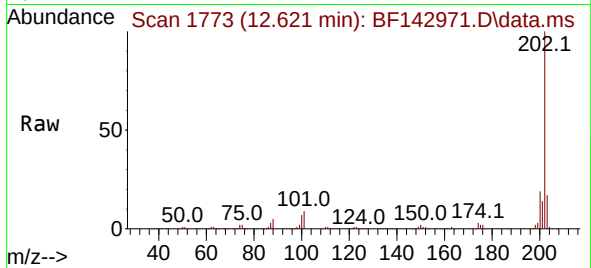




#75
Fluoranthene
Concen: 45.071 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

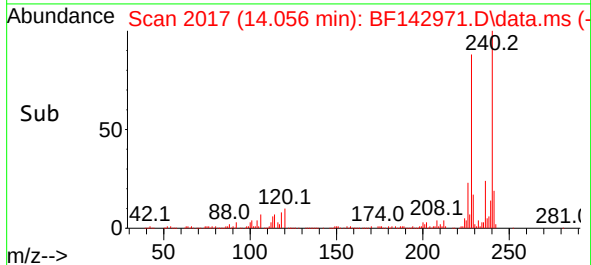
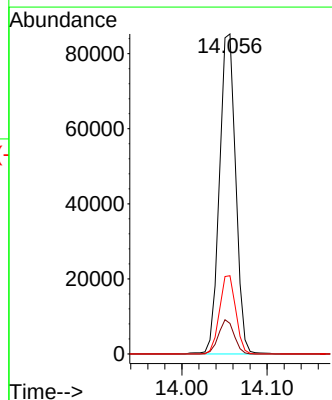
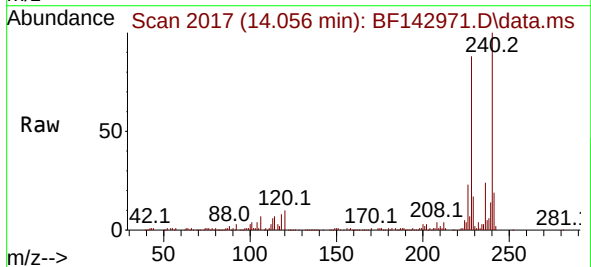
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

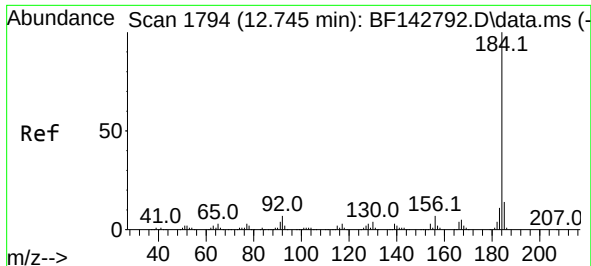
Tgt Ion:202 Resp: 458695
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:240 Resp: 113049
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.5 19.8 29.8

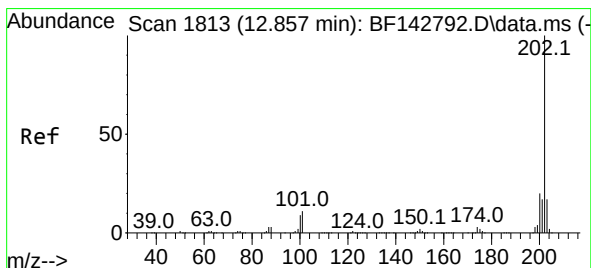
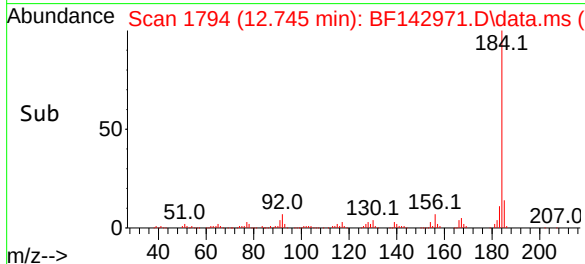
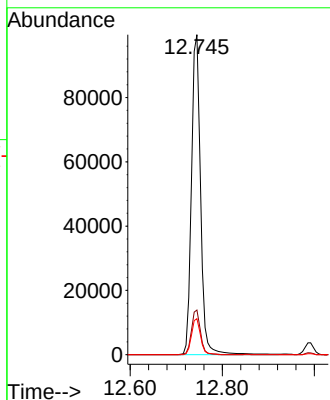
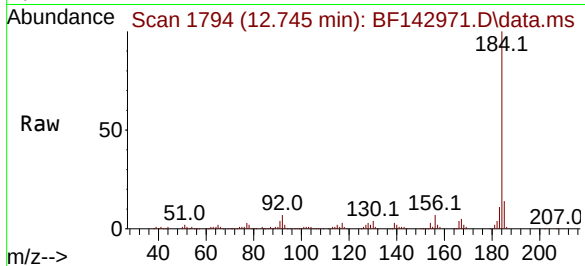




#77
Benzidine
Concen: 32.102 ng
RT: 12.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

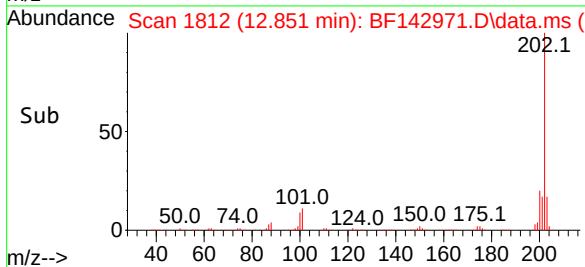
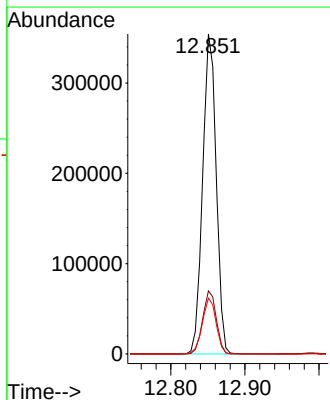
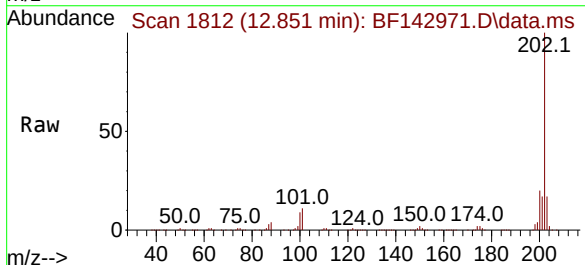
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

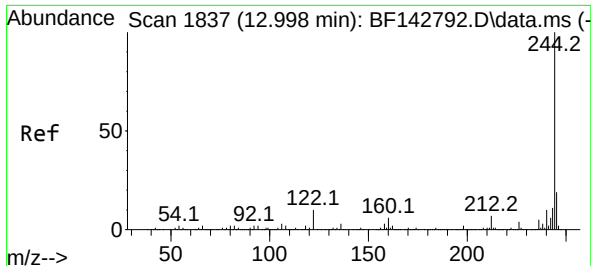
Tgt Ion:184 Resp: 136349
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.3 9.0 13.4



#78
Pyrene
Concen: 42.532 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:202 Resp: 450689
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.5 13.8 20.6

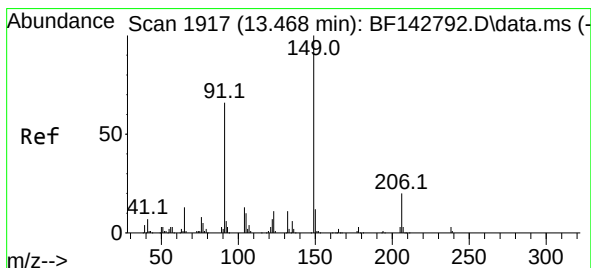
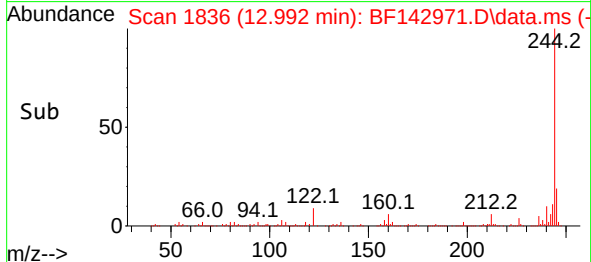
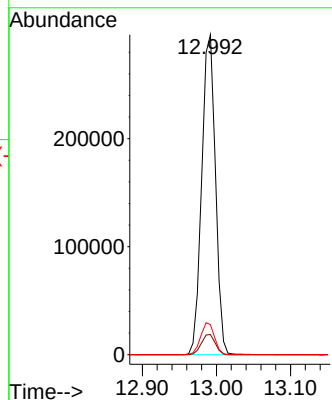
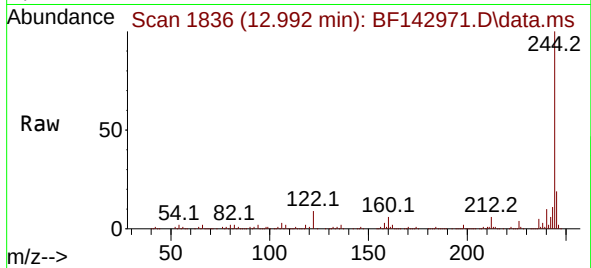




#79
 Terphenyl-d14
 Concen: 46.594 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

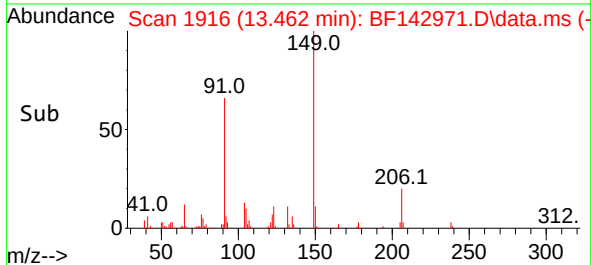
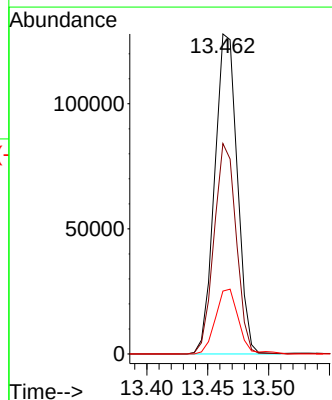
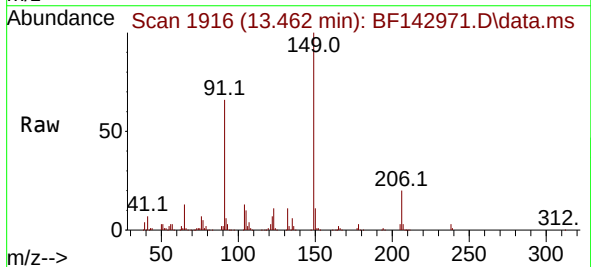
Instrument :
 BNA_F
 ClientSampleId :
 TP-67MSD

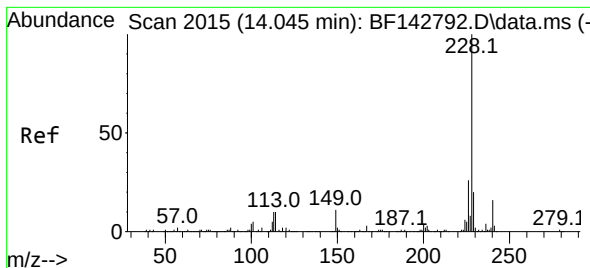
Tgt Ion:244 Resp: 381225
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 53.871 ng
 RT: 13.462 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142971.D
 Acq: 02 Jul 2025 15:17

Tgt Ion:149 Resp: 165587
 Ion Ratio Lower Upper
 149 100
 91 65.8 52.9 79.3
 206 19.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.929 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

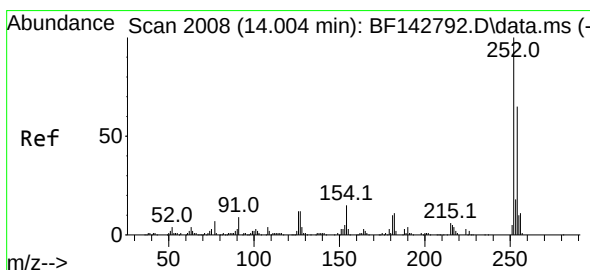
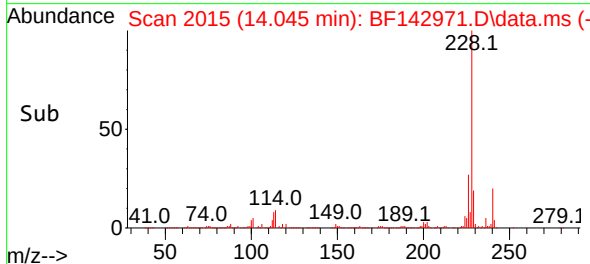
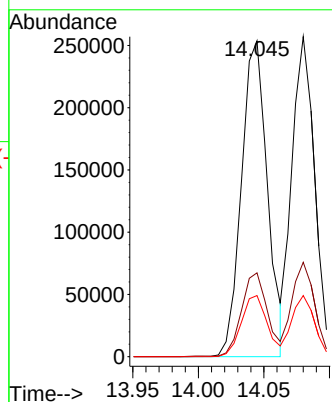
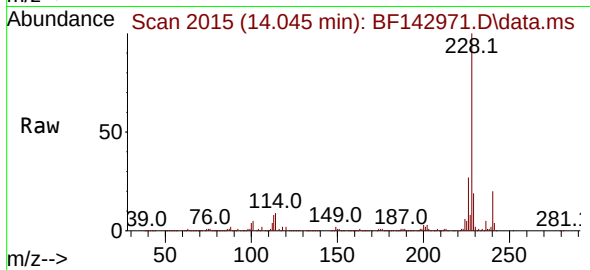
Tgt Ion:228 Resp: 350275

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 17.507 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

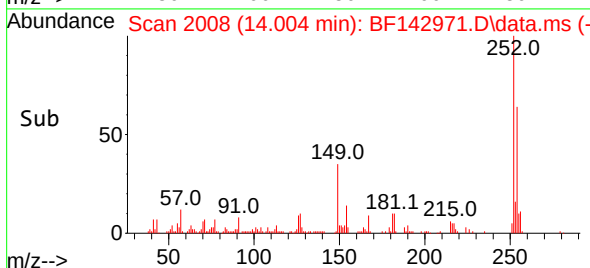
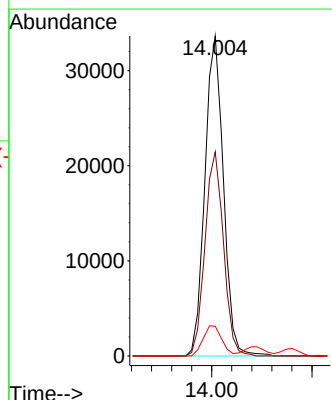
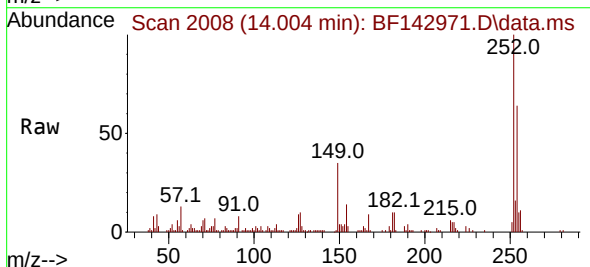
Tgt Ion:252 Resp: 43306

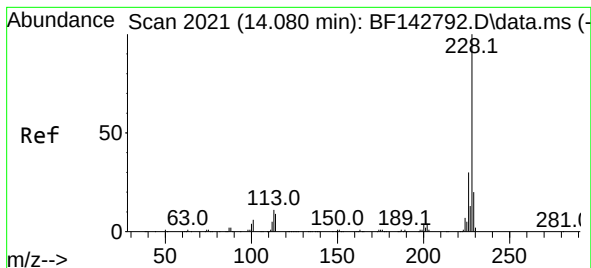
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 9.3 9.4 14.2#





#83

Chrysene

Concen: 45.400 ng

RT: 14.080 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

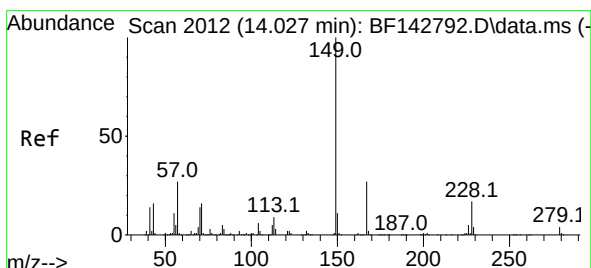
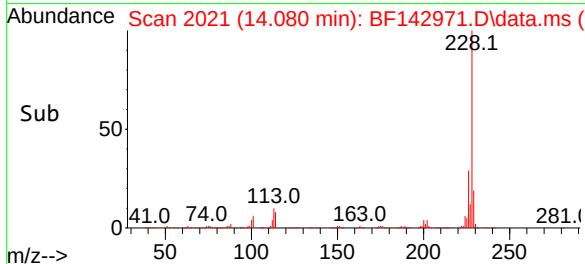
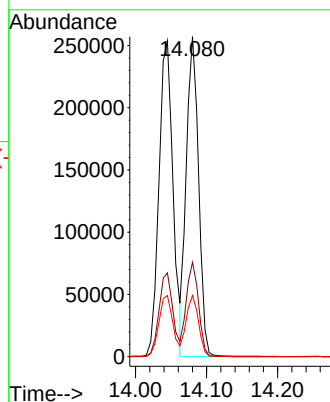
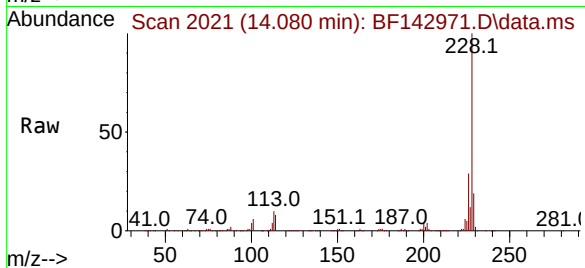
Tgt Ion:228 Resp: 308955

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.850 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

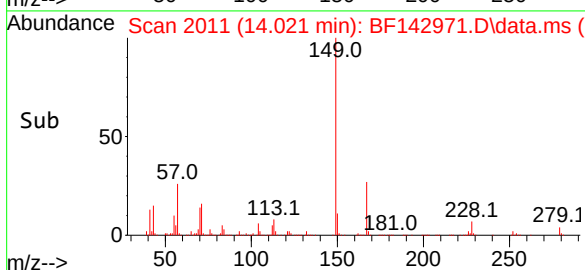
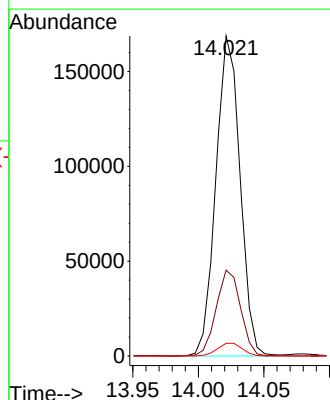
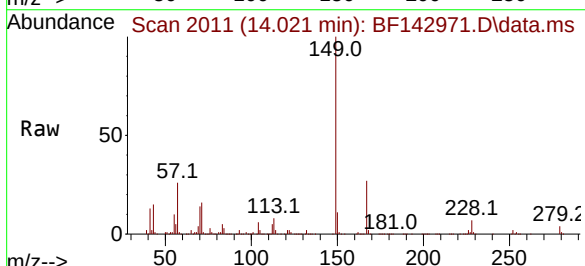
Tgt Ion:149 Resp: 216038

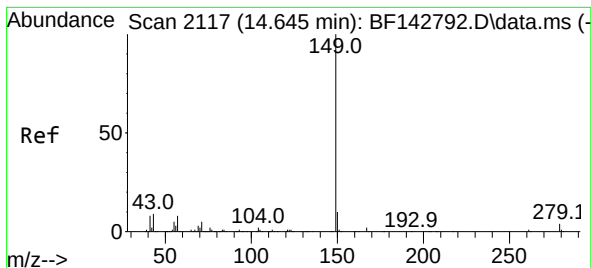
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.0 4.6

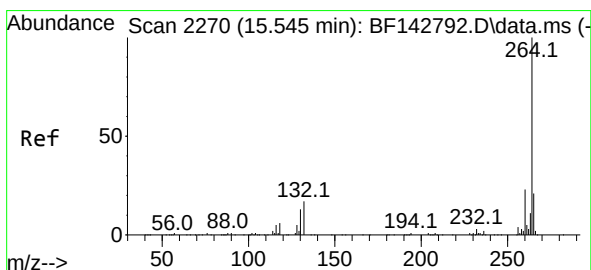
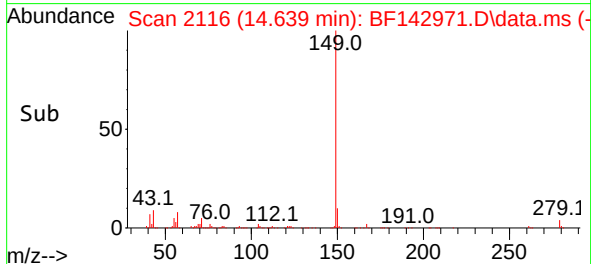
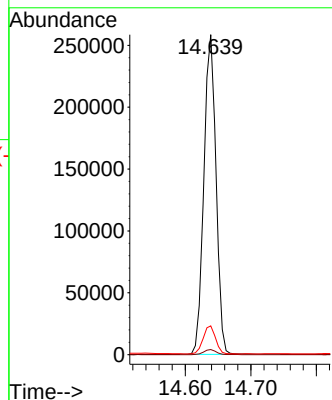
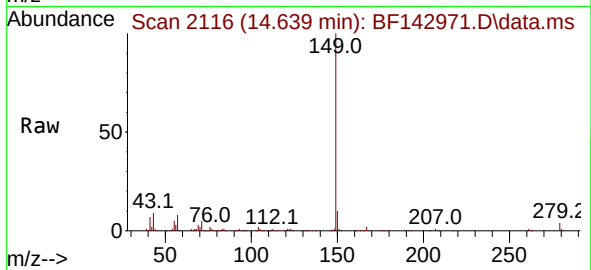




#85
Di-n-octyl phthalate
Concen: 40.051 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

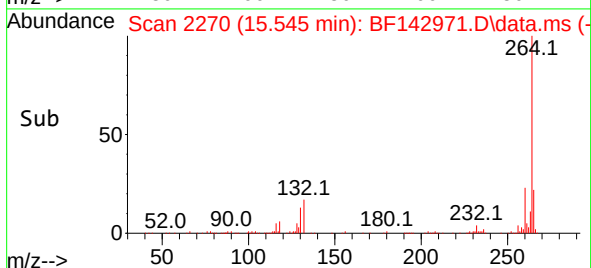
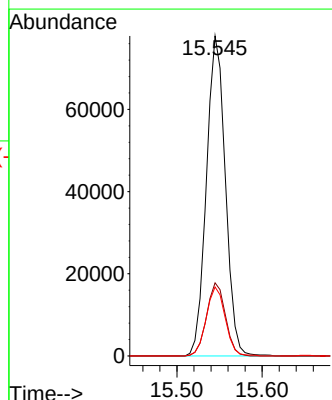
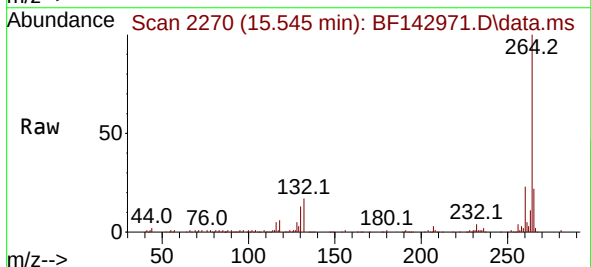
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

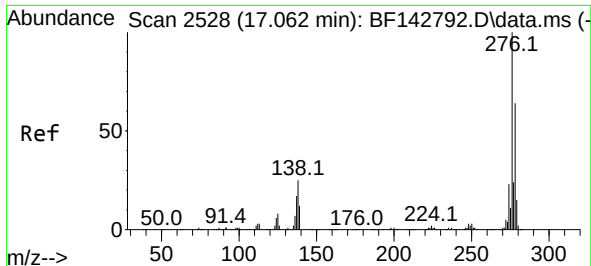
Tgt Ion:149 Resp: 333995
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:264 Resp: 120474
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.6 16.6 25.0

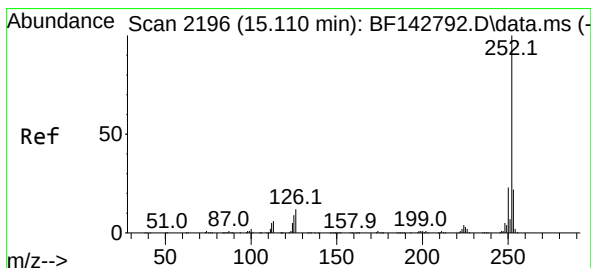
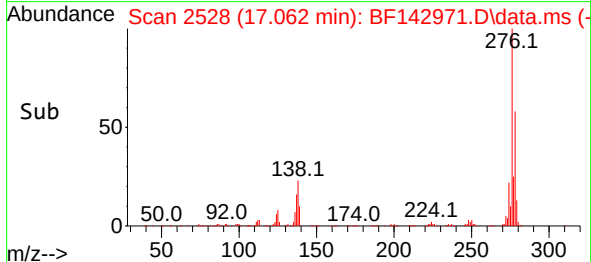
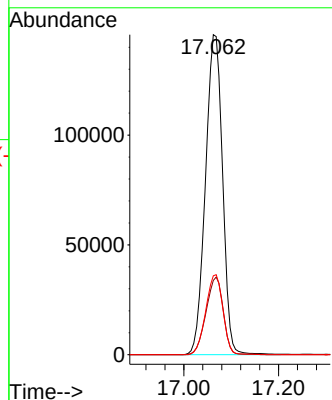
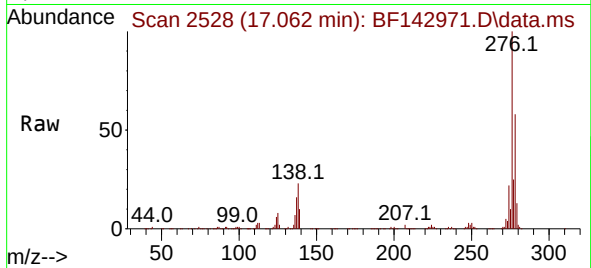




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.772 ng
RT: 17.062 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

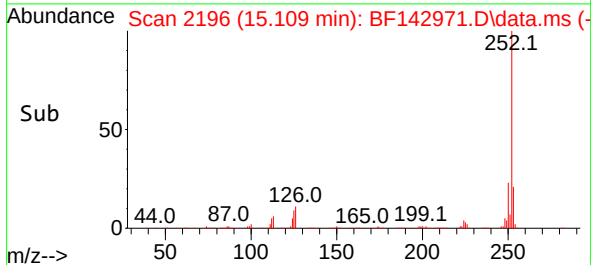
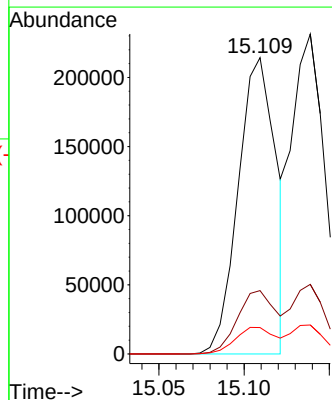
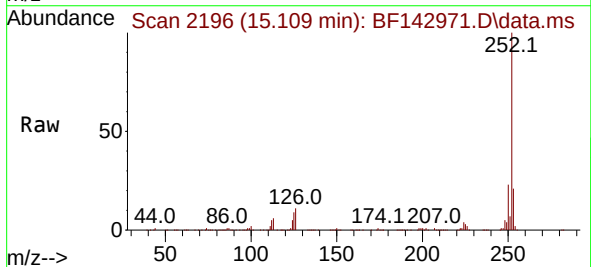
Instrument :
BNA_F
ClientSampleId :
TP-67MSD

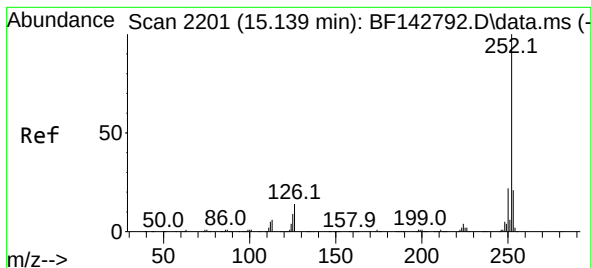
Tgt Ion:276 Resp: 364964
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 47.346 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:252 Resp: 330057
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.913 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

Instrument :

BNA_F

ClientSampleId :

TP-67MSD

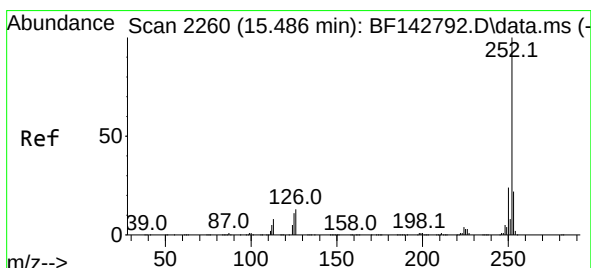
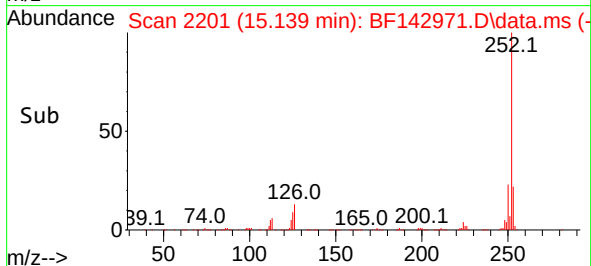
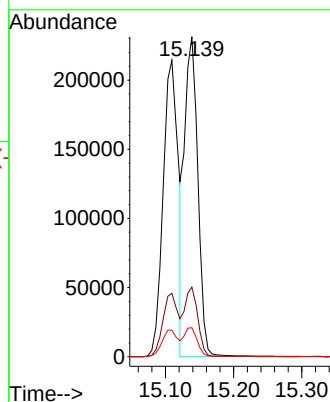
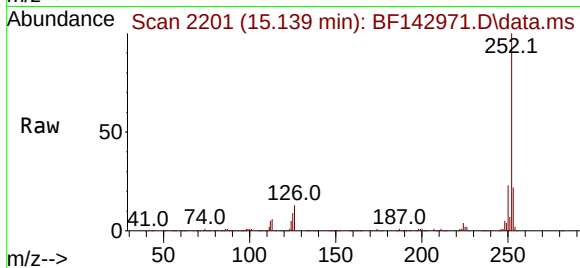
Tgt Ion:252 Resp: 312488

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.214 ng

RT: 15.486 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF142971.D

Acq: 02 Jul 2025 15:17

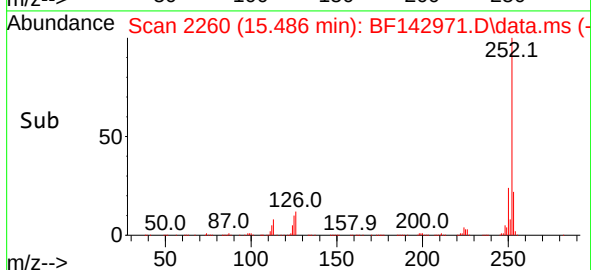
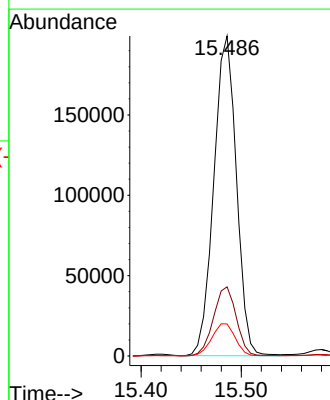
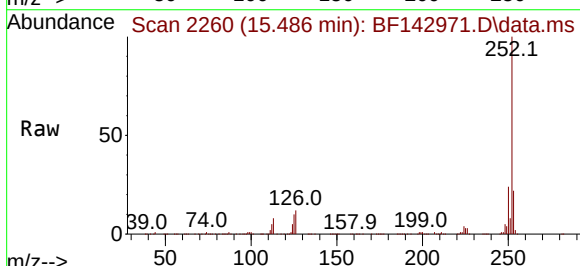
Tgt Ion:252 Resp: 311232

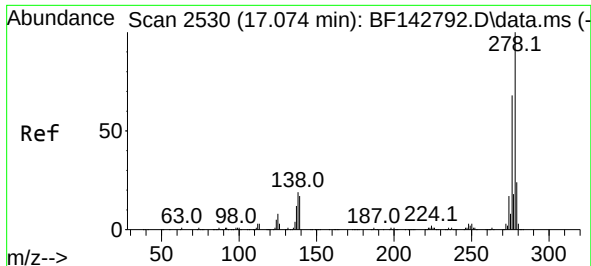
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 8.6 12.8

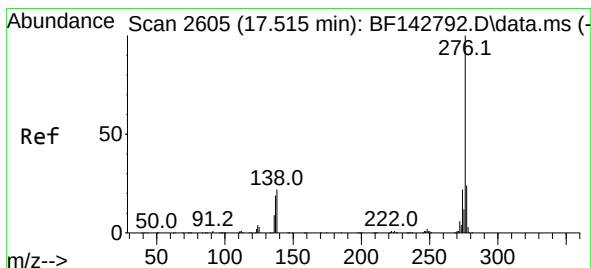
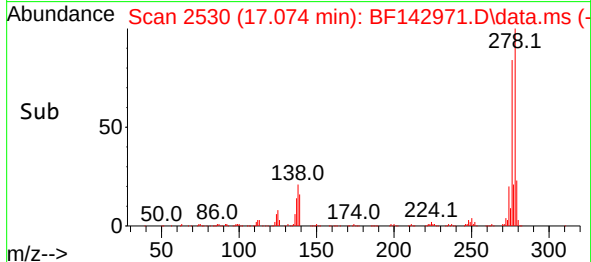
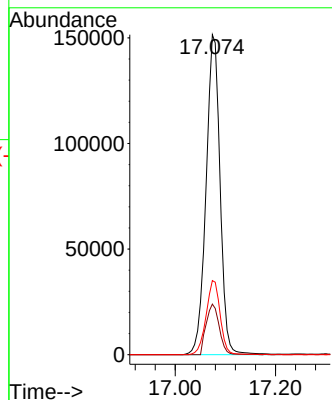
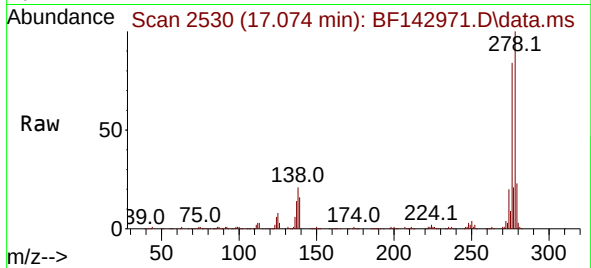




#91
Dibenzo(a,h)anthracene
Concen: 39.549 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
TP-67MSD

Tgt Ion:278 Resp: 294876
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.577 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142971.D
Acq: 02 Jul 2025 15:17

Tgt Ion:276 Resp: 286817
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 21.5 17.6 26.4

