

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142872.D
 Acq On : 26 Jun 2025 17:06
 Operator : RC/JU
 Sample : Q2416-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

Quant Time: Jun 26 17:55:07 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	84939	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	322606	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	168684	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277774	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149832	20.000	ng	0.00
86) Perylene-d12	15.545	264	169288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	368548	72.241	ng	0.00
7) Phenol-d6	6.510	99	452569	75.190	ng	0.00
23) Nitrobenzene-d5	7.440	82	264948	45.048	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118654	68.354	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	594596	46.306	ng	0.00
79) Terphenyl-d14	12.992	244	492166	45.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	75520	37.010	ng	99
3) Pyridine	3.475	79	200163	39.128	ng	98
4) n-Nitrosodimethylamine	3.428	42	109742	41.485	ng	100
6) Aniline	6.534	93	141956	17.725	ng	# 64
8) 2-Chlorophenol	6.663	128	236259	42.931	ng	97
9) Benzaldehyde	6.428	77	103317	28.933	ng	99
10) Phenol	6.522	94	270018	40.358	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	202495	42.347	ng	98
12) 1,3-Dichlorobenzene	6.816	146	252822	41.078	ng	100
13) 1,4-Dichlorobenzene	6.893	146	256590	41.321	ng	98
14) 1,2-Dichlorobenzene	7.045	146	246807	41.904	ng	99
15) Benzyl Alcohol	7.016	79	187301	43.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	307769	40.060	ng	96
17) 2-Methylphenol	7.134	107	178002	42.682	ng	97
18) Hexachloroethane	7.387	117	91410	42.086	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	147385	42.102	ng	99
20) 3+4-Methylphenols	7.287	107	224246	43.126	ng	92
22) Acetophenone	7.287	105	303127	42.610	ng	100
24) Nitrobenzene	7.457	77	224541	42.181	ng	99
25) Isophorone	7.698	82	398638	42.252	ng	100
26) 2-Nitrophenol	7.775	139	129615	44.697	ng	100
27) 2,4-Dimethylphenol	7.816	122	213196	42.444	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	254428	42.417	ng	99
29) 2,4-Dichlorophenol	8.022	162	194624	42.732	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	211641	42.259	ng	99
31) Naphthalene	8.181	128	665091	42.118	ng	100
32) Benzoic acid	7.945	122	8037	3.139	ng	96
33) 4-Chloroaniline	8.228	127	64699	10.076	ng	99
34) Hexachlorobutadiene	8.298	225	129077	42.135	ng	99
35) Caprolactam	8.598	113	56655	47.141	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	196647	43.444	ng	99
37) 2-Methylnaphthalene	8.875	142	415487	42.441	ng	100
38) 1-Methylnaphthalene	8.975	142	431940	42.621	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	210801	42.352	ng	99
41) Hexachlorocyclopentadiene	9.028	237	213156	75.466	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	133635	41.203	ng	100

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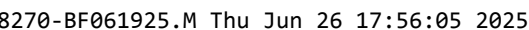
Instrument :
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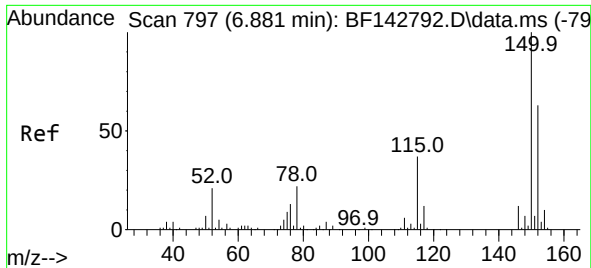
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144794	42.410	ng	99
46) 1,1'-Biphenyl	9.339	154	569189	42.716	ng	100
47) 2-Chloronaphthalene	9.363	162	422954	42.297	ng	99
48) 2-Nitroaniline	9.463	65	125588	44.798	ng	97
49) Acenaphthylene	9.781	152	696714	42.324	ng	100
50) Dimethylphthalate	9.639	163	487508	44.648	ng	99
51) 2,6-Dinitrotoluene	9.704	165	107851	44.977	ng	99
52) Acenaphthene	9.957	154	407163	40.540	ng	100
53) 3-Nitroaniline	9.875	138	56933	21.565	ng	95
54) 2,4-Dinitrophenol	9.986	184	8668	7.219	ng	98
55) Dibenzofuran	10.128	168	606151	42.088	ng	100
56) 4-Nitrophenol	10.039	139	139115	76.968	ng	98
57) 2,4-Dinitrotoluene	10.110	165	145344	45.632	ng	98
58) Fluorene	10.469	166	481247	42.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100236	36.423	ng	96
60) Diethylphthalate	10.339	149	482804	45.097	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	228951	42.657	ng	97
62) 4-Nitroaniline	10.486	138	105685	43.770	ng	99
63) Azobenzene	10.622	77	448091	46.830	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	15266	9.086	ng	98
66) n-Nitrosodiphenylamine	10.581	169	417738	43.392	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	138997	43.968	ng	97
68) Hexachlorobenzene	11.022	284	152901	43.527	ng	97
69) Atrazine	11.104	200	129985	52.287	ng	99
70) Pentachlorophenol	11.216	266	62719	35.831	ng	99
71) Phenanthrene	11.433	178	641833	42.655	ng	100
72) Anthracene	11.486	178	661106	42.840	ng	99
73) Carbazole	11.639	167	572688	43.003	ng	100
74) Di-n-butylphthalate	11.969	149	694376	50.051	ng	100
75) Fluoranthene	12.622	202	573671	40.172	ng	99
77) Benzidine	12.745	184	104673	18.594	ng	99
78) Pyrene	12.851	202	568445	40.475	ng	100
80) Butylbenzylphthalate	13.469	149	214111	52.557	ng	96
81) Benzo(a)anthracene	14.045	228	435462	43.082	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	33545	10.232	ng	99
83) Chrysene	14.080	228	380789	42.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	267213	45.588	ng	99
85) Di-n-octyl phthalate	14.639	149	433996	39.267	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	381609	29.595	ng	99
88) Benzo(b)fluoranthene	15.104	252	456106	46.562	ng	100
89) Benzo(k)fluoranthene	15.133	252	396508	43.265	ng	99
90) Benzo(a)pyrene	15.480	252	415232	43.878	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	312079	29.787	ng	98
92) Benzo(g,h,i)perylene	17.509	276	278882	26.694	ng	98

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

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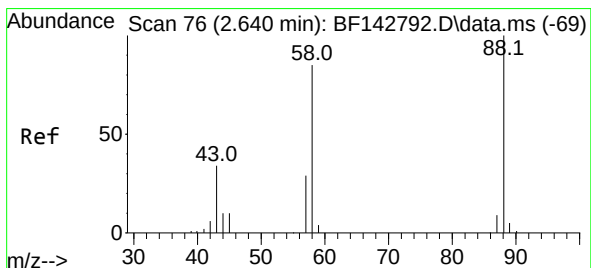
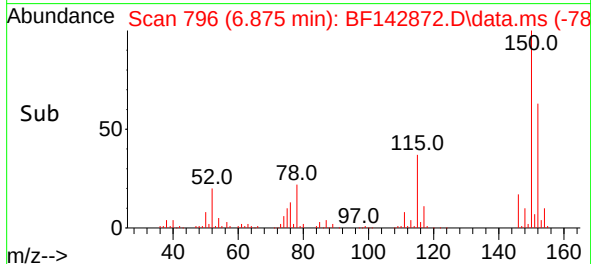
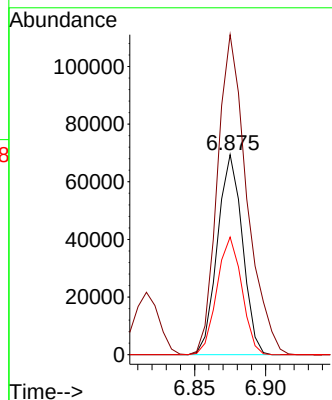
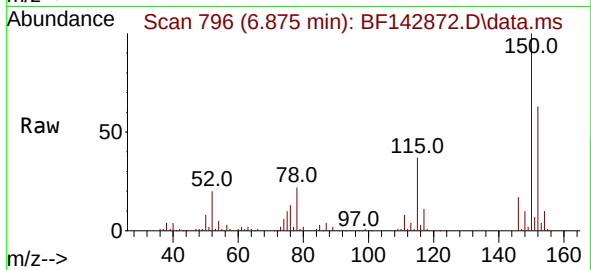




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

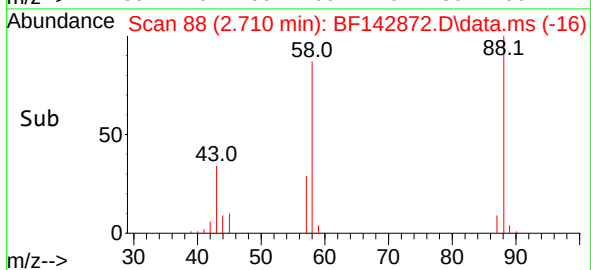
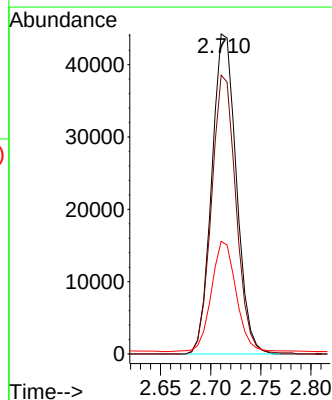
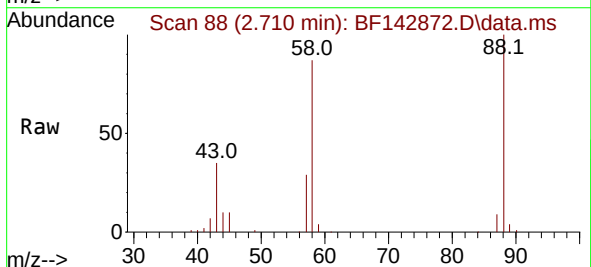
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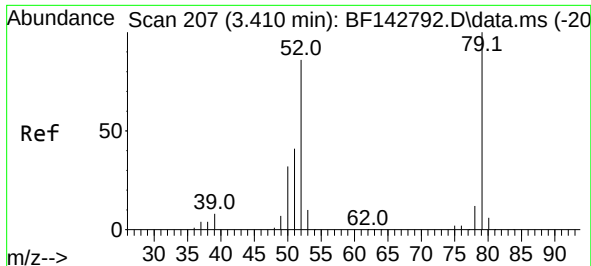
Tgt Ion:152 Resp: 84939
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.2 190.8
 115 58.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.010 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

Tgt Ion: 88 Resp: 75520
 Ion Ratio Lower Upper
 88 100
 58 87.0 69.1 103.7
 43 34.9 27.4 41.2

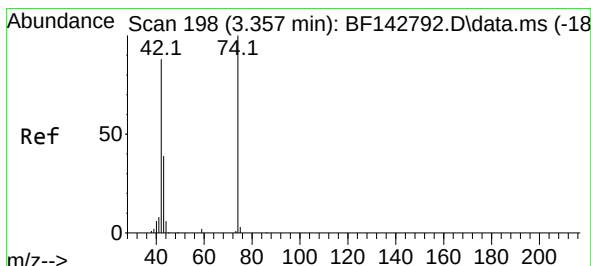
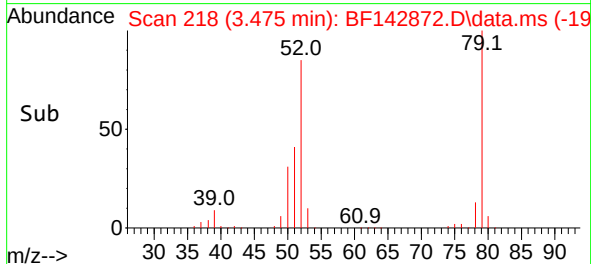
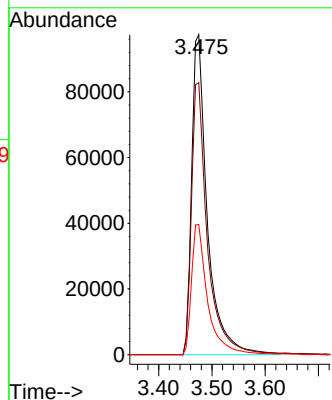
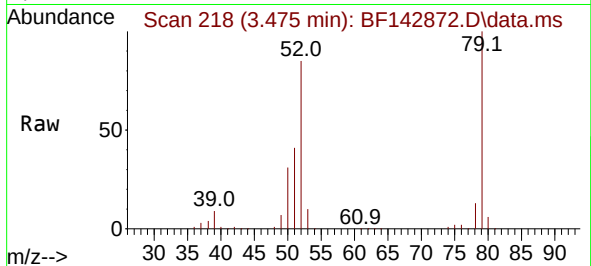




#3
Pyridine
Concen: 39.128 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

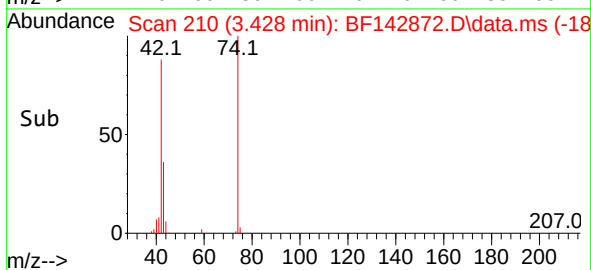
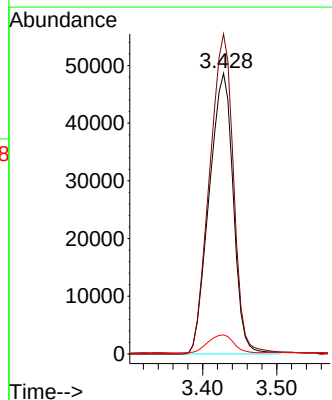
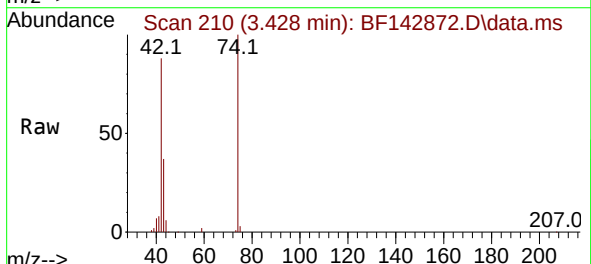
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

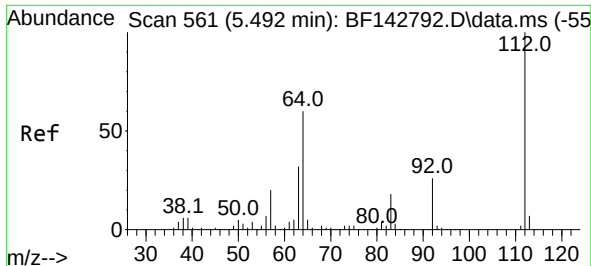
Tgt Ion: 79 Resp: 200163
Ion Ratio Lower Upper
79 100
52 85.0 69.2 103.8
51 40.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.485 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 42 Resp: 109742
Ion Ratio Lower Upper
42 100
74 114.0 90.9 136.3
44 6.8 5.8 8.6

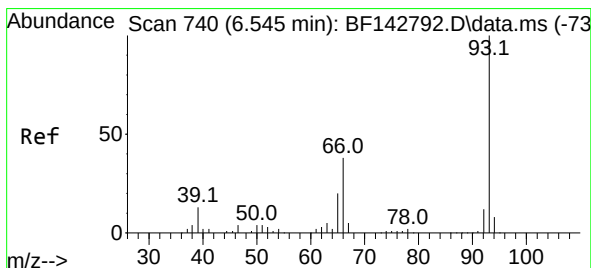
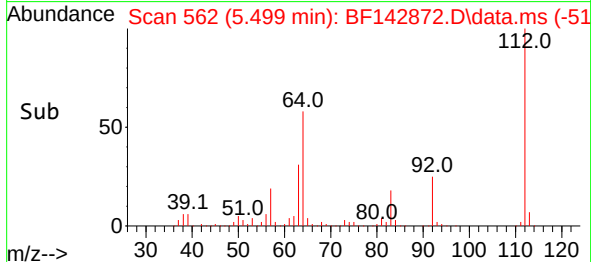
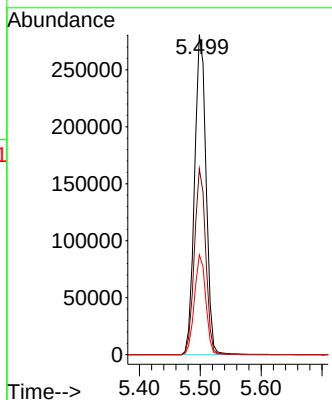
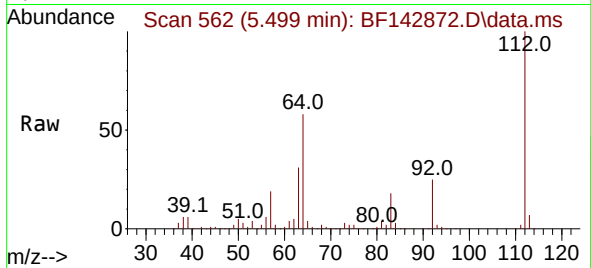




#5
2-Fluorophenol
Concen: 72.241 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

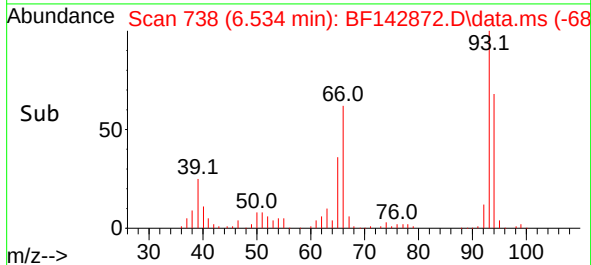
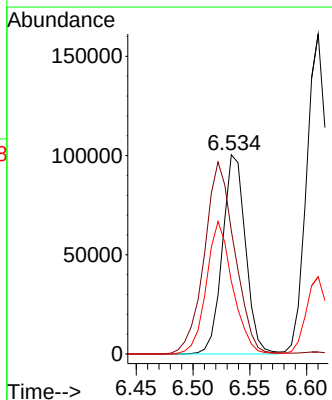
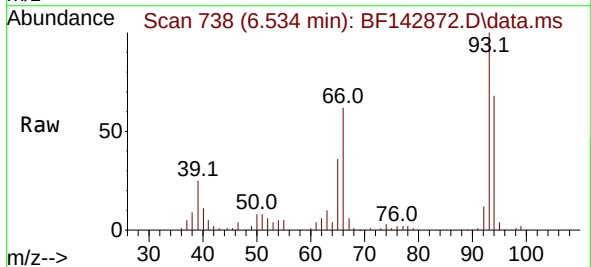
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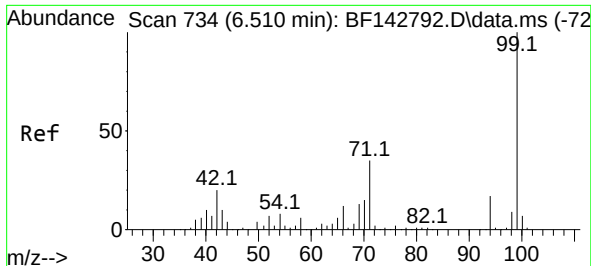
Tgt Ion:112 Resp: 368548
Ion Ratio Lower Upper
112 100
64 58.1 48.2 72.2
63 31.2 25.7 38.5



#6
Aniline
Concen: 17.725 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 93 Resp: 141956
Ion Ratio Lower Upper
93 100
66 61.9 31.8 47.6#
65 36.5 16.2 24.2#

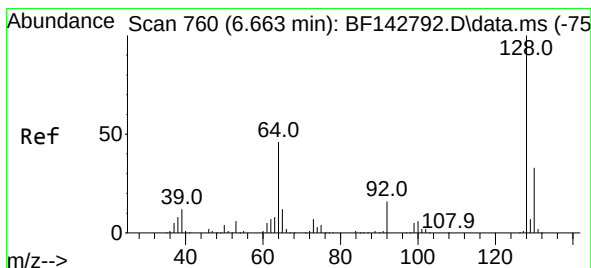
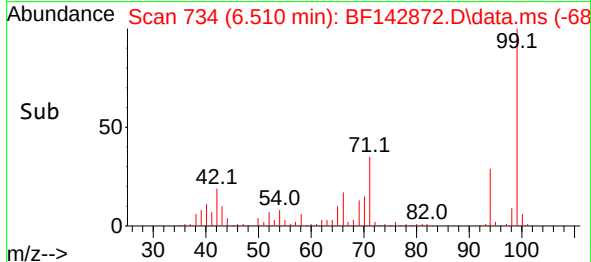
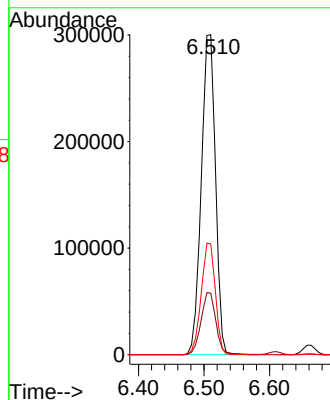
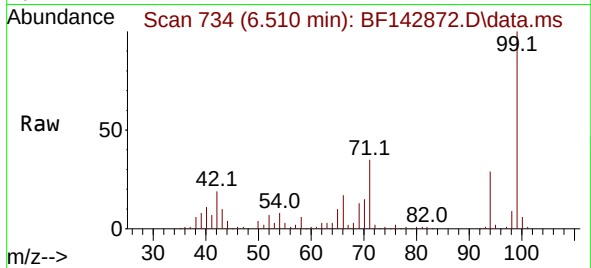




#7
Phenol-d6
Concen: 75.190 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

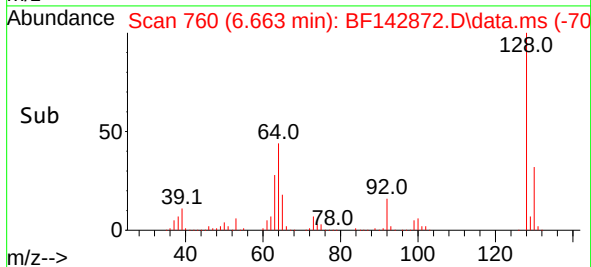
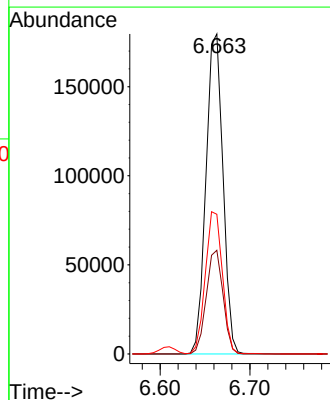
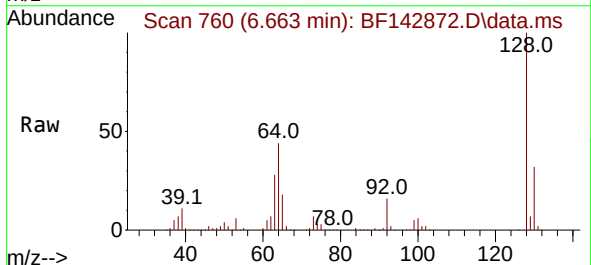
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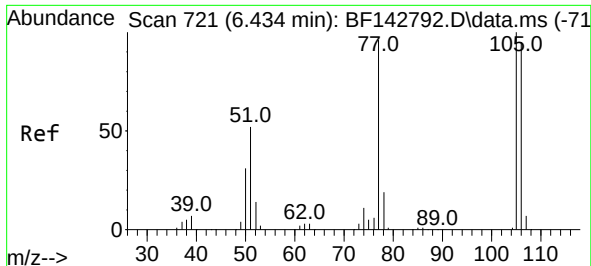
Tgt Ion: 99 Resp: 452569
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 34.6 27.8 41.8



#8
2-Chlorophenol
Concen: 42.931 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:128 Resp: 236259
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 43.7 26.5 66.5

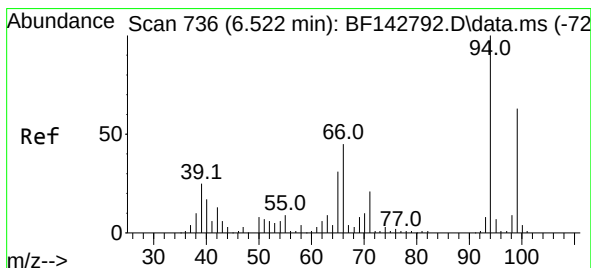
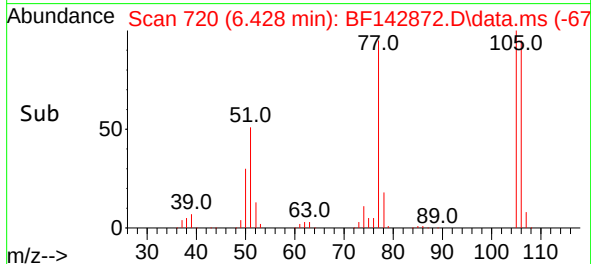
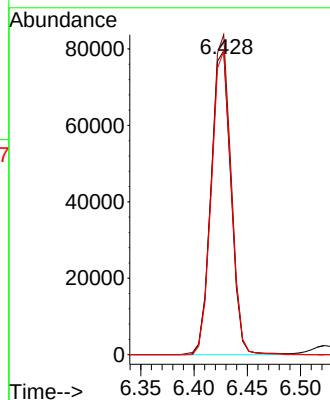
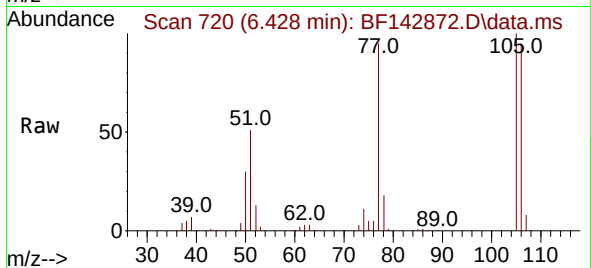




#9
Benzaldehyde
Concen: 28.933 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

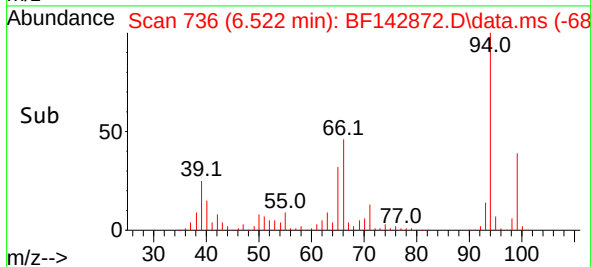
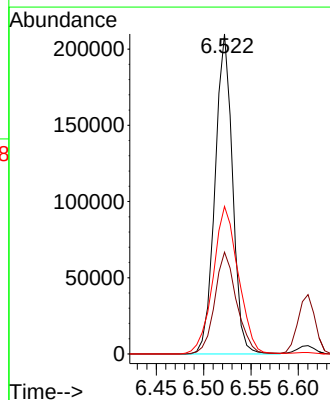
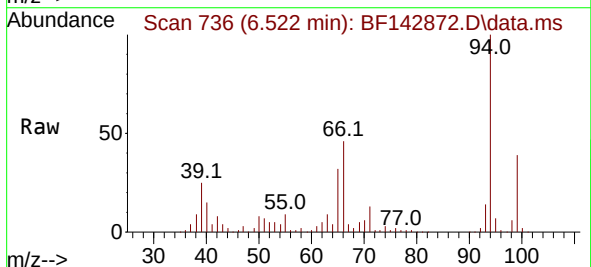
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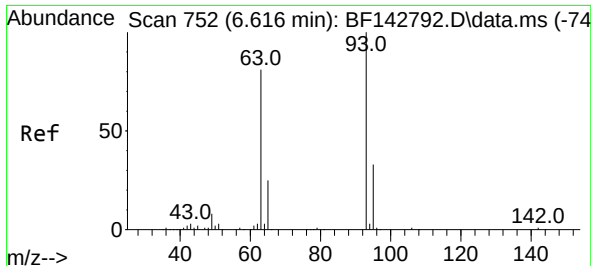
Tgt Ion: 77 Resp: 103317
Ion Ratio Lower Upper
77 100
105 105.3 83.8 123.8
106 99.9 78.7 118.7



#10
Phenol
Concen: 40.358 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 94 Resp: 270018
Ion Ratio Lower Upper
94 100
65 31.8 11.3 51.3
66 46.1 24.9 64.9

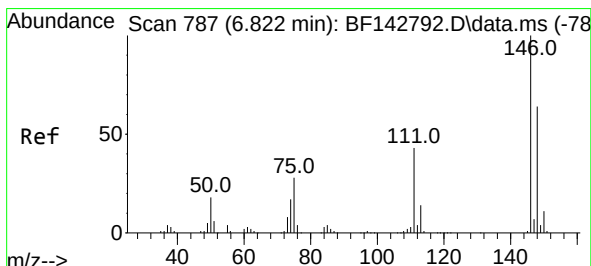
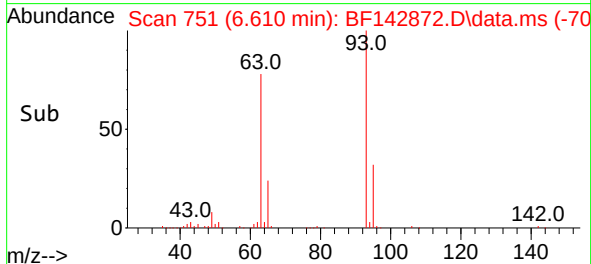
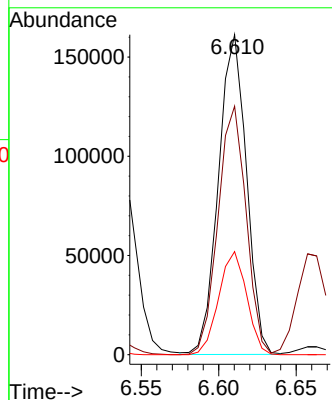
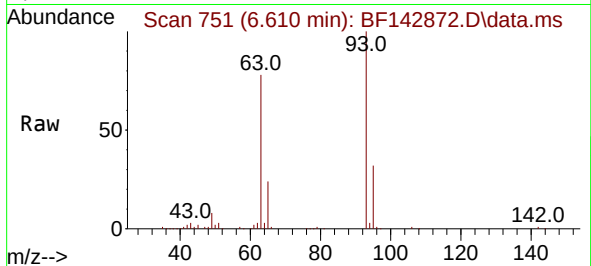




#11
bis(2-Chloroethyl)ether
Concen: 42.347 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

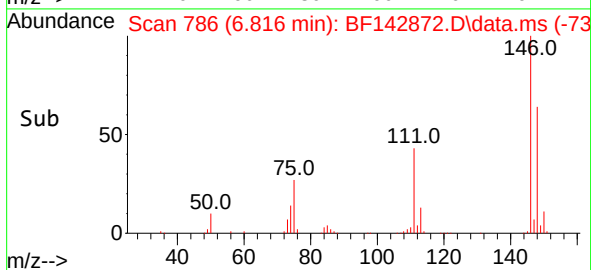
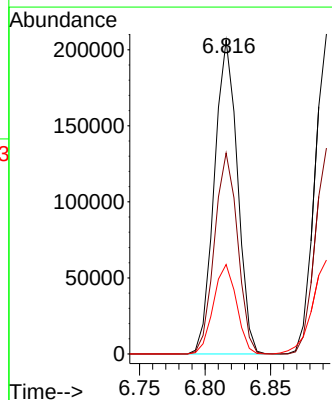
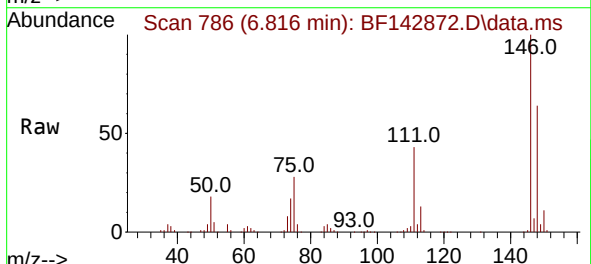
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

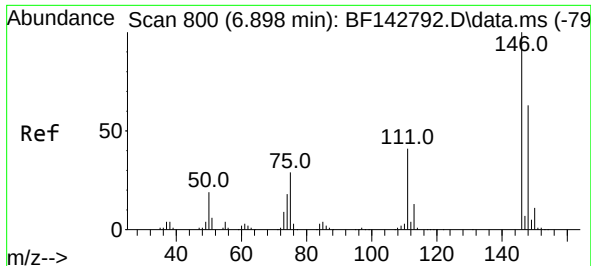
Tgt Ion: 93 Resp: 202495
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.078 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:146 Resp: 252822
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.321 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

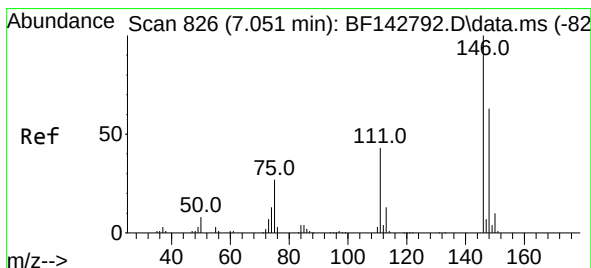
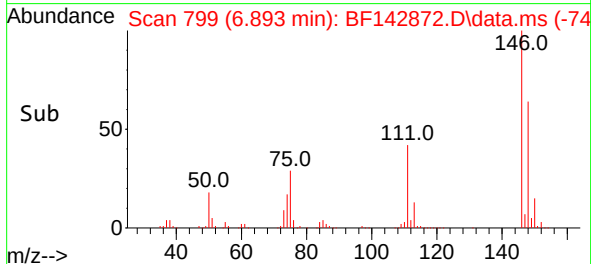
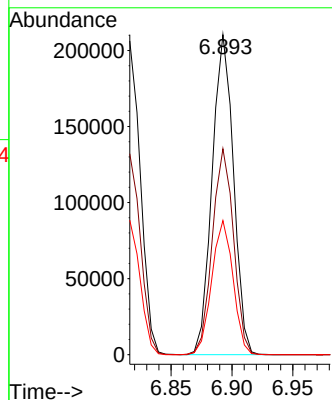
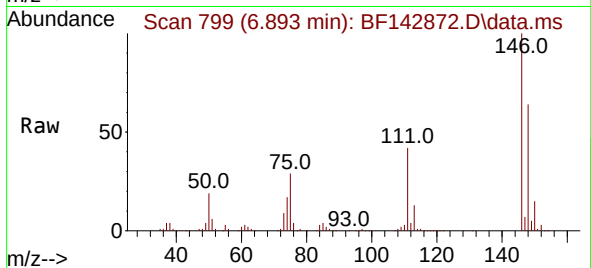
Tgt Ion:146 Resp: 256590

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

111 41.9 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 41.904 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

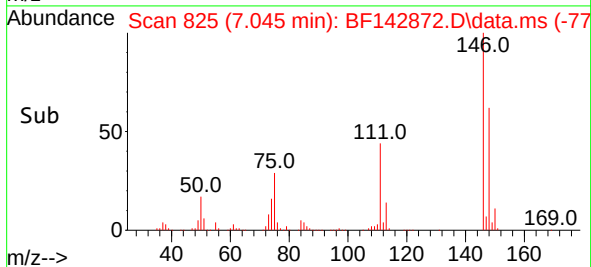
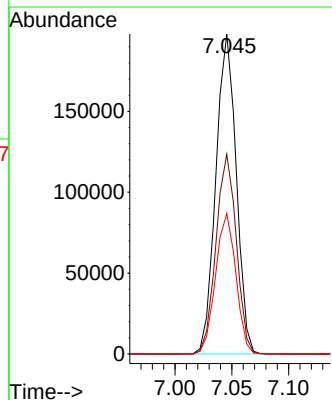
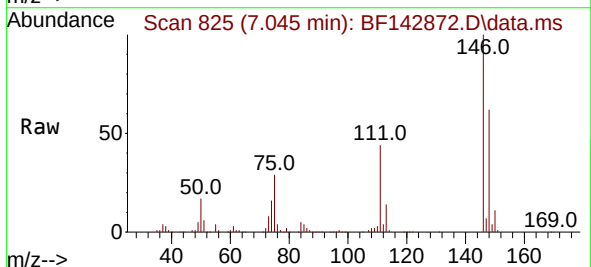
Tgt Ion:146 Resp: 246807

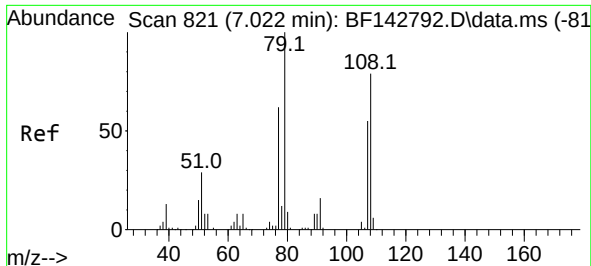
Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 43.8 34.1 51.1

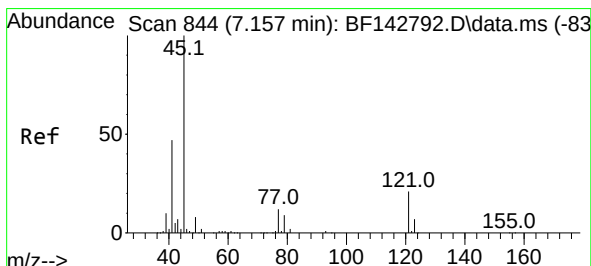
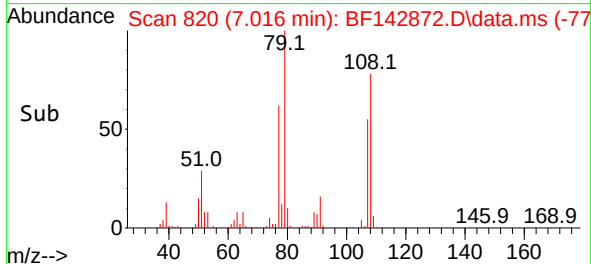
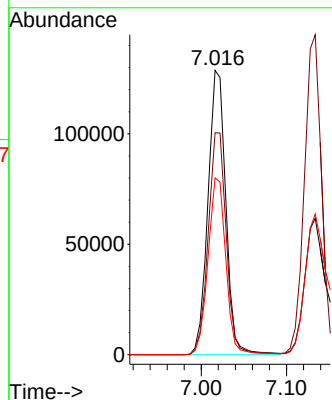
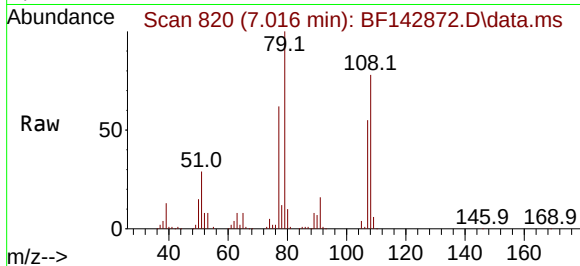




#15
Benzyl Alcohol
Concen: 43.045 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

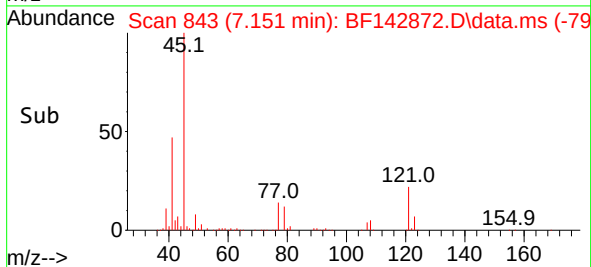
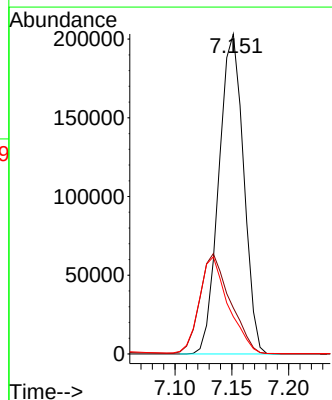
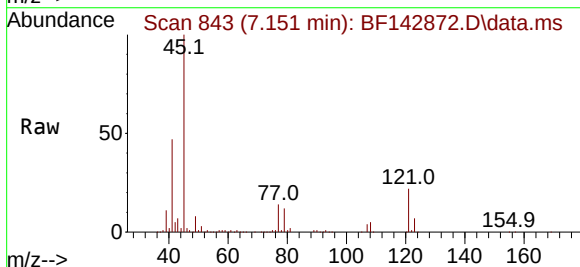
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

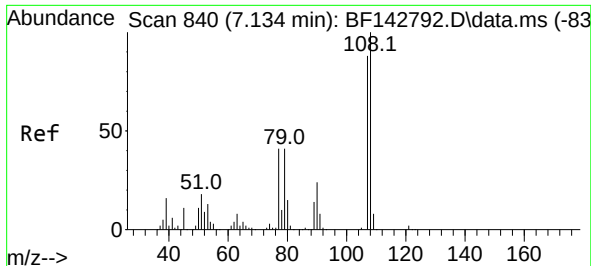
Tgt Ion: 79 Resp: 187301
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 62.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.060 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 45 Resp: 307769
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.8
79 11.7 0.0 29.8



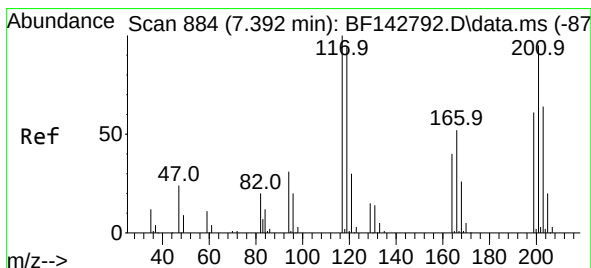
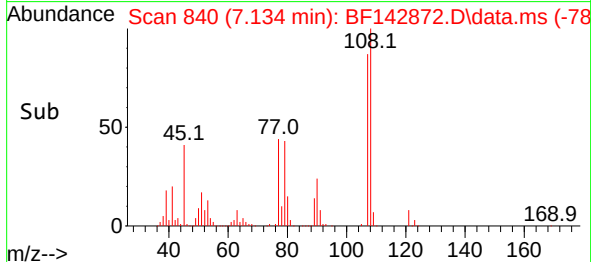
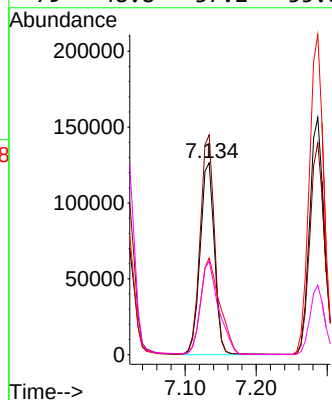
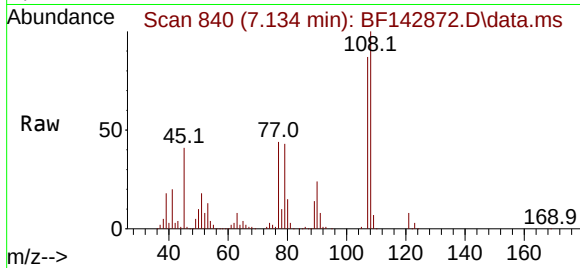


#17
2-Methylphenol
Concen: 42.682 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion:107 Resp: 178002

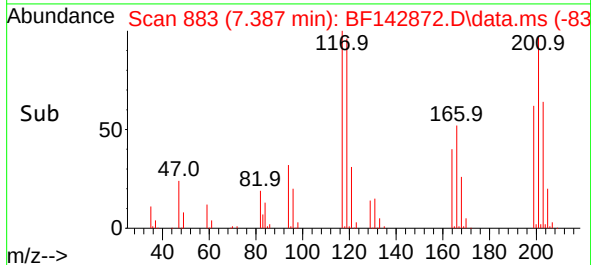
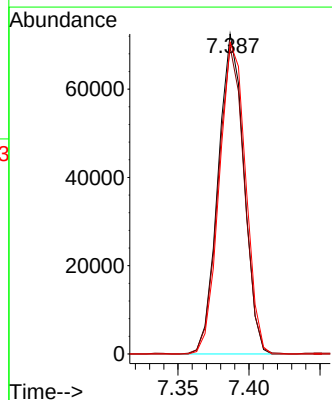
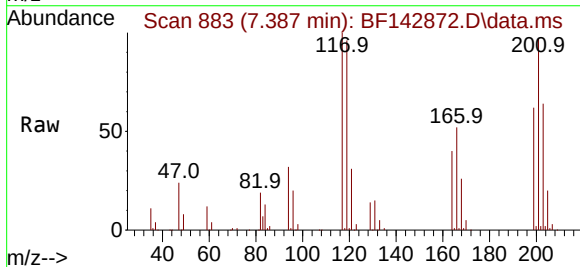
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.9	136.3
77	50.4	37.3	55.9
79	48.8	37.2	55.8

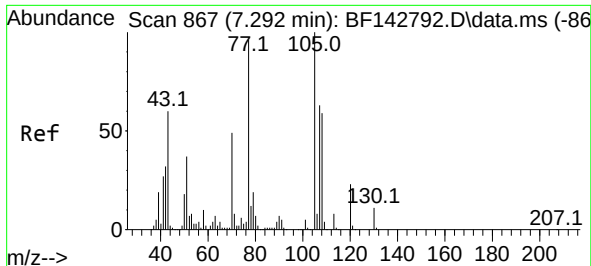


#18
Hexachloroethane
Concen: 42.086 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:117 Resp: 91410

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	97.3	75.9	113.9



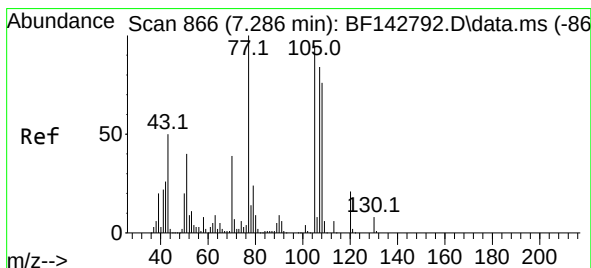
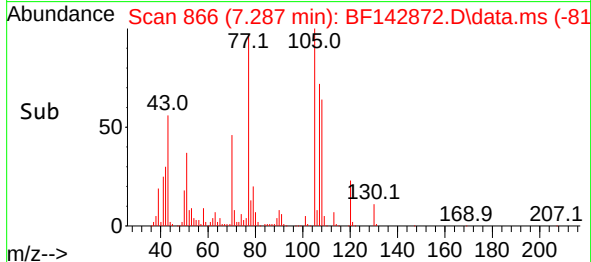
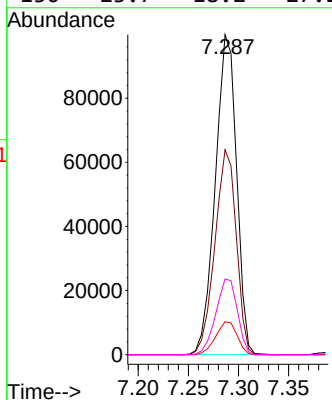
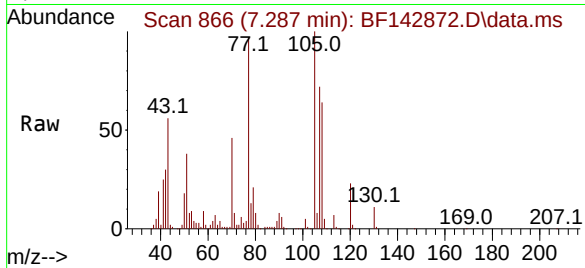


#19
n-Nitroso-di-n-propylamine
Concen: 42.102 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion: 70 Resp: 147385

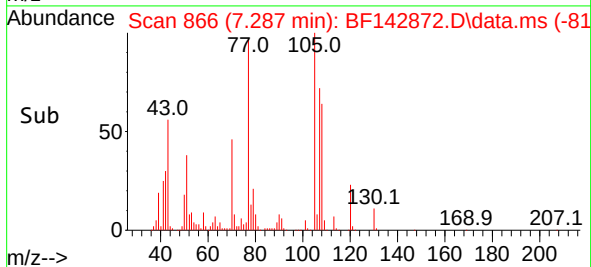
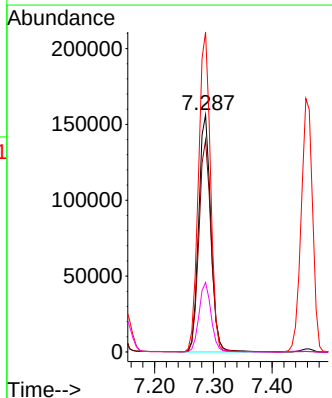
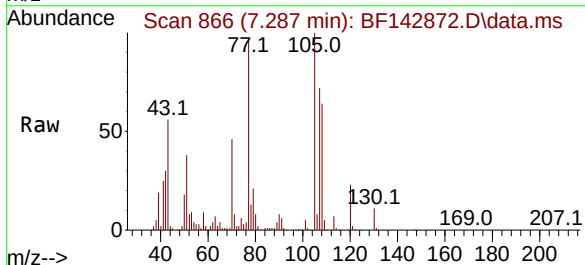
Ion	Ratio	Lower	Upper
70	100		
42	64.1	52.1	78.1
101	10.3	8.2	12.2
130	23.7	18.2	27.2

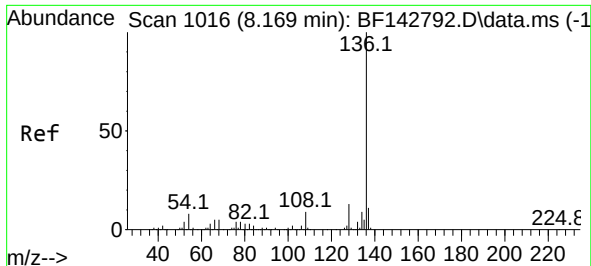


#20
3+4-Methylphenols
Concen: 43.126 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 107 Resp: 224246

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	134.9	98.5	138.5
79	29.4	8.8	48.8

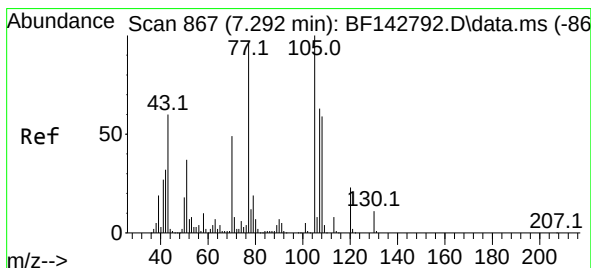
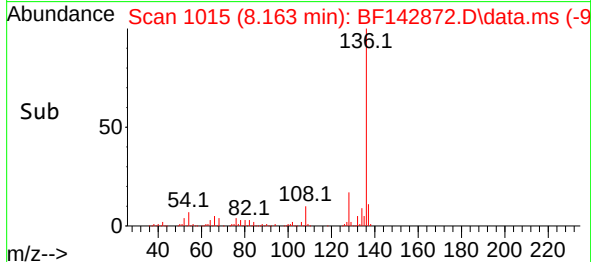
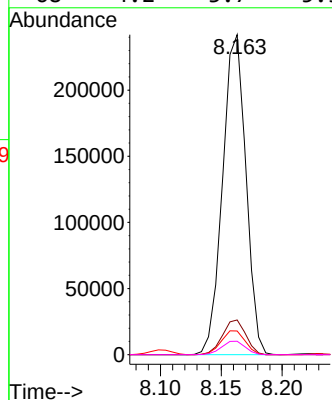
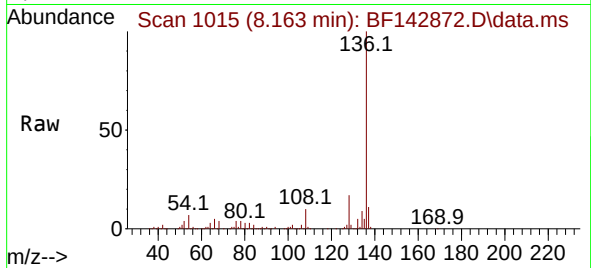




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

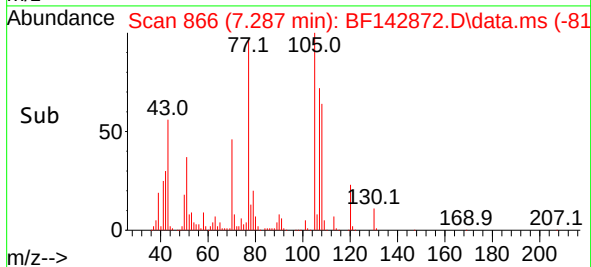
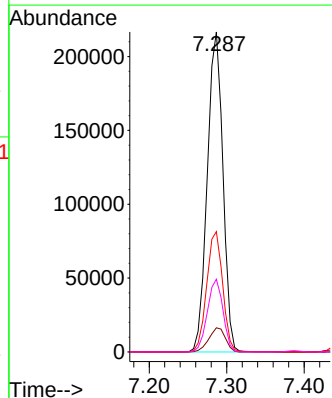
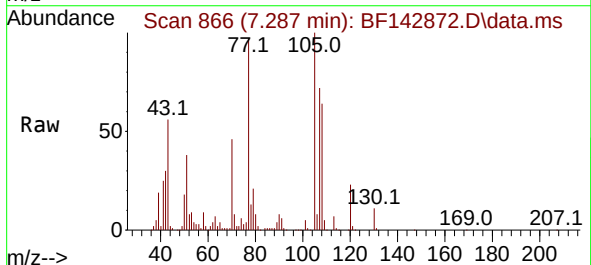
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

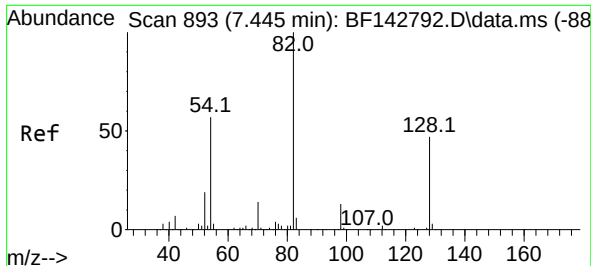
Tgt Ion:136 Resp: 322606
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.3 9.5
68 4.2 3.7 5.5



#22
Acetophenone
Concen: 42.610 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:105 Resp: 303127
Ion Ratio Lower Upper
105 100
71 7.6 6.5 9.7
51 37.6 29.8 44.8
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 45.048 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

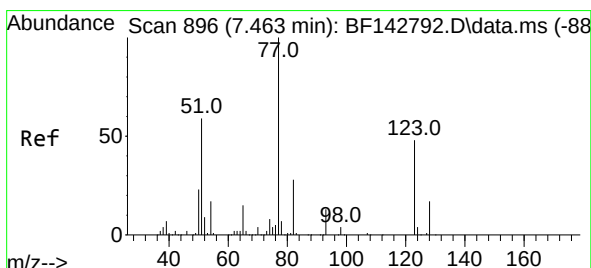
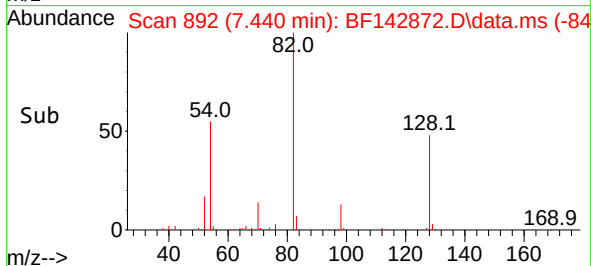
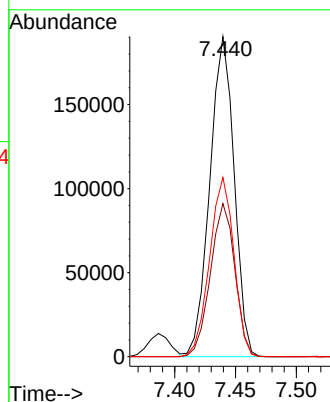
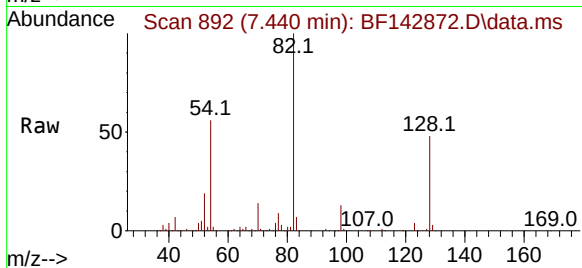
Tgt Ion: 82 Resp: 264948

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 56.0 45.7 68.5



#24

Nitrobenzene

Concen: 42.181 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

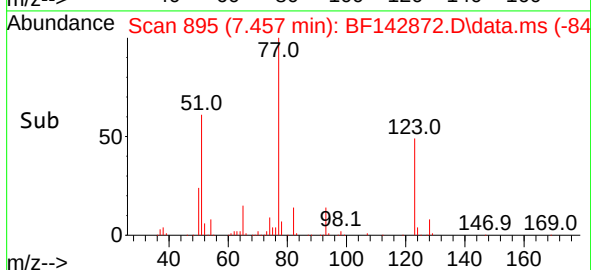
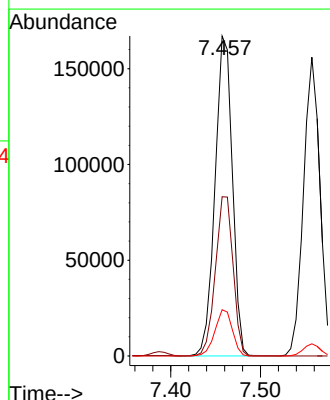
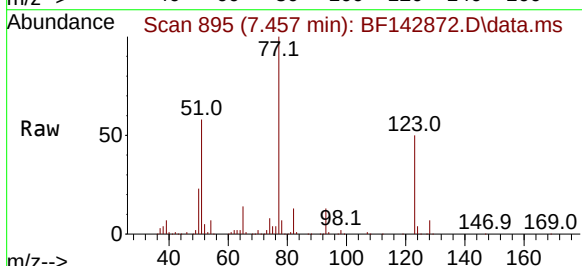
Tgt Ion: 77 Resp: 224541

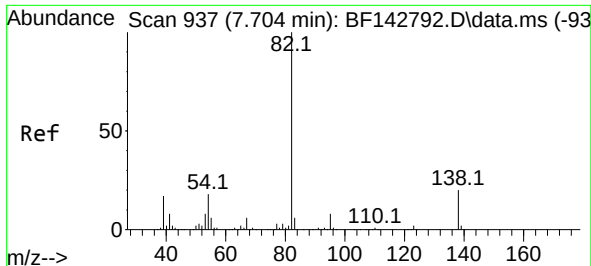
Ion Ratio Lower Upper

77 100

123 49.8 39.2 58.8

65 14.4 11.6 17.4

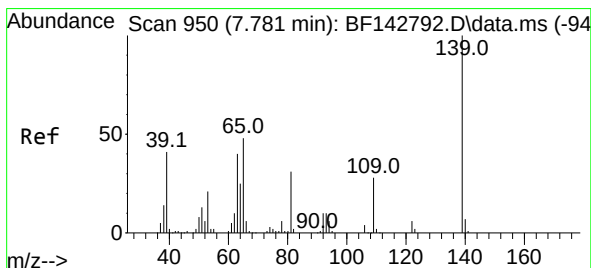
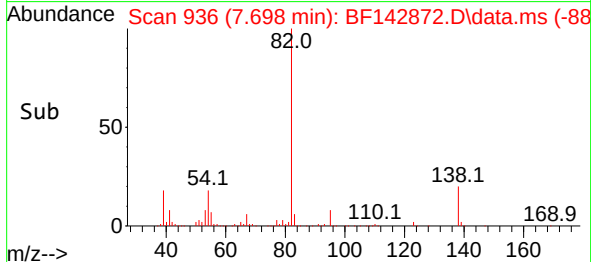
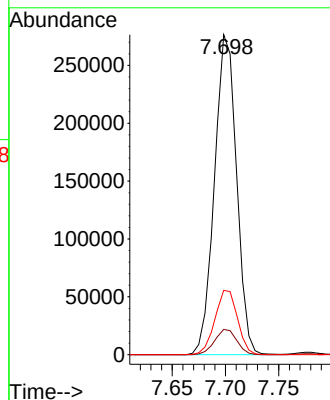
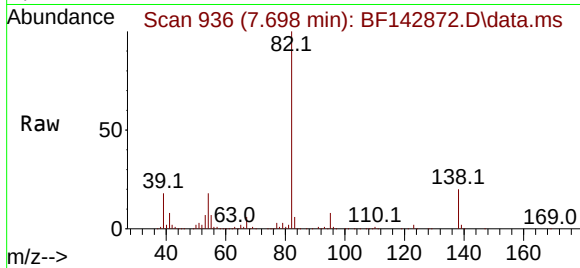




#25
Isophorone
Concen: 42.252 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

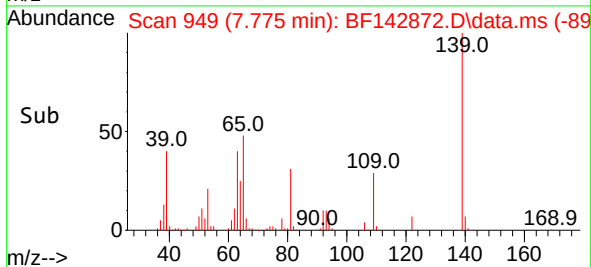
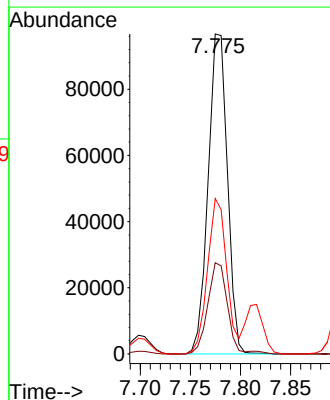
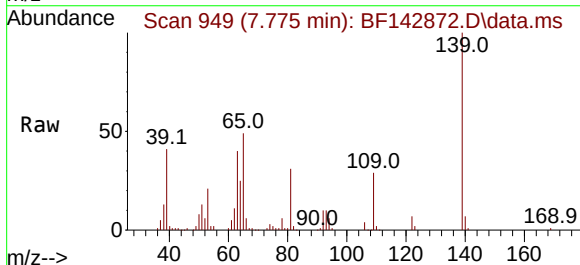
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

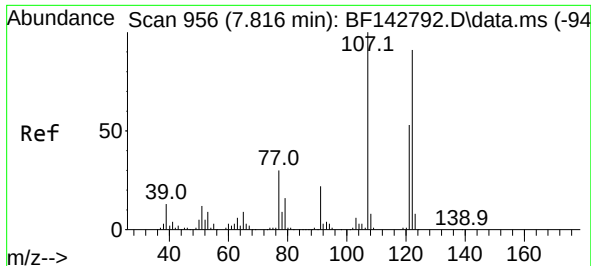
Tgt Ion: 82 Resp: 398638
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 44.697 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 139 Resp: 129615
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 48.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.444 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

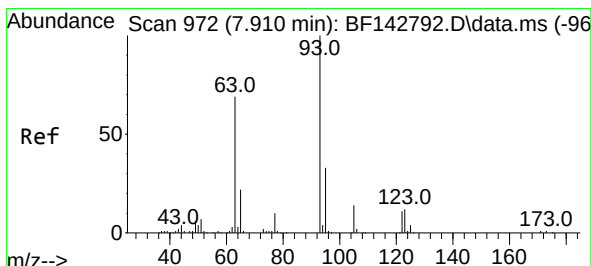
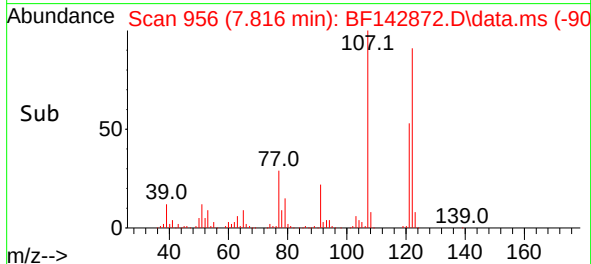
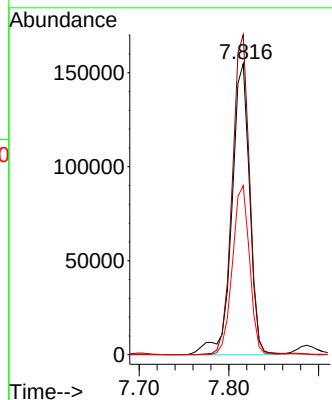
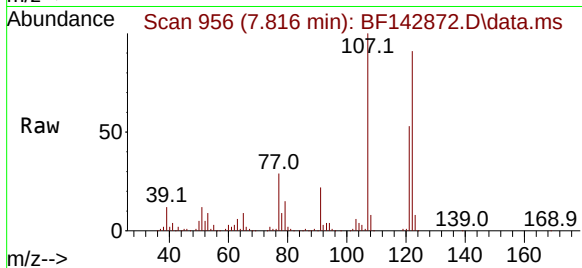
Tgt Ion:122 Resp: 213196

Ion Ratio Lower Upper

122 100

107 110.0 88.0 132.0

121 58.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.417 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

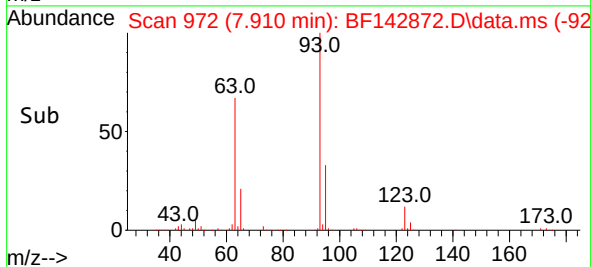
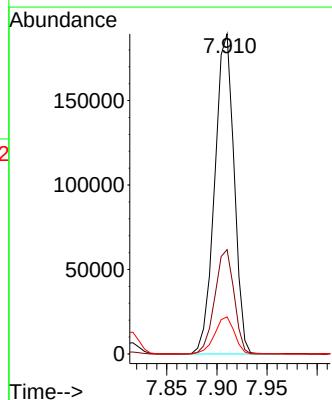
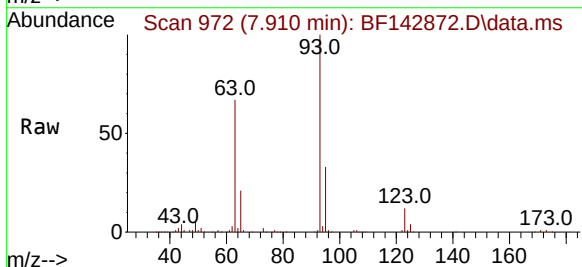
Tgt Ion: 93 Resp: 254428

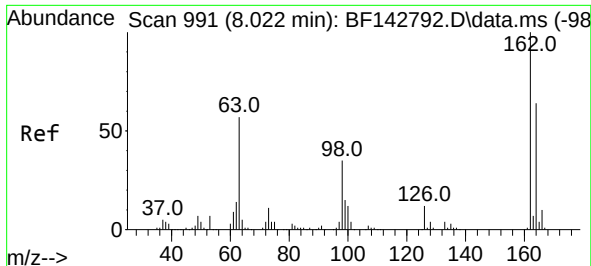
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.732 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142872.D

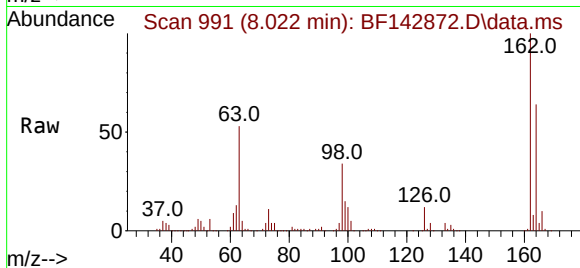
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS



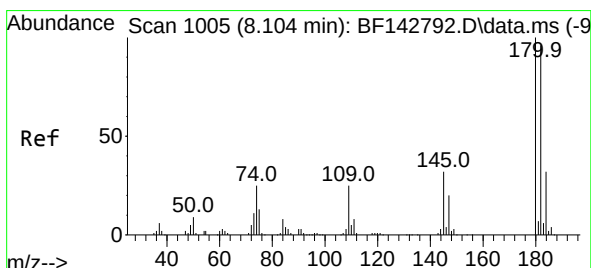
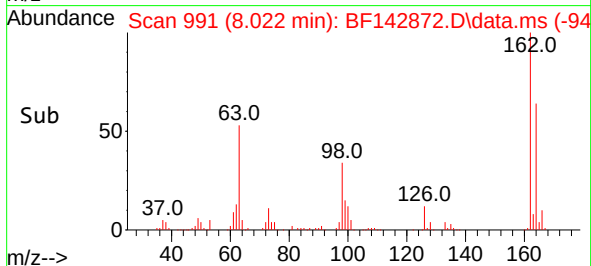
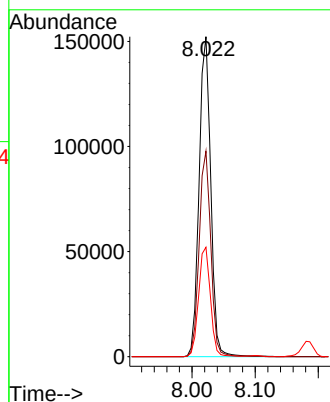
Tgt Ion:162 Resp: 194624

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 34.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.259 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

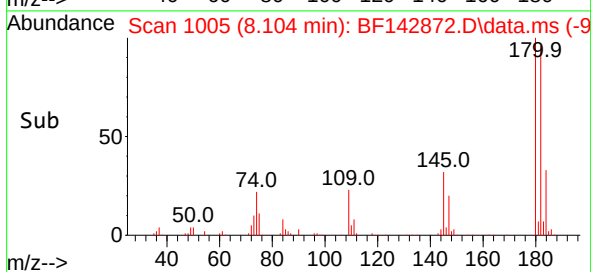
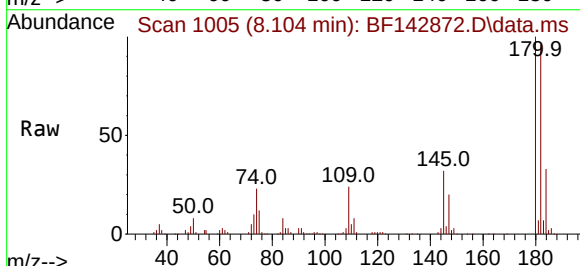
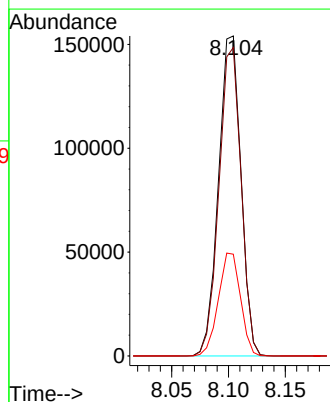
Tgt Ion:180 Resp: 211641

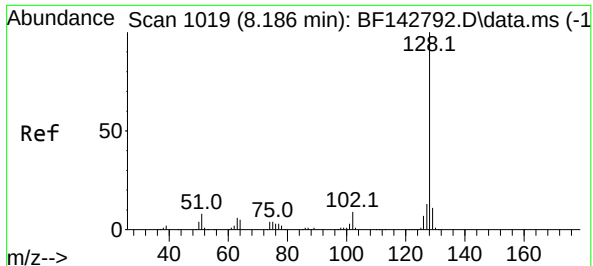
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 31.8 25.8 38.8

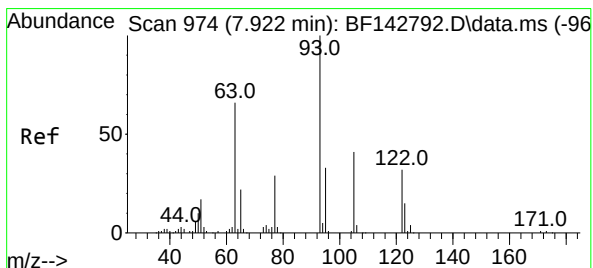
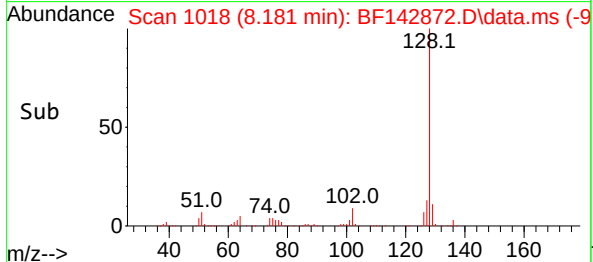
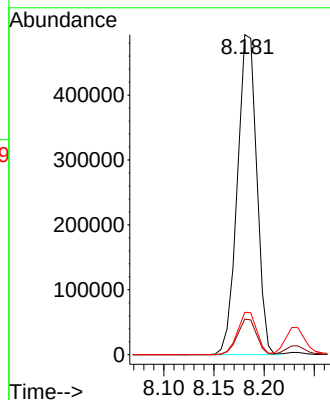
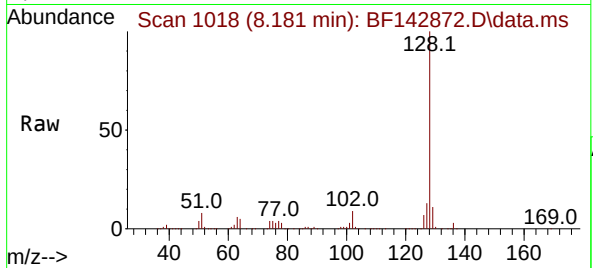




#31
Naphthalene
Concen: 42.118 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

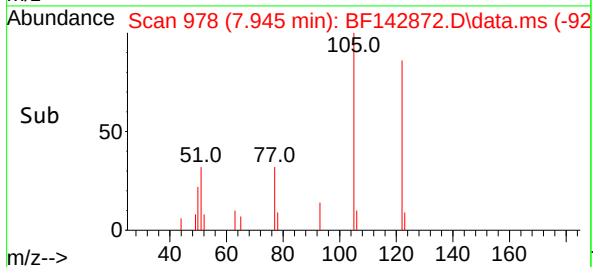
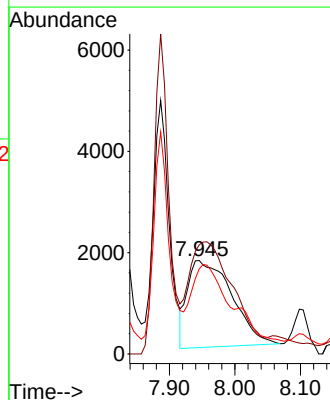
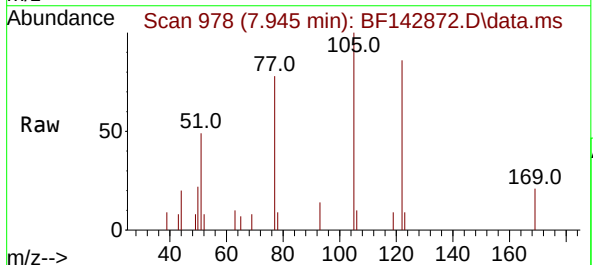
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

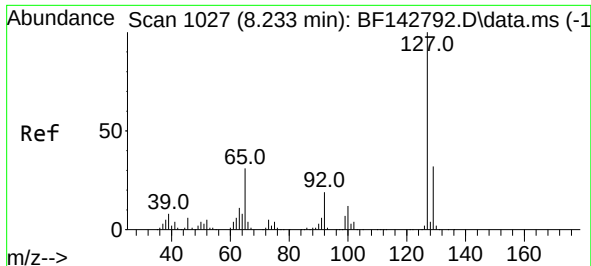
Tgt Ion:128 Resp: 665091
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 3.139 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:122 Resp: 8037
Ion Ratio Lower Upper
122 100
105 116.8 104.7 144.7
77 91.1 70.2 110.2

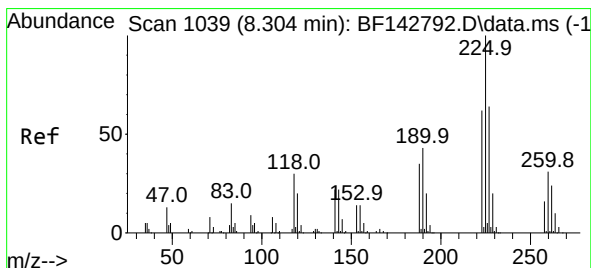
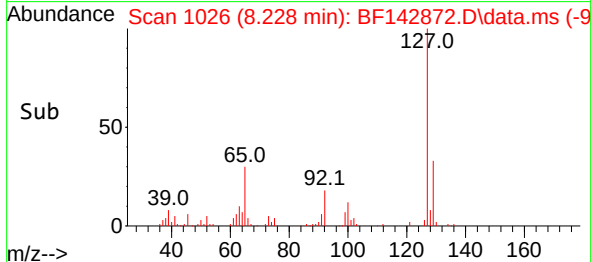
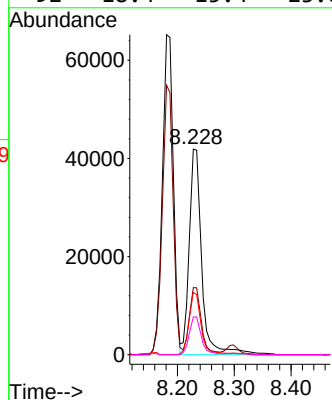
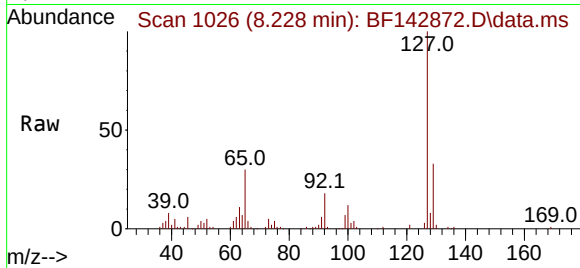




#33
4-Chloroaniline
Concen: 10.076 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

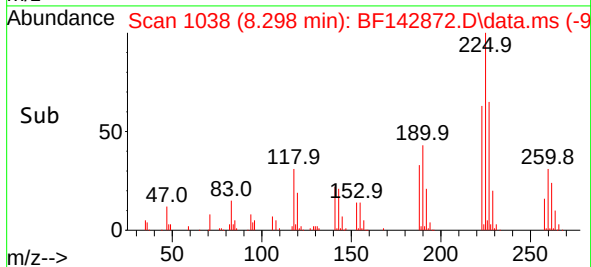
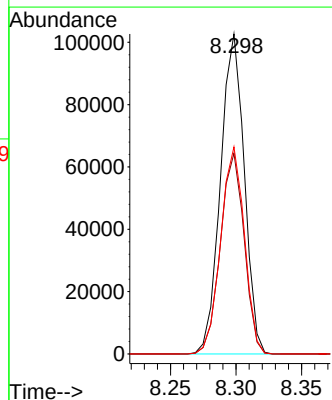
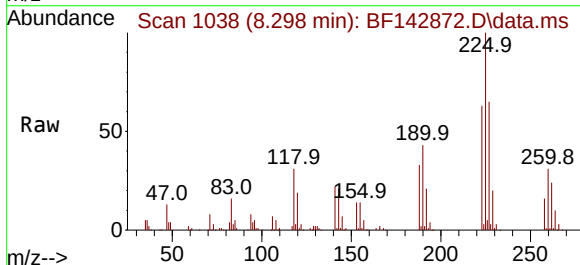
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

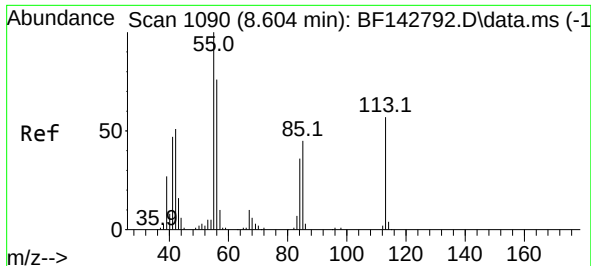
Tgt Ion:	127	Resp:	64699
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.3	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.135 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:	225	Resp:	129077
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	64.7	51.4	77.0

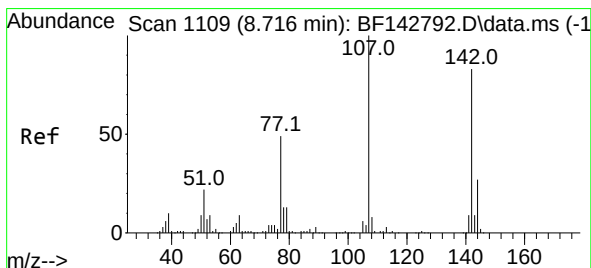
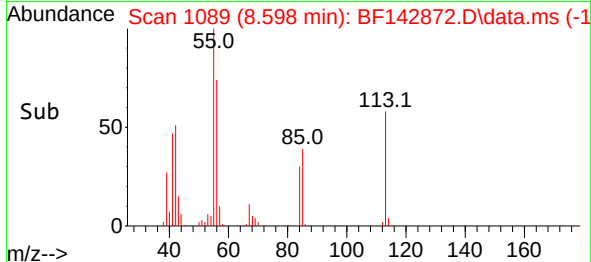
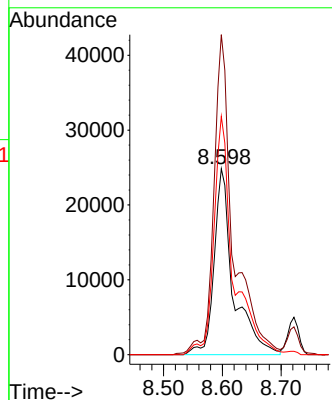
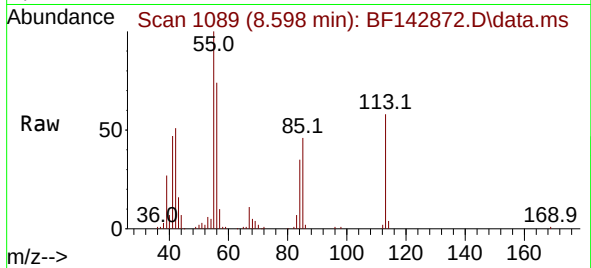




#35
 Caprolactam
 Concen: 47.141 ng
 RT: 8.598 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

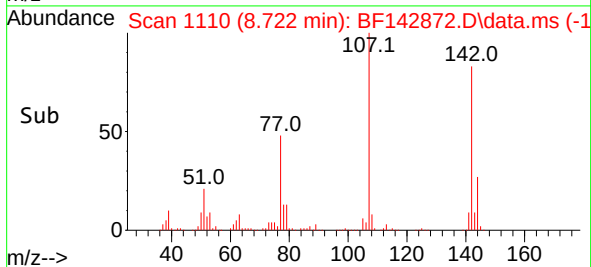
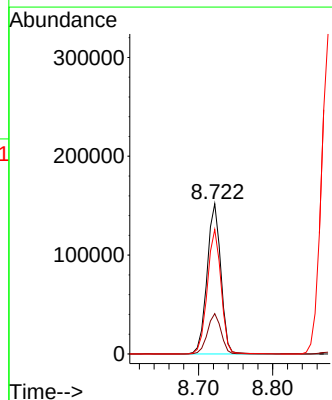
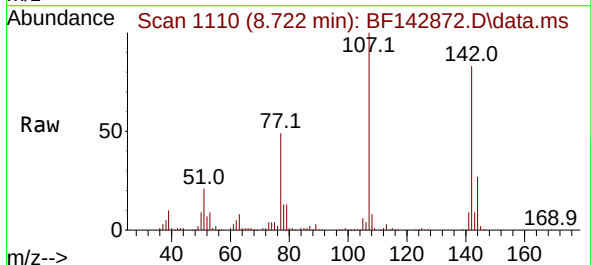
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

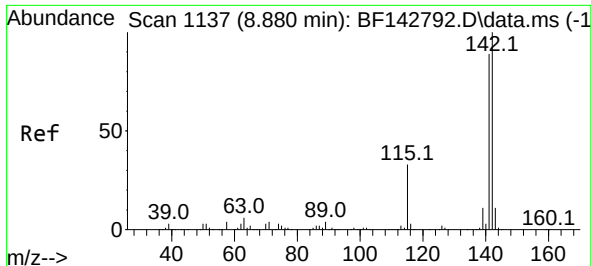
Tgt Ion:113 Resp: 56655
 Ion Ratio Lower Upper
 113 100
 55 172.1 154.4 194.4
 56 128.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.444 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

Tgt Ion:107 Resp: 196647
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.3 31.9
 142 82.8 66.6 100.0

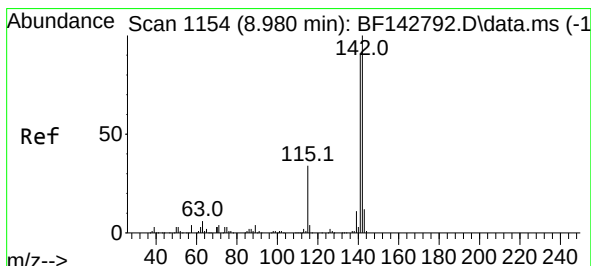
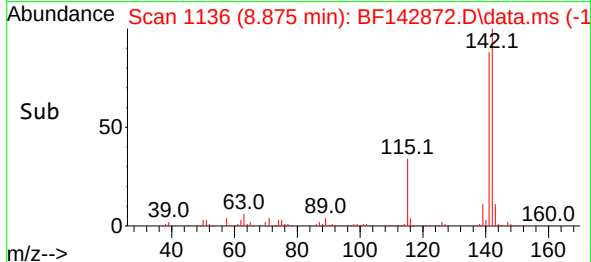
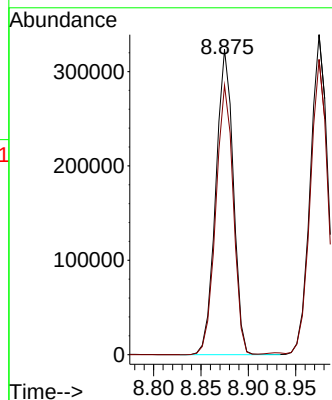
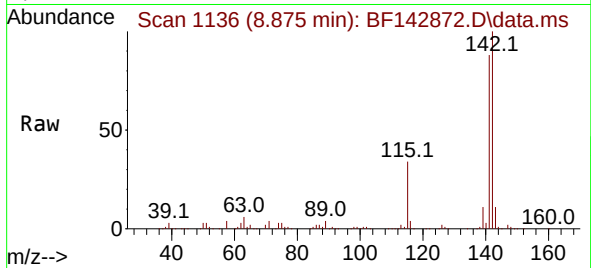




#37
2-Methylnaphthalene
Concen: 42.441 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

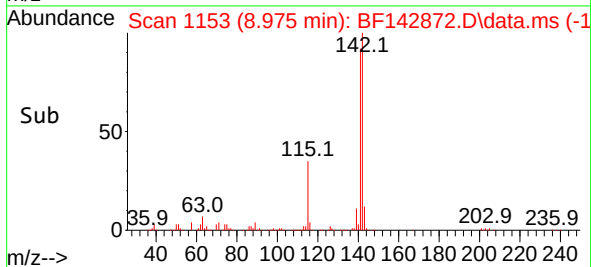
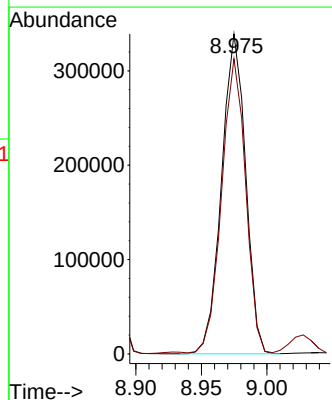
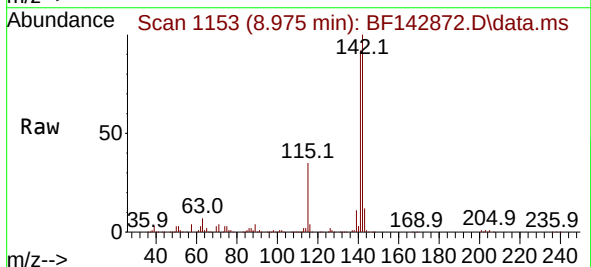
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

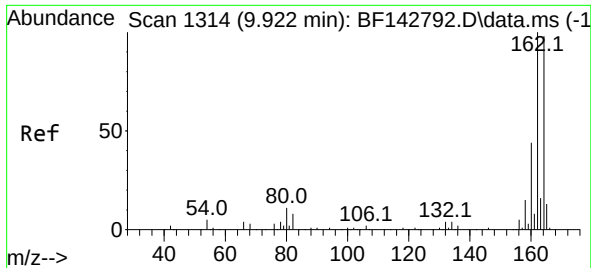
Tgt Ion:142 Resp: 415487
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.621 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:142 Resp: 431940
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4

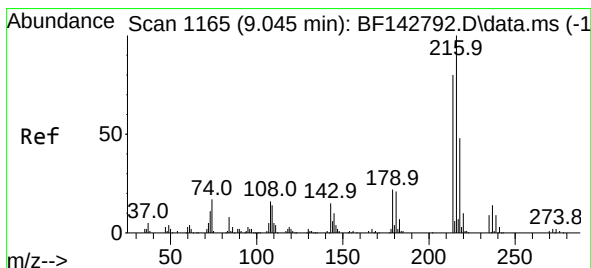
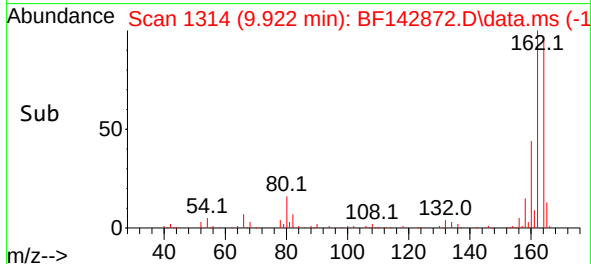
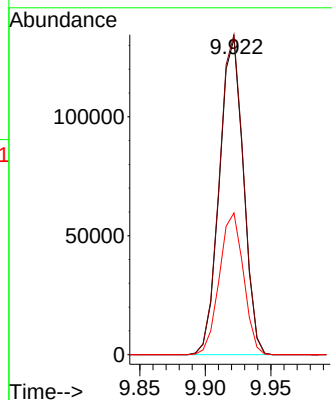
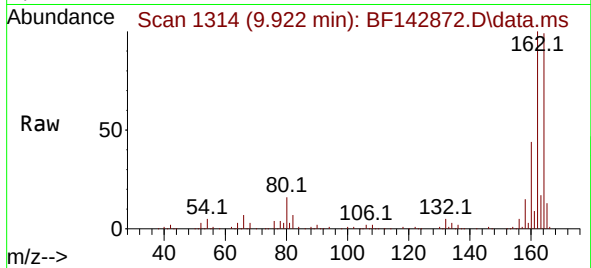




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

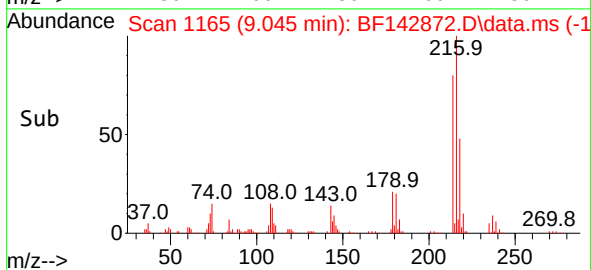
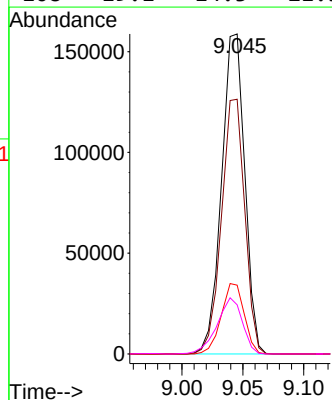
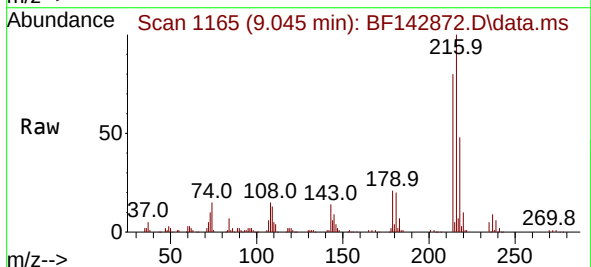
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

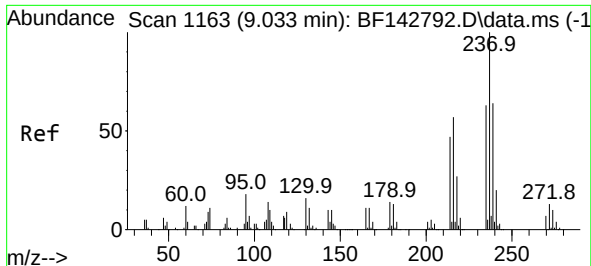
Tgt Ion:164 Resp: 168684
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.8
160 44.9 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.352 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:216 Resp: 210801
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.8 17.6 26.4
108 19.1 14.3 21.5

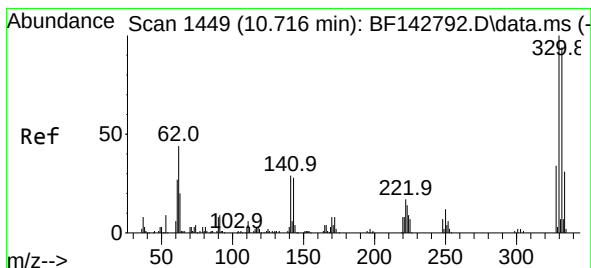
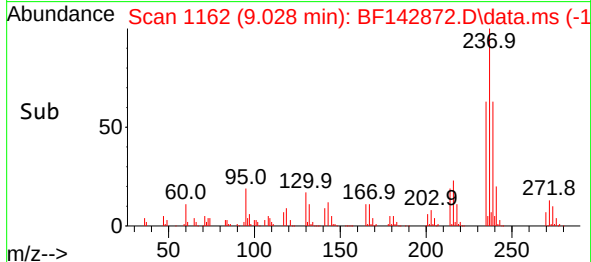
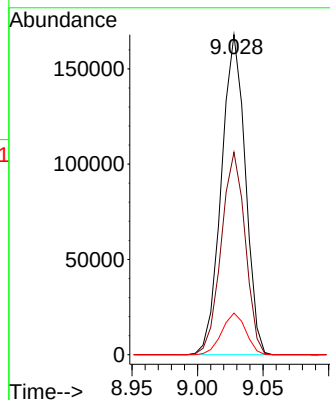
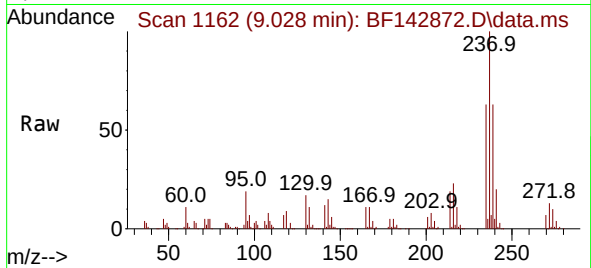




#41
Hexachlorocyclopentadiene
Concen: 75.466 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

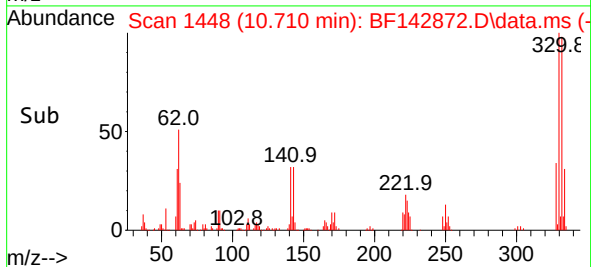
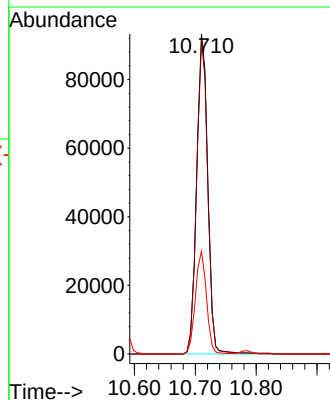
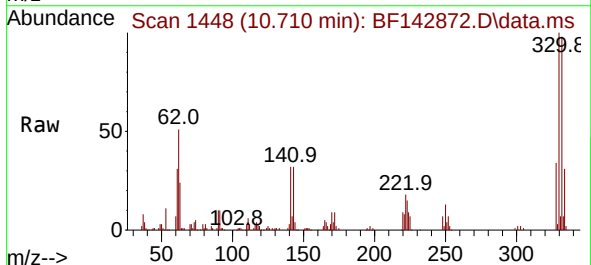
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

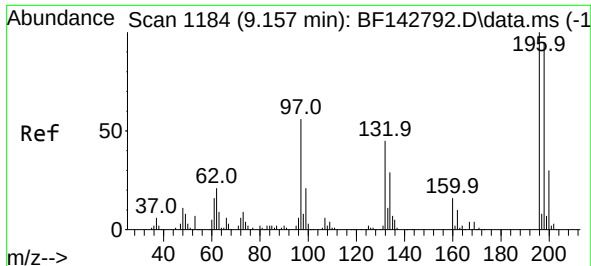
Tgt Ion:237 Resp: 213156
Ion Ratio Lower Upper
237 100
235 63.2 43.4 83.4
272 13.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 68.354 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:330 Resp: 118654
Ion Ratio Lower Upper
330 100
332 97.7 75.0 112.6
141 31.9 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.203 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

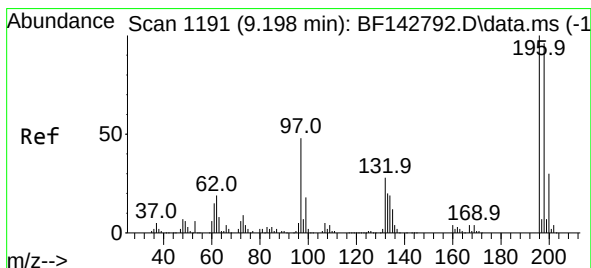
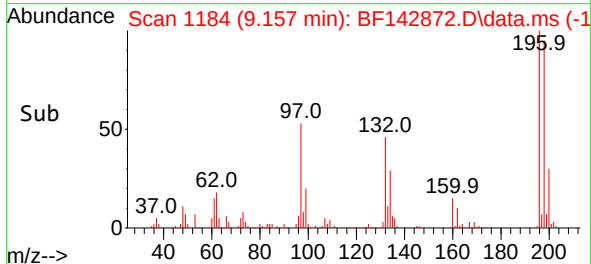
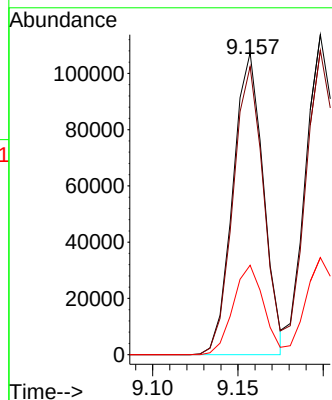
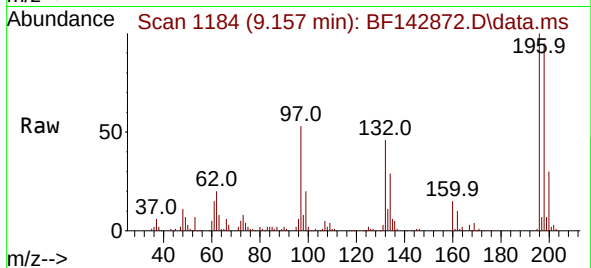
Tgt Ion:196 Resp: 133635

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.2

200 29.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.410 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Tgt Ion:196 Resp: 144794

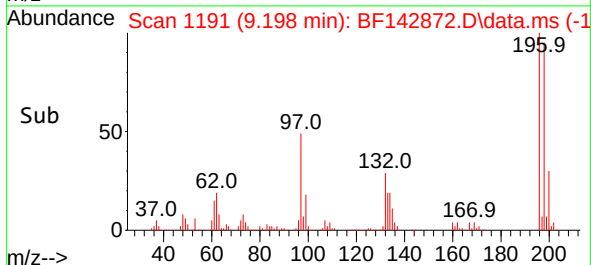
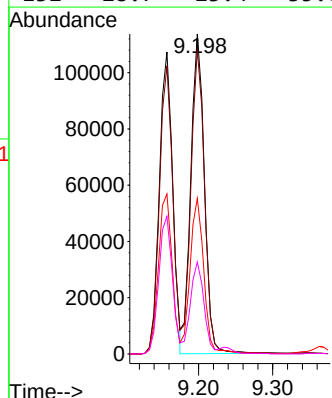
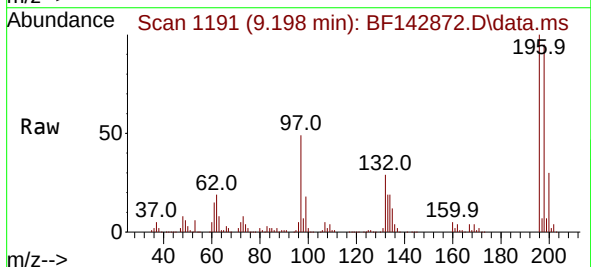
Ion Ratio Lower Upper

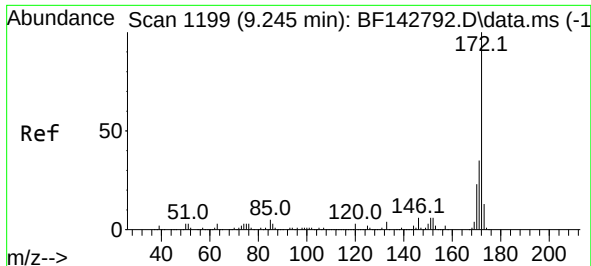
196 100

198 95.1 76.6 115.0

97 48.6 38.2 57.2

132 28.7 23.4 35.0

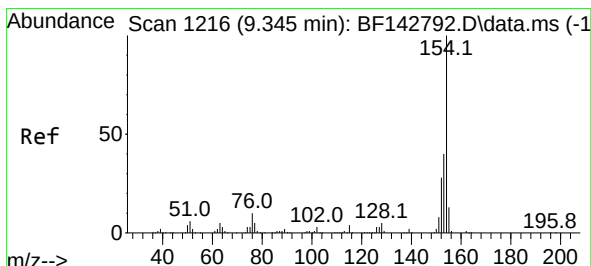
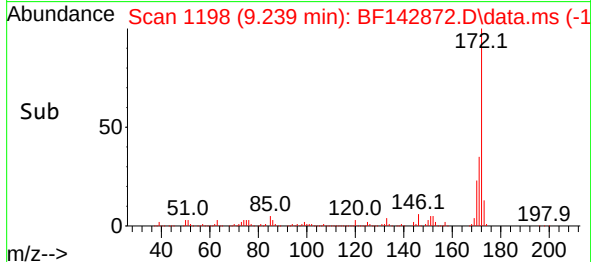
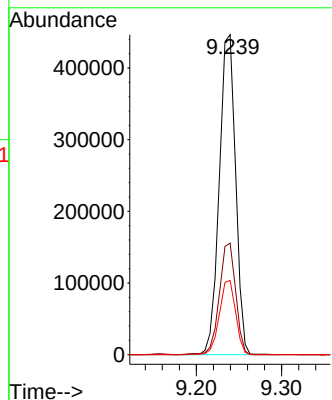
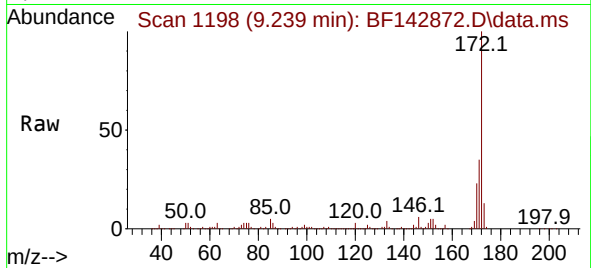




#45
2-Fluorobiphenyl
Concen: 46.306 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

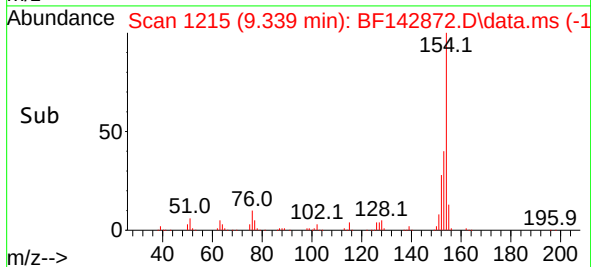
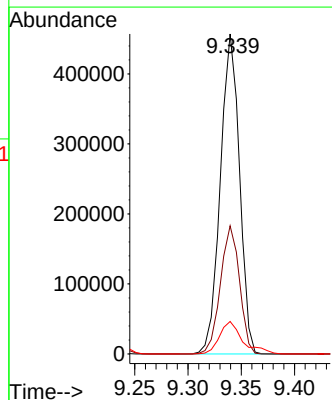
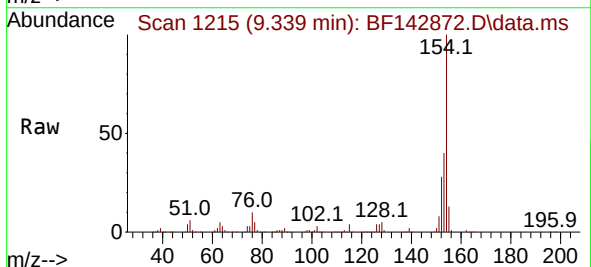
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

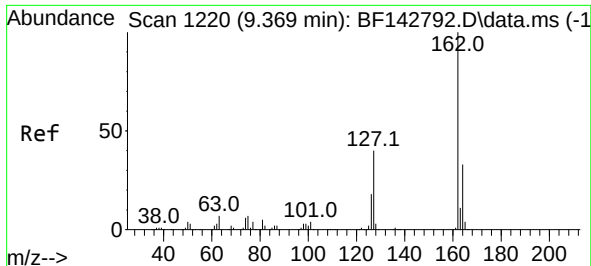
Tgt Ion:172 Resp: 594596
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.716 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:154 Resp: 569189
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.2 0.0 30.3

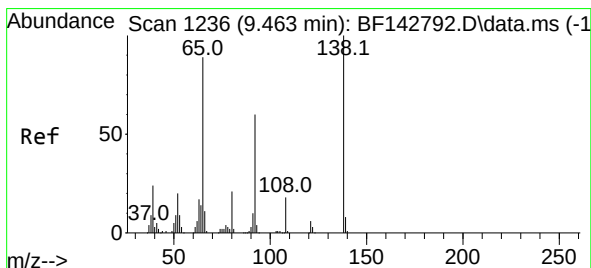
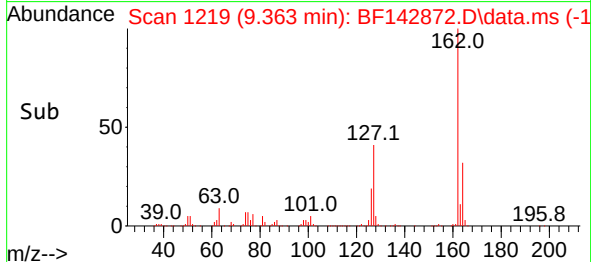
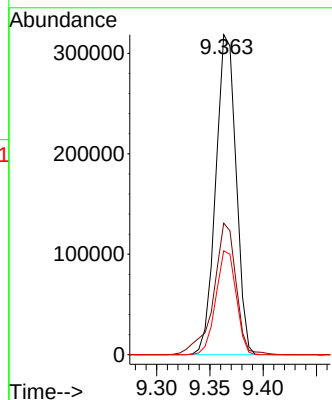
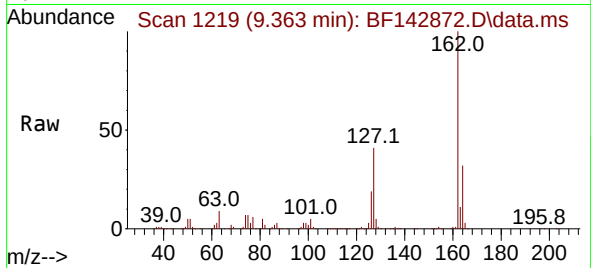




#47
2-Chloronaphthalene
Concen: 42.297 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

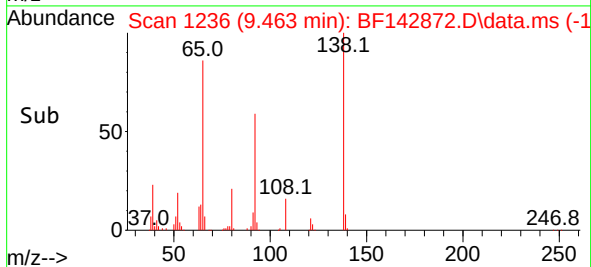
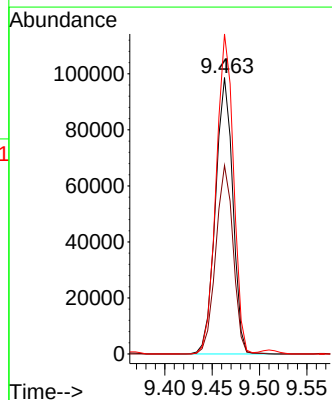
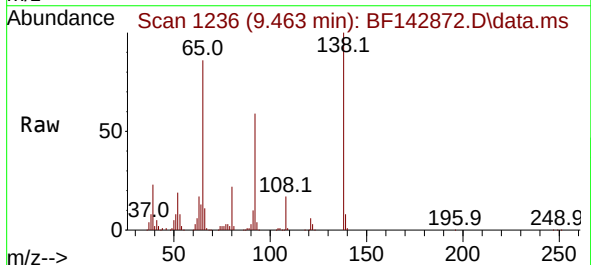
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

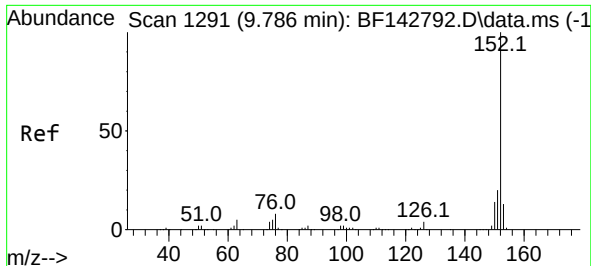
Tgt Ion:162 Resp: 422954
Ion Ratio Lower Upper
162 100
127 41.1 32.2 48.2
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 44.798 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 65 Resp: 125588
Ion Ratio Lower Upper
65 100
92 68.2 53.8 80.6
138 115.8 89.6 134.4





#49

Acenaphthylene

Concen: 42.324 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

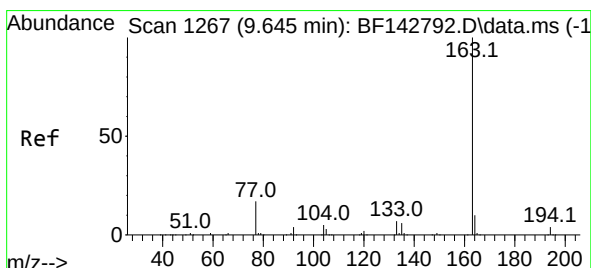
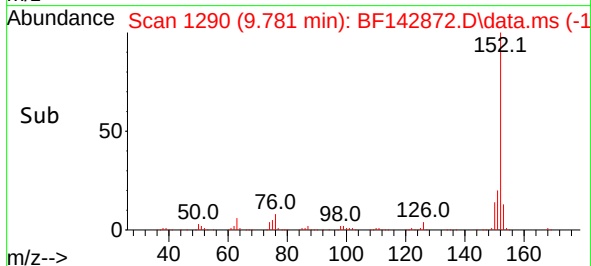
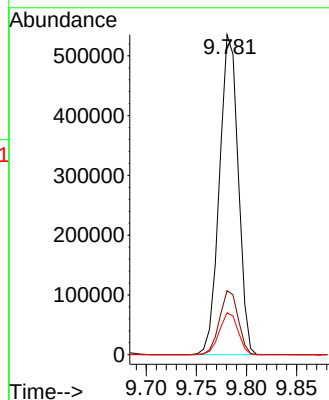
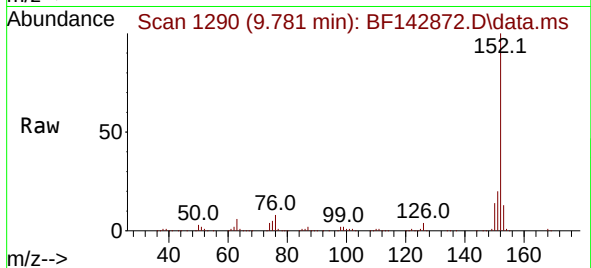
Tgt Ion:152 Resp: 696714

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 44.648 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

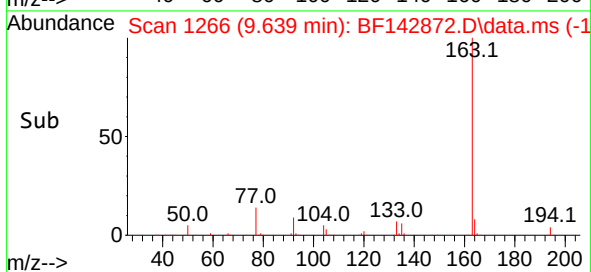
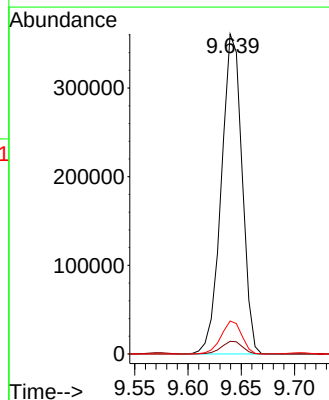
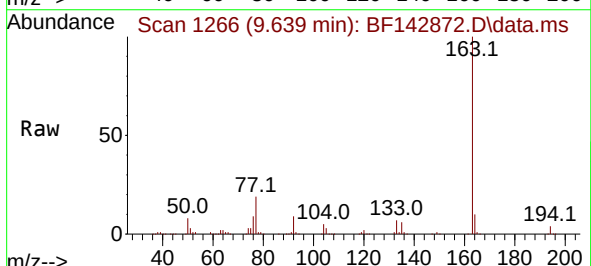
Tgt Ion:163 Resp: 487508

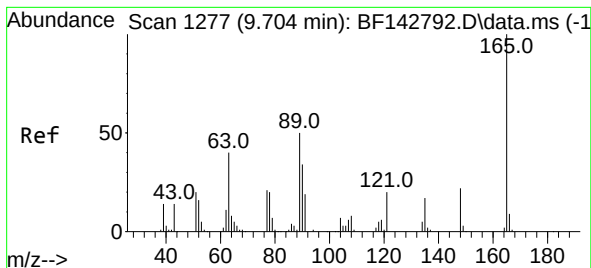
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.0 12.0

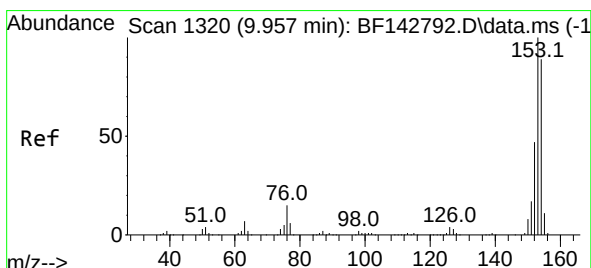
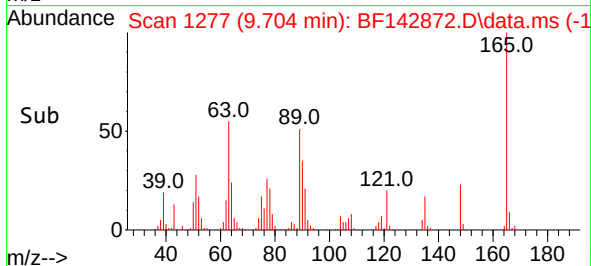
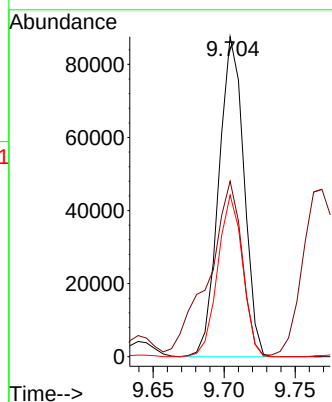
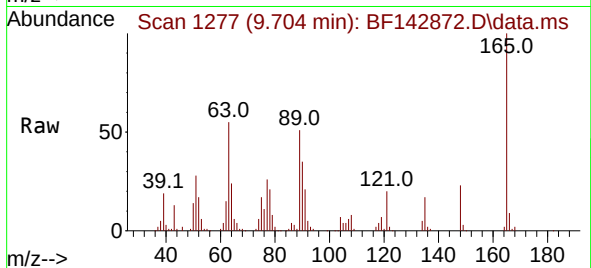




#51
2,6-Dinitrotoluene
Concen: 44.977 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

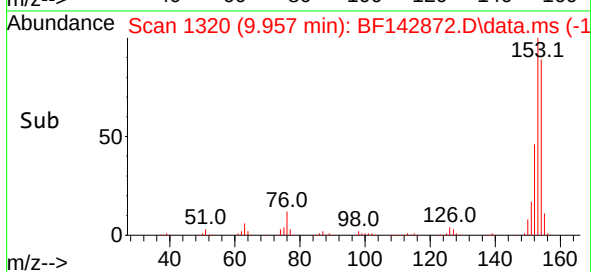
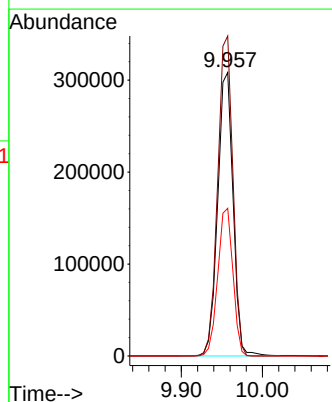
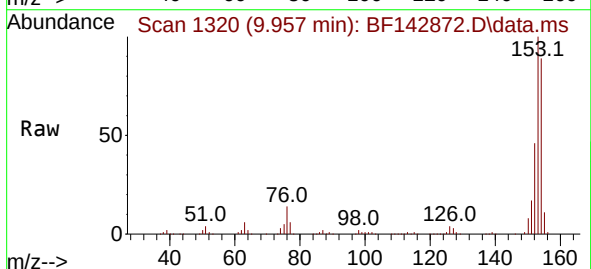
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

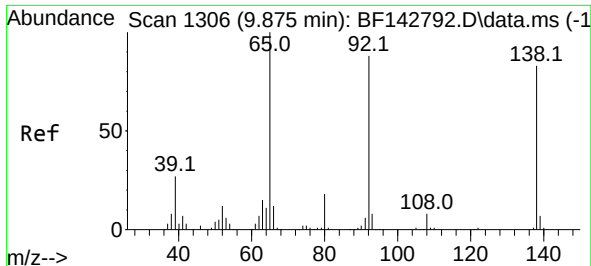
Tgt Ion:165 Resp: 107851
Ion Ratio Lower Upper
165 100
63 54.8 44.2 66.4
89 50.5 39.8 59.8



#52
Acenaphthene
Concen: 40.540 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

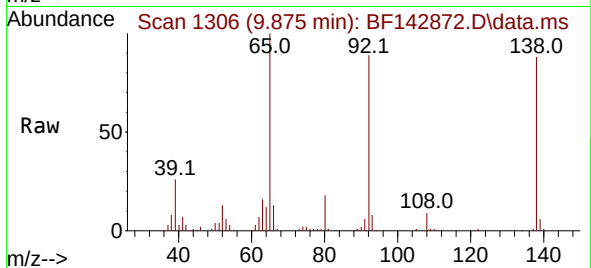
Tgt Ion:154 Resp: 407163
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.1 41.9 62.9



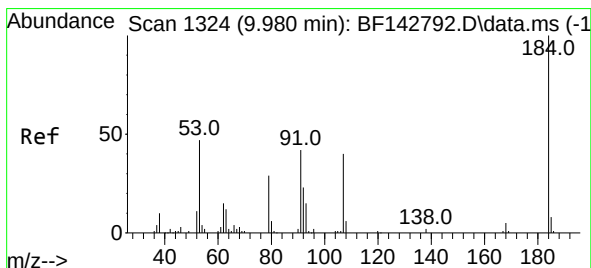
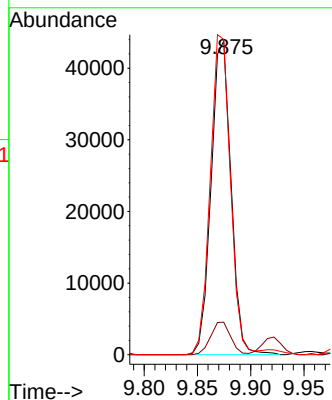
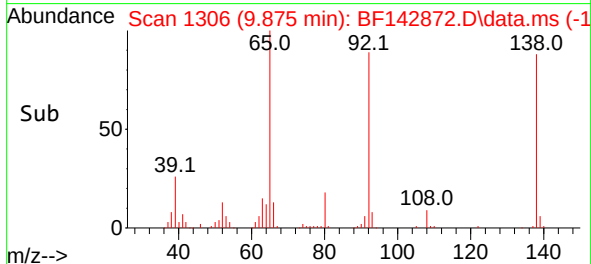


#53
3-Nitroaniline
Concen: 21.565 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

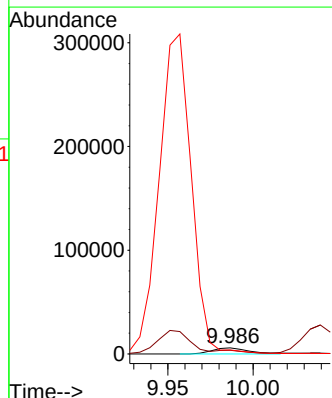
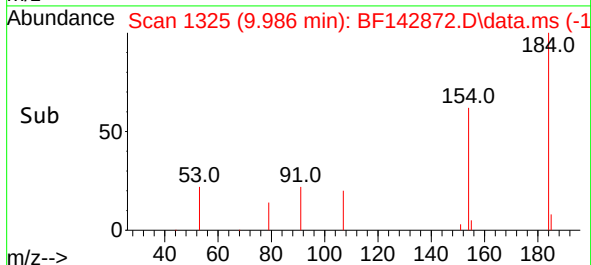
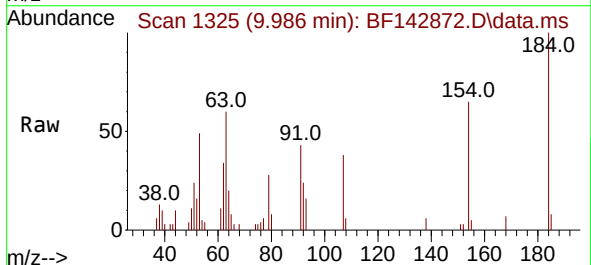


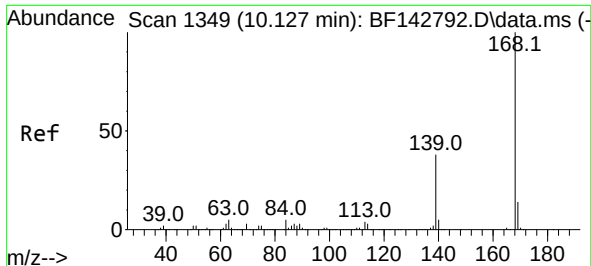
Tgt Ion:138 Resp: 56933
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 100.5 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 7.219 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:184 Resp: 8668
Ion Ratio Lower Upper
184 100
63 60.3 50.6 75.8
154 65.0 51.8 77.8

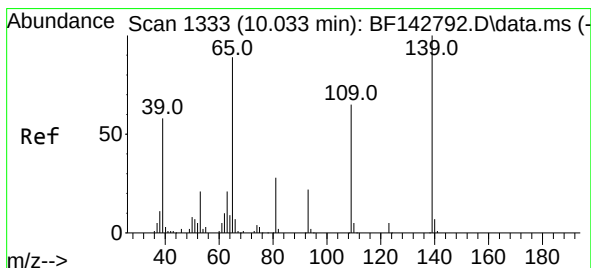
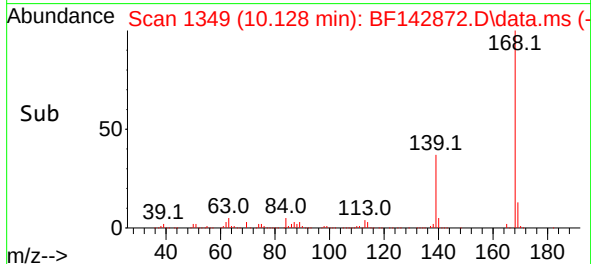
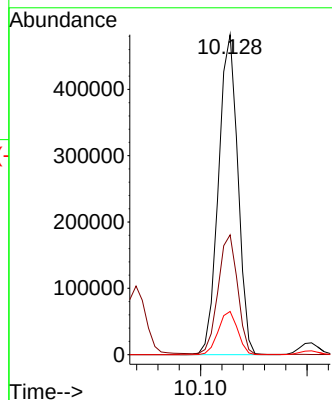
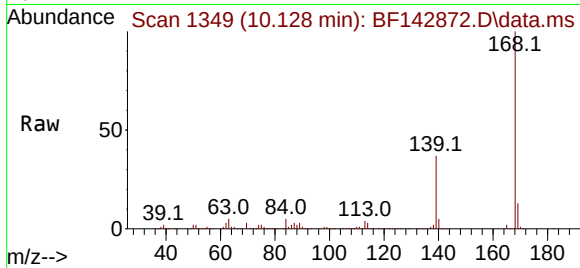




#55
Dibenzofuran
Concen: 42.088 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

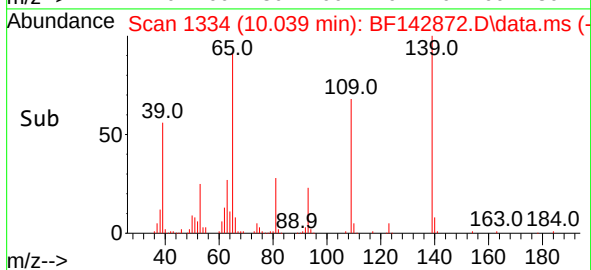
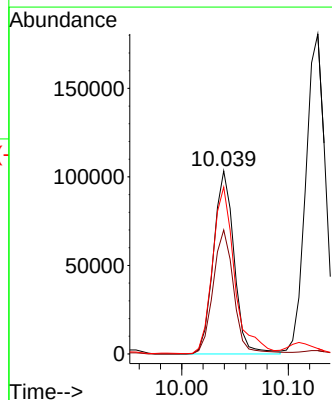
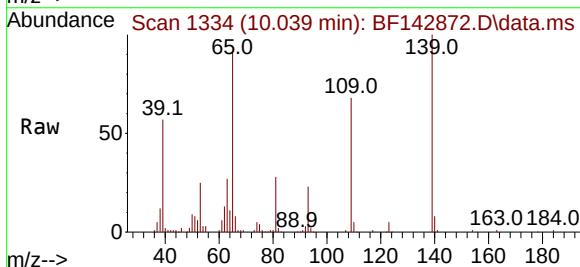
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

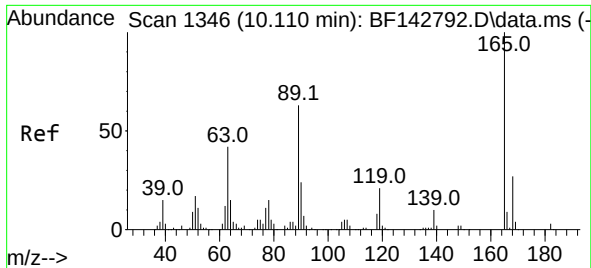
Tgt Ion:168 Resp: 606151
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 76.968 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:139 Resp: 139115
Ion Ratio Lower Upper
139 100
109 67.7 44.7 84.7
65 91.2 69.8 109.8

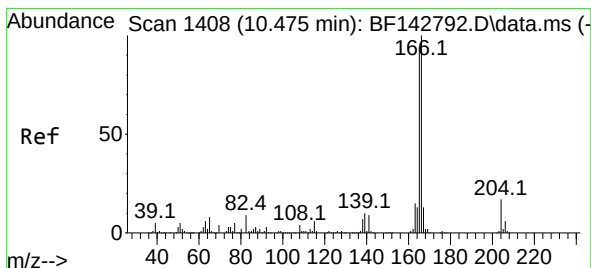
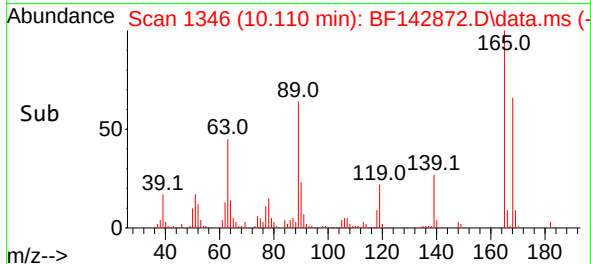
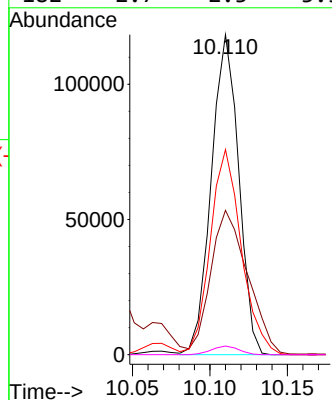
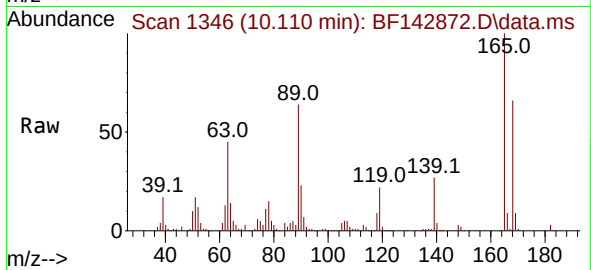




#57
2,4-Dinitrotoluene
Concen: 45.632 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

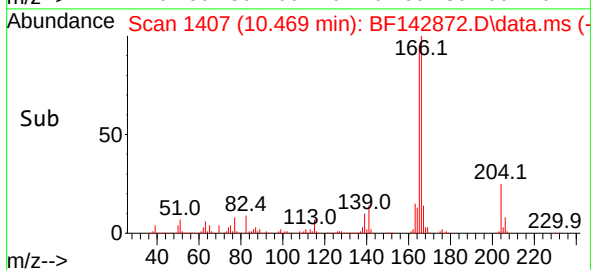
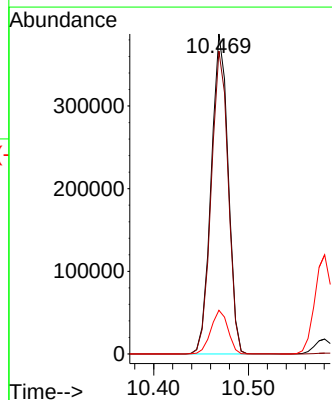
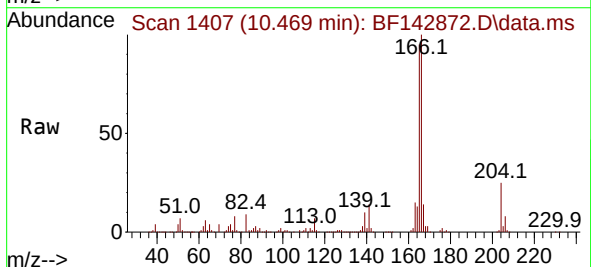
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

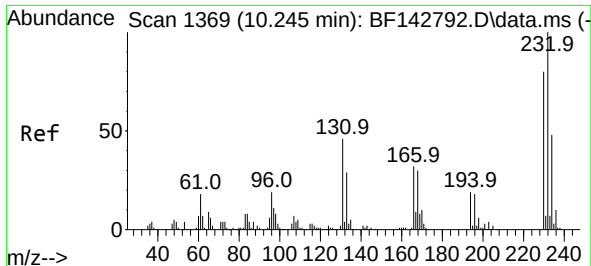
Tgt Ion:165 Resp: 145344
Ion Ratio Lower Upper
165 100
63 45.1 33.9 50.9
89 64.1 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 42.786 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:166 Resp: 481247
Ion Ratio Lower Upper
166 100
165 94.7 75.2 112.8
167 13.7 10.6 15.8



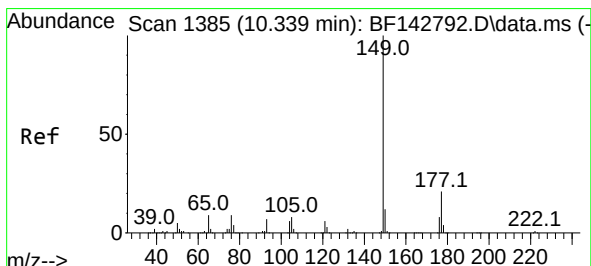
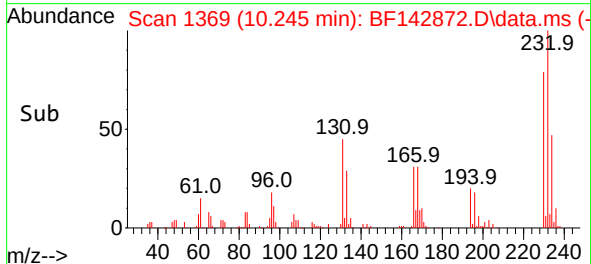
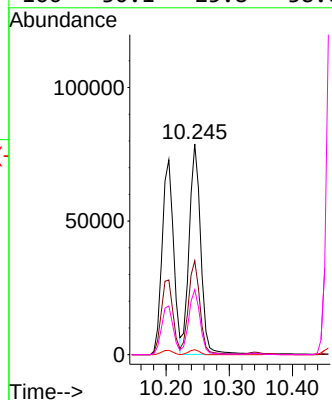
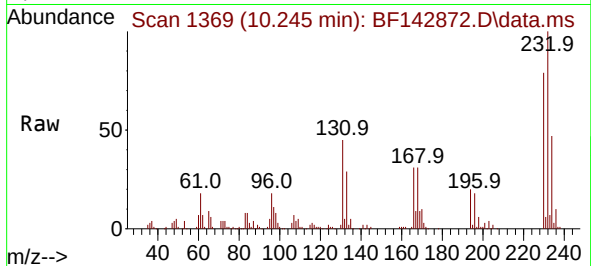


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.423 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion:232 Resp: 100236

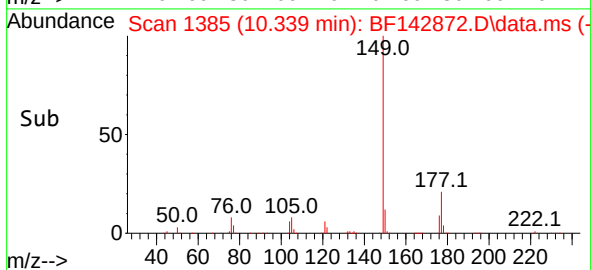
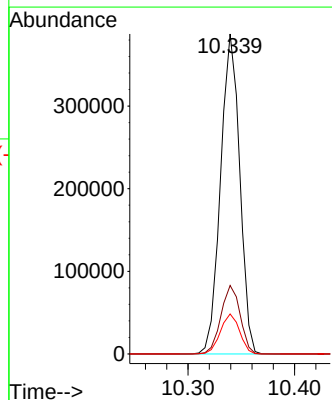
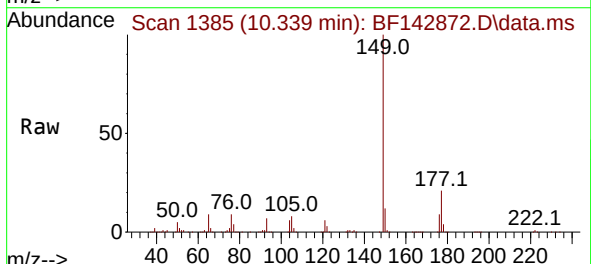
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.6	56.4
130	2.2	1.7	2.5
166	30.1	25.8	38.6

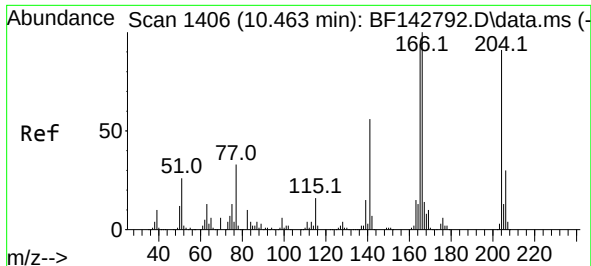


#60
Diethylphthalate
Concen: 45.097 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:149 Resp: 482804

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.5	9.8	14.6

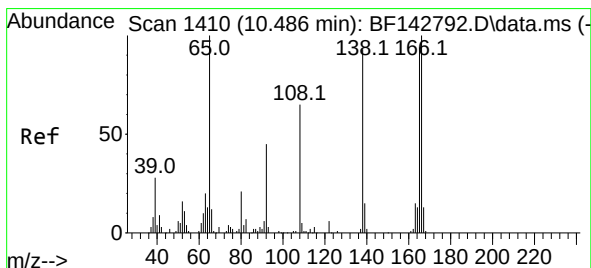
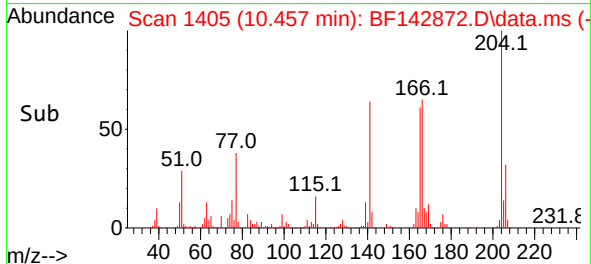
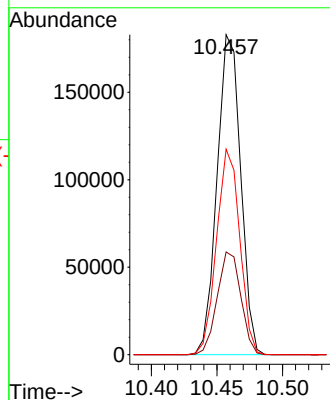
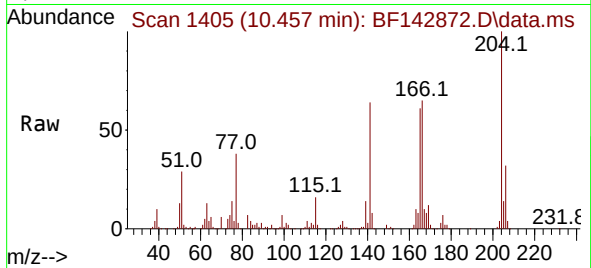




#61
4-Chlorophenyl-phenylether
Concen: 42.657 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

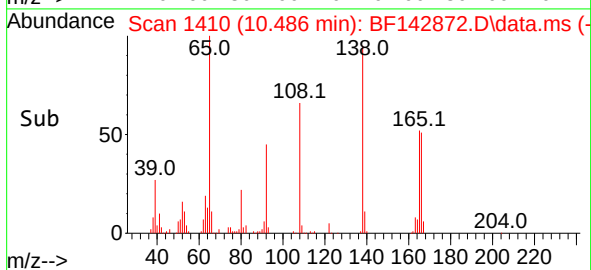
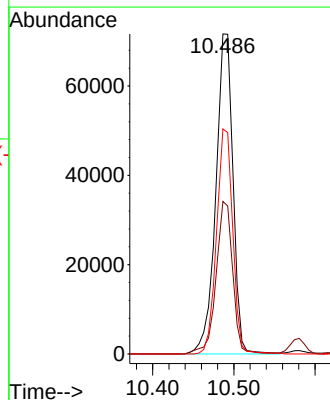
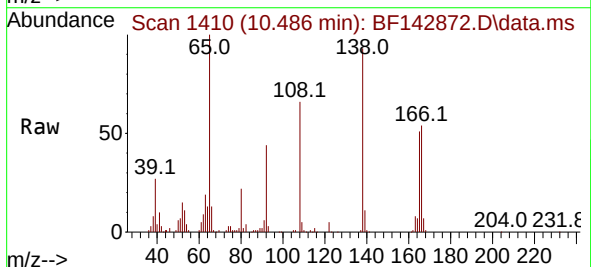
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

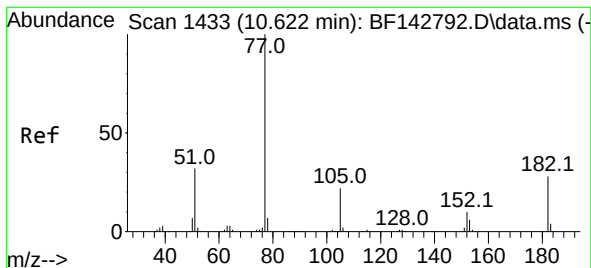
Tgt Ion:204 Resp: 228951
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 64.2 49.1 73.7



#62
4-Nitroaniline
Concen: 43.770 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:138 Resp: 105685
Ion Ratio Lower Upper
138 100
92 47.6 28.4 68.4
108 70.4 50.2 90.2





#63

Azobenzene

Concen: 46.830 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion: 77 Resp: 448091

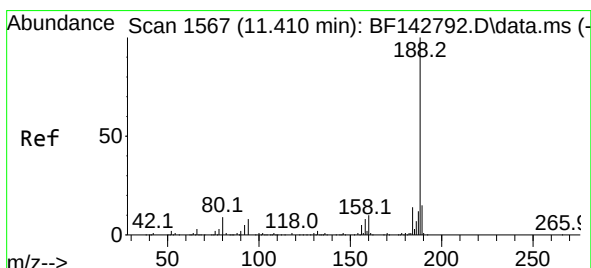
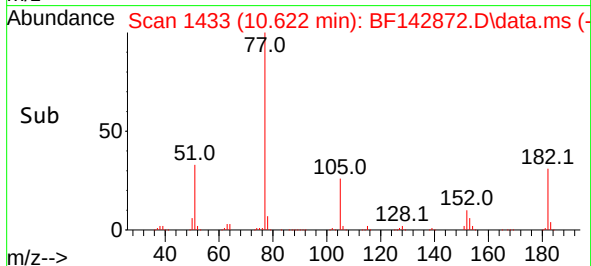
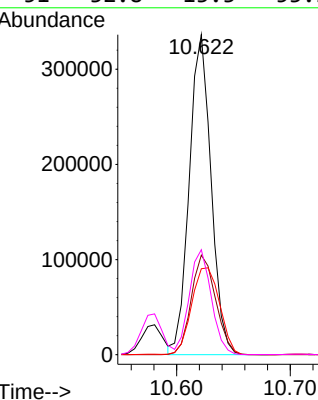
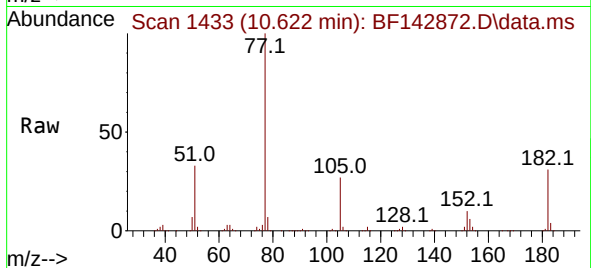
Ion Ratio Lower Upper

77 100

182 31.1 7.7 47.7

105 26.9 1.9 41.9

51 32.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

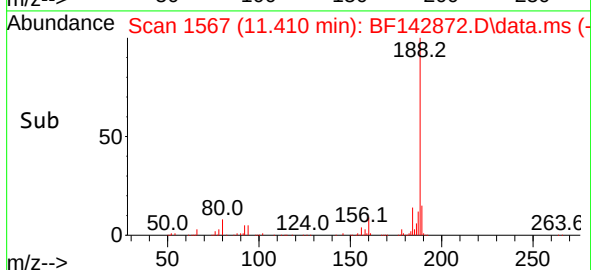
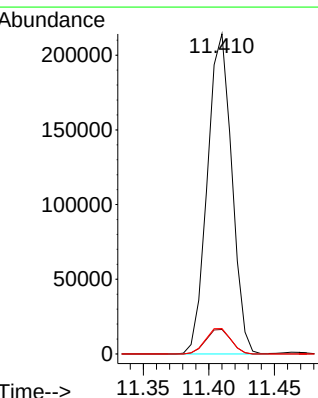
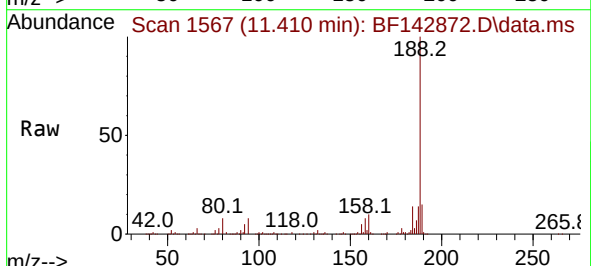
Tgt Ion:188 Resp: 277774

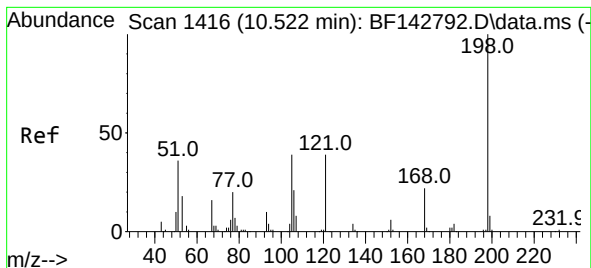
Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 8.0 6.9 10.3

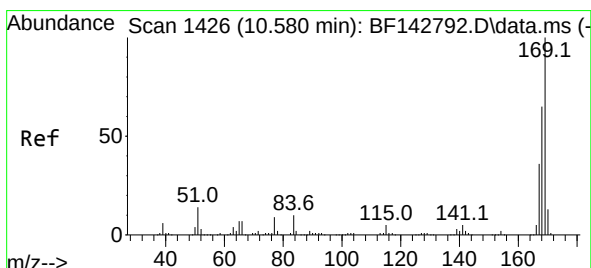
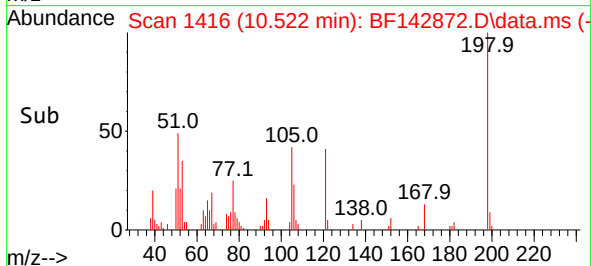
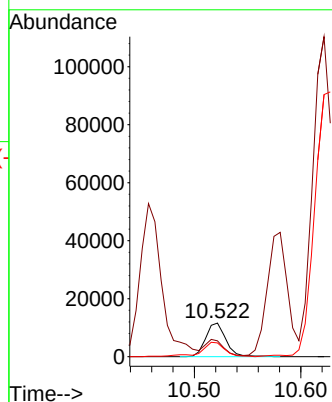
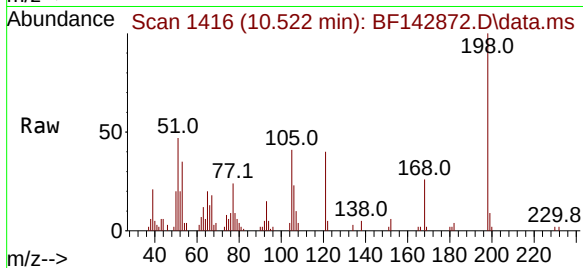




#65
4,6-Dinitro-2-methylphenol
Concen: 9.086 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

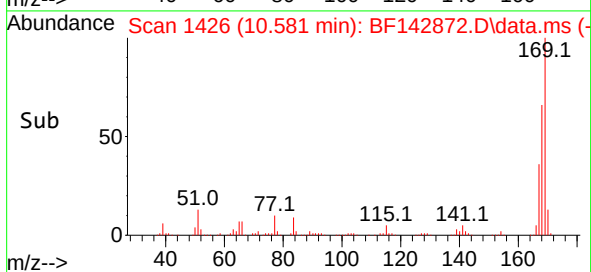
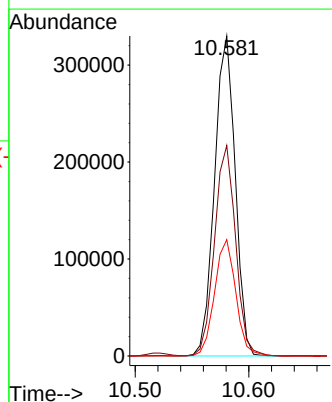
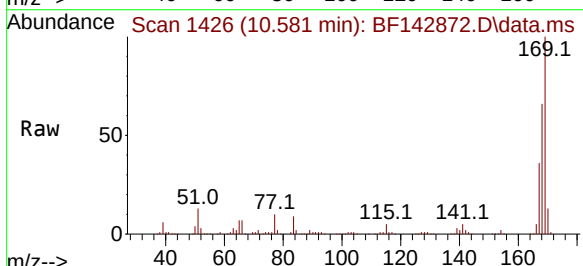
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

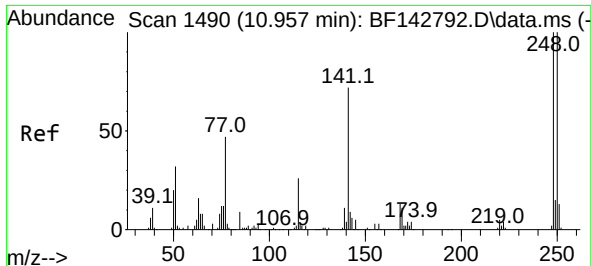
Tgt Ion:198 Resp: 15266
Ion Ratio Lower Upper
198 100
51 47.0 25.4 65.4
105 41.1 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.392 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:169 Resp: 417738
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 36.3 28.5 42.7

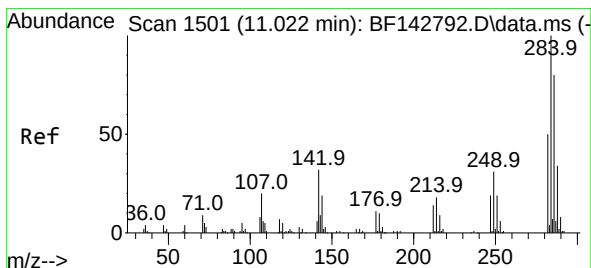
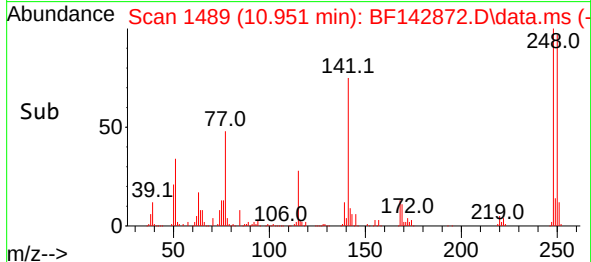
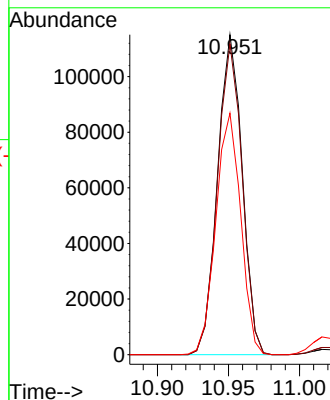
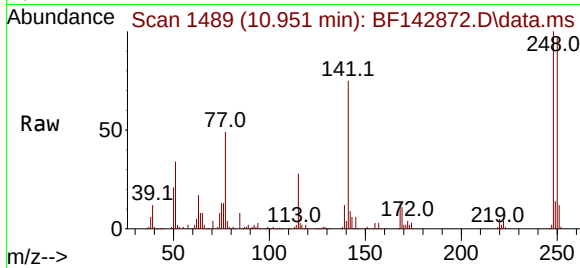




#67
4-Bromophenyl-phenylether
Concen: 43.968 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

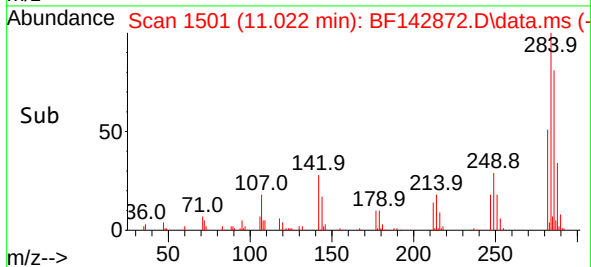
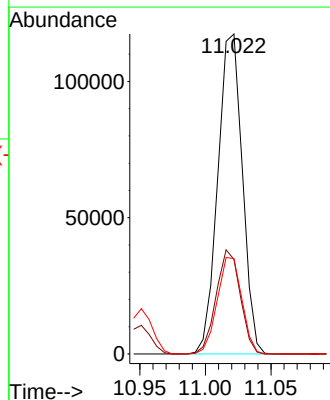
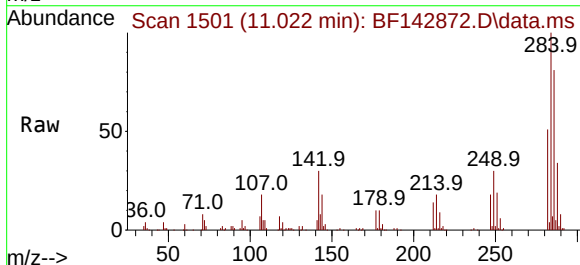
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

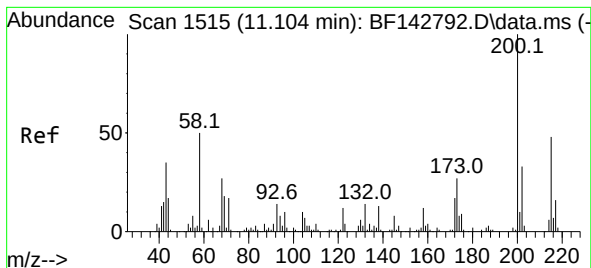
Tgt Ion:248 Resp: 138997
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 75.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.527 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:284 Resp: 152901
Ion Ratio Lower Upper
284 100
142 29.5 25.5 38.3
249 29.8 24.9 37.3





#69

Atrazine

Concen: 52.287 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

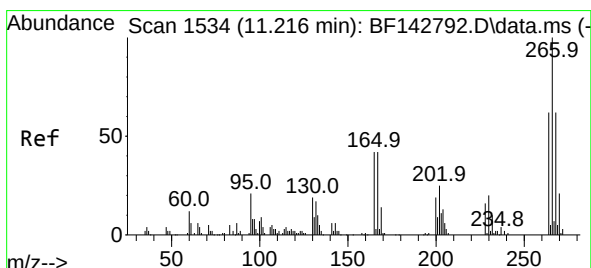
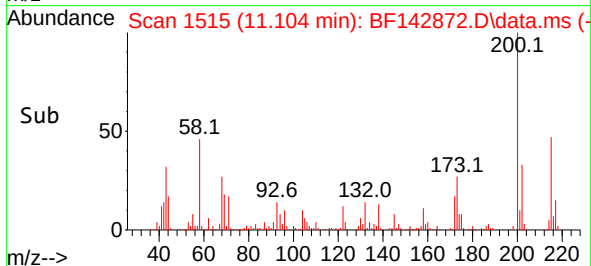
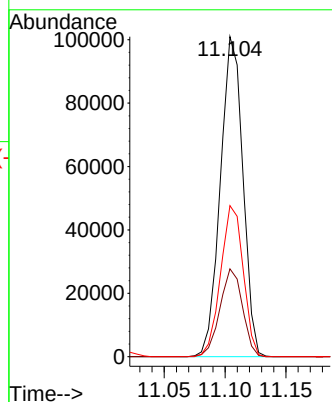
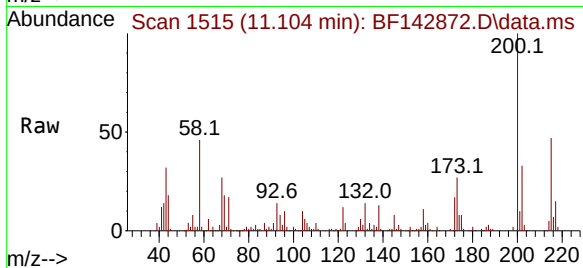
Tgt Ion:200 Resp: 129985

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 47.2 28.4 68.4



#70

Pentachlorophenol

Concen: 35.831 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

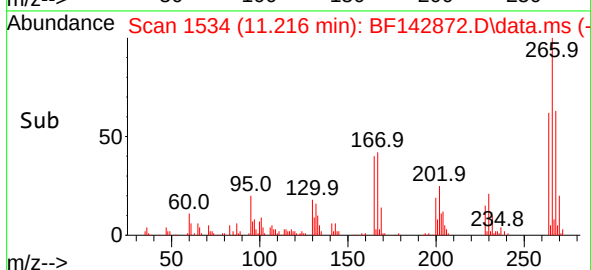
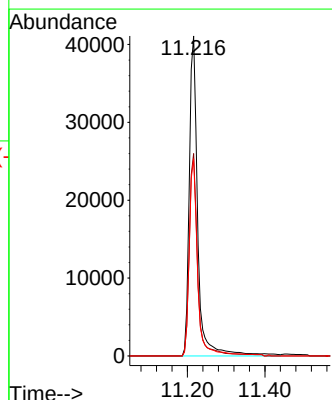
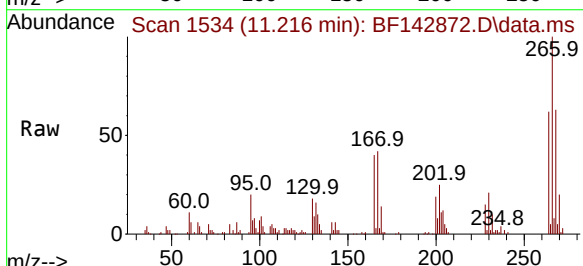
Tgt Ion:266 Resp: 62719

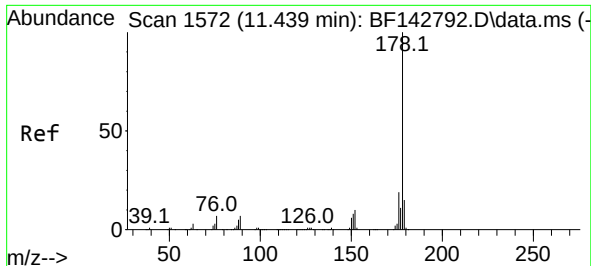
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.8

264 61.7 49.9 74.9

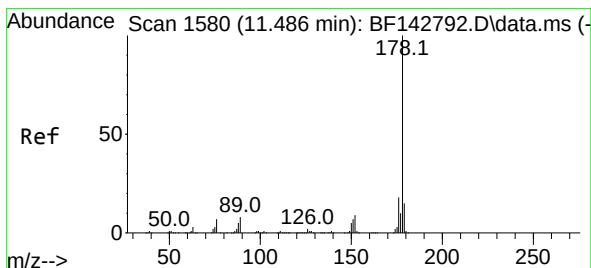
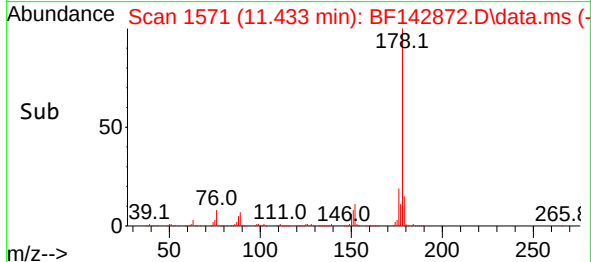
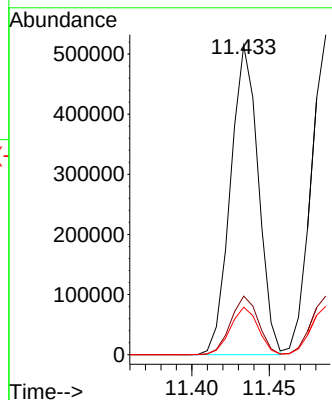
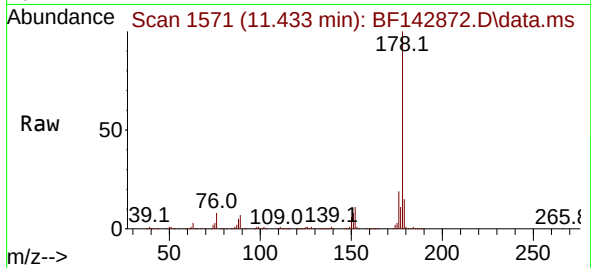




#71
Phenanthrene
Concen: 42.655 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

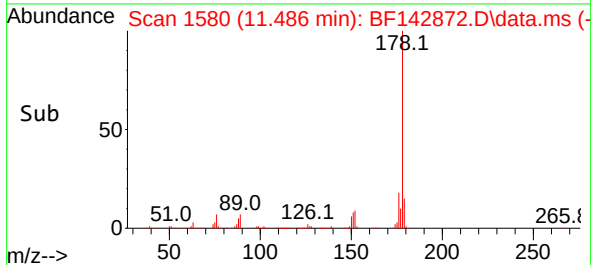
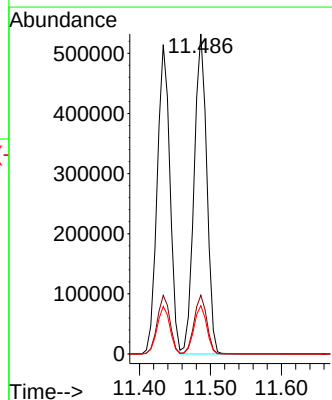
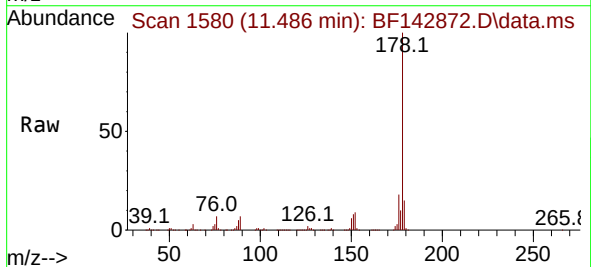
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

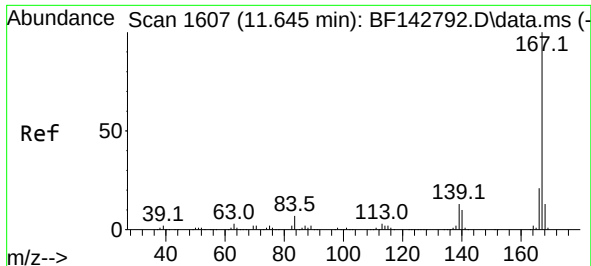
Tgt Ion:178 Resp: 641833
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 42.840 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:178 Resp: 661106
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.1 12.4 18.6

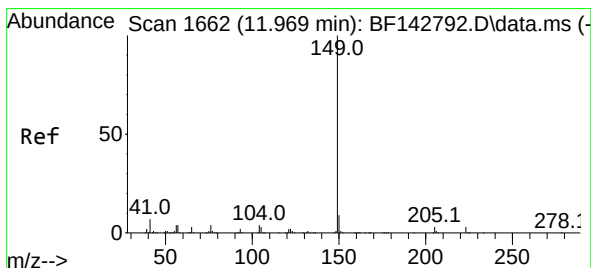
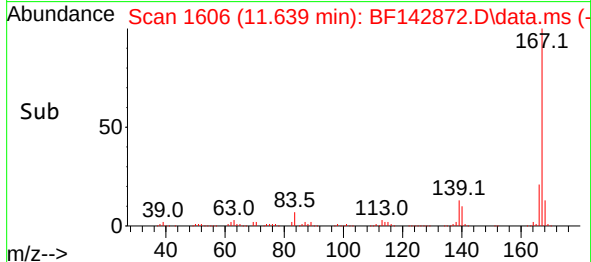
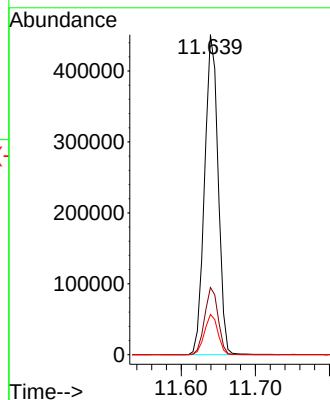
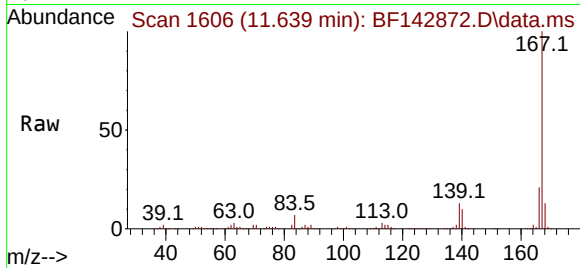




#73
 Carbazole
 Concen: 43.003 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

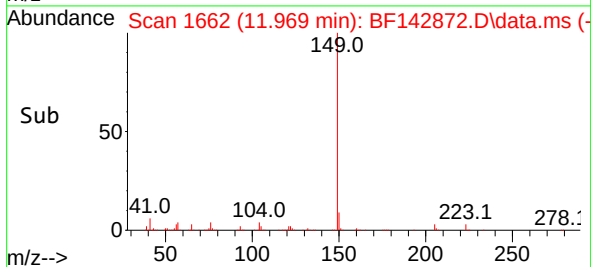
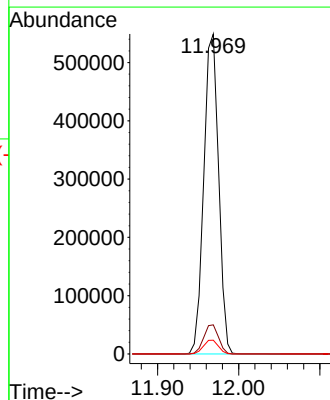
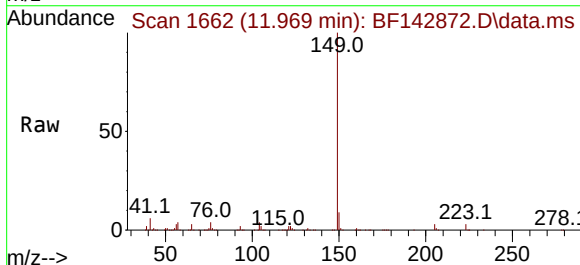
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

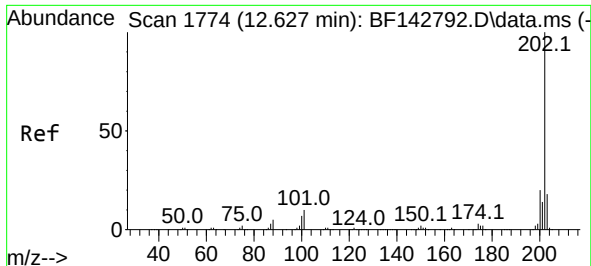
Tgt Ion:167 Resp: 572688
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 50.051 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

Tgt Ion:149 Resp: 694376
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.3 3.5 5.3

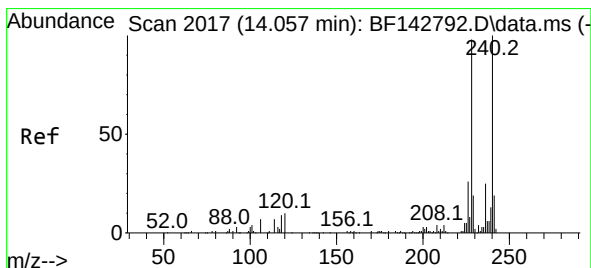
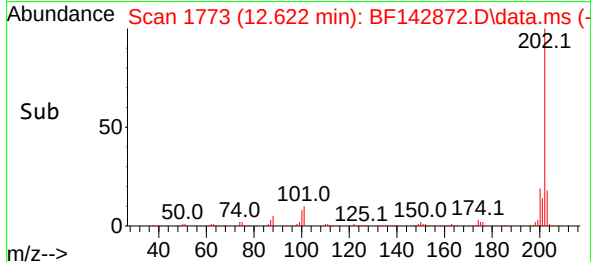
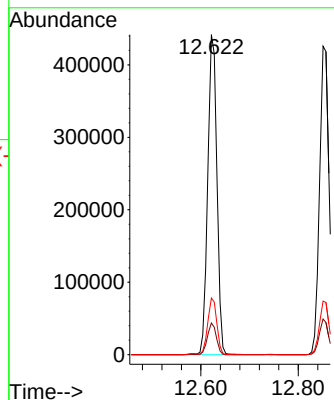
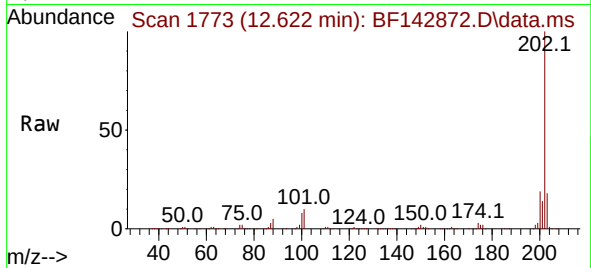




#75
Fluoranthene
Concen: 40.172 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

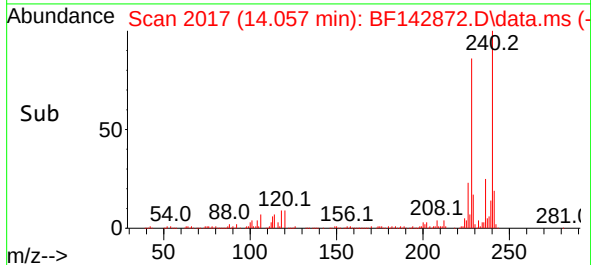
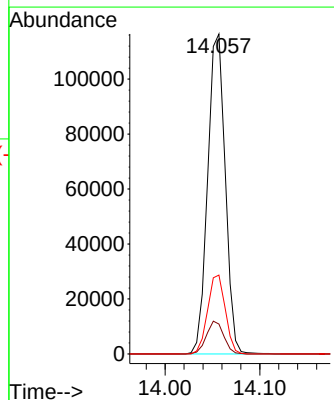
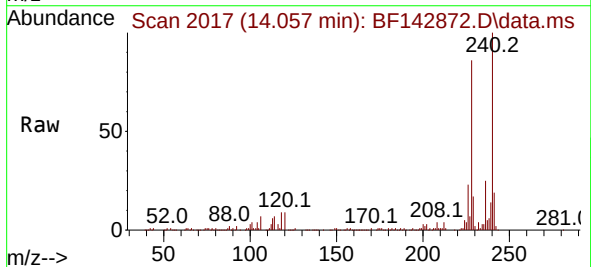
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

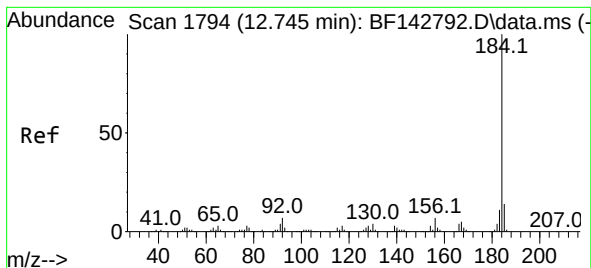
Tgt Ion:202 Resp: 573671
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:240 Resp: 149832
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.7 19.8 29.8





#77

Benzidine

Concen: 18.594 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

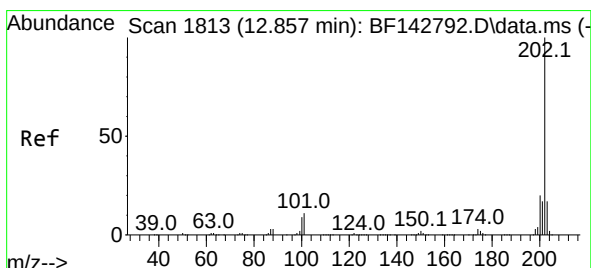
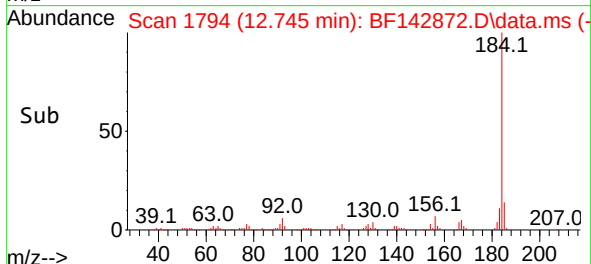
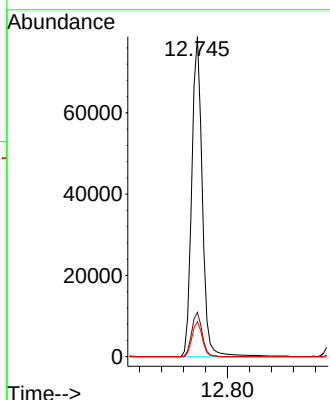
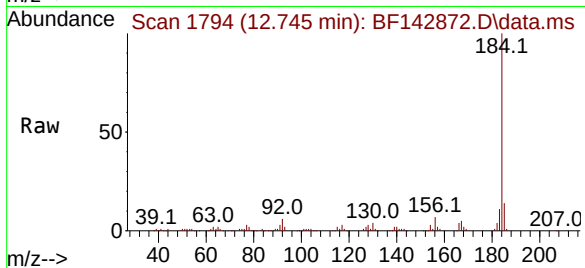
Tgt Ion:184 Resp: 104673

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 40.475 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

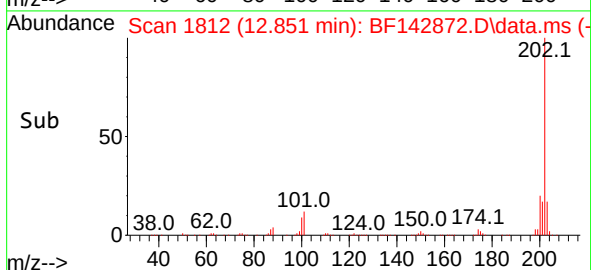
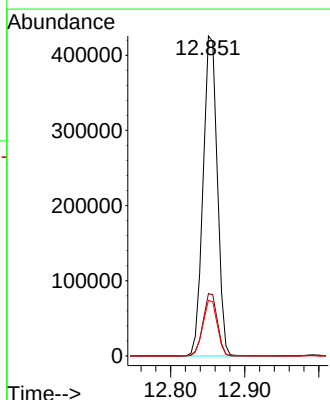
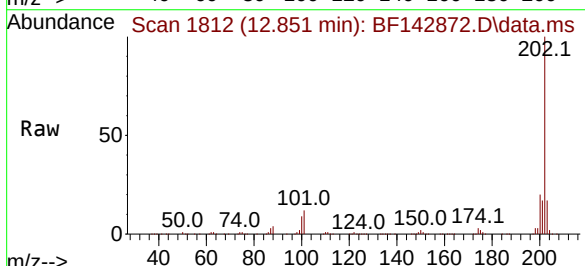
Tgt Ion:202 Resp: 568445

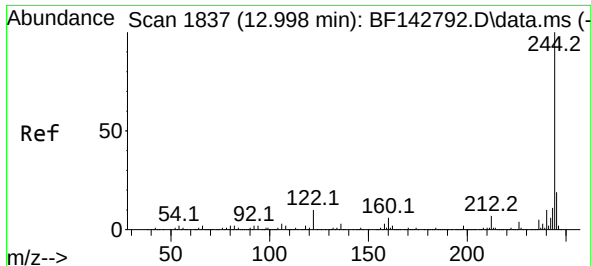
Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

203 17.4 13.8 20.6

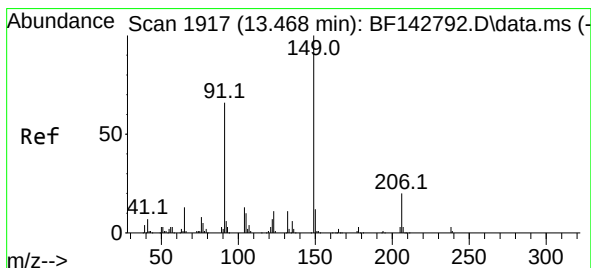
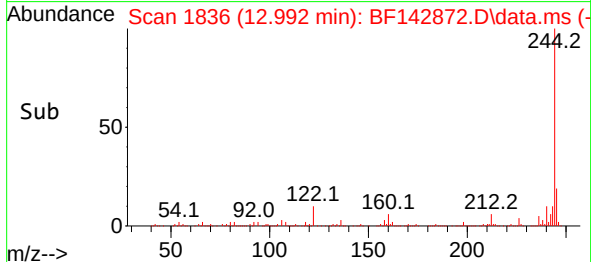
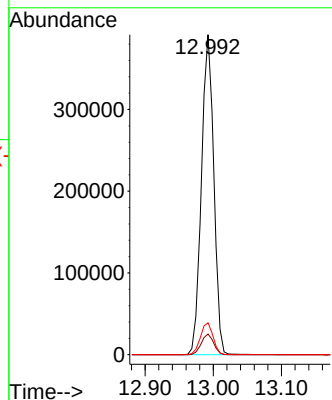
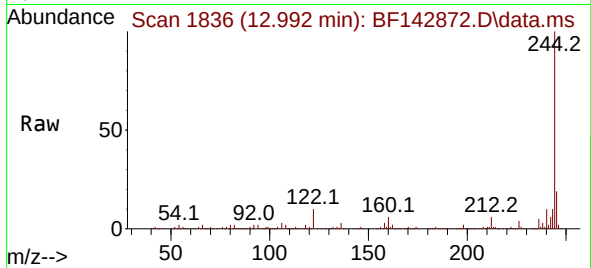




#79
 Terphenyl-d14
 Concen: 45.386 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

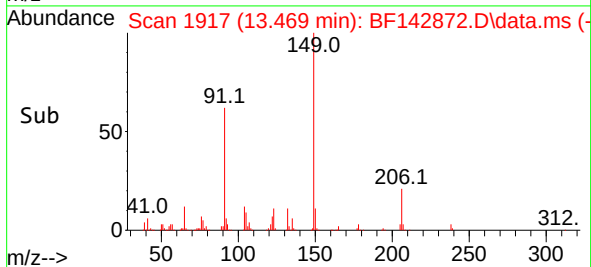
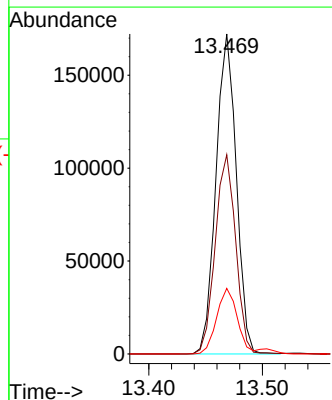
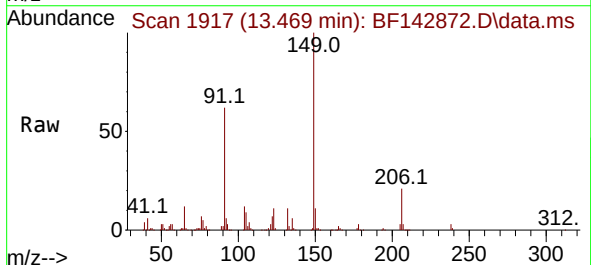
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

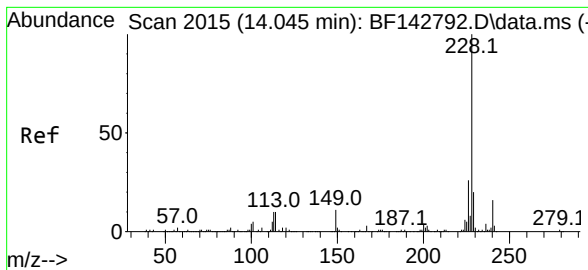
Tgt Ion:244 Resp: 492166
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.557 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

Tgt Ion:149 Resp: 214111
 Ion Ratio Lower Upper
 149 100
 91 62.3 52.9 79.3
 206 20.5 16.3 24.5

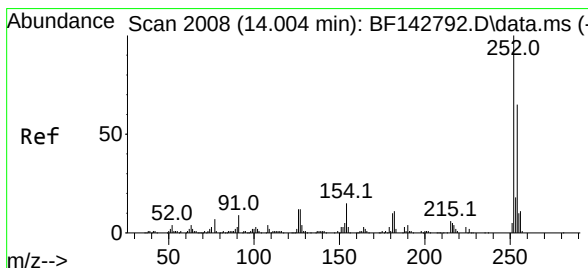
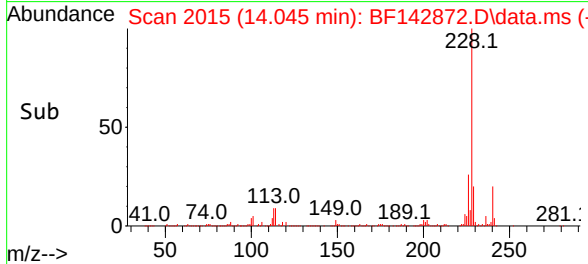
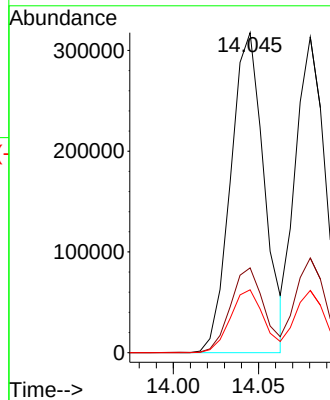
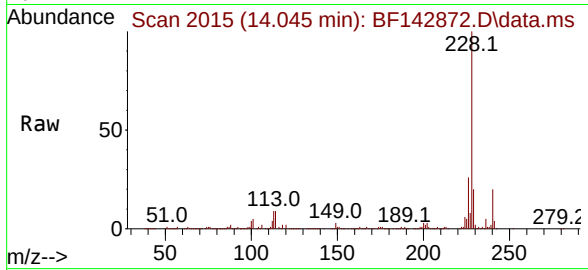




#81
 Benzo(a)anthracene
 Concen: 43.082 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

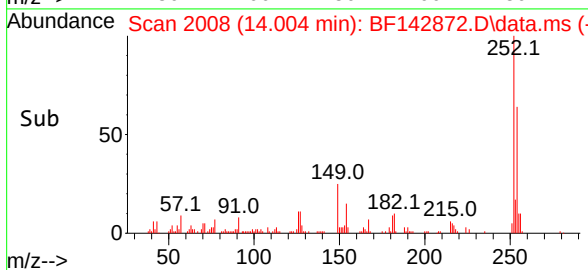
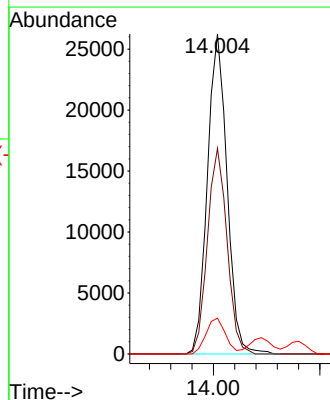
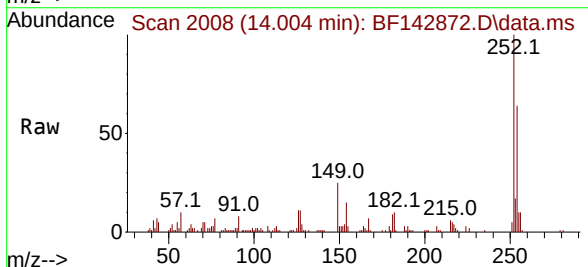
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

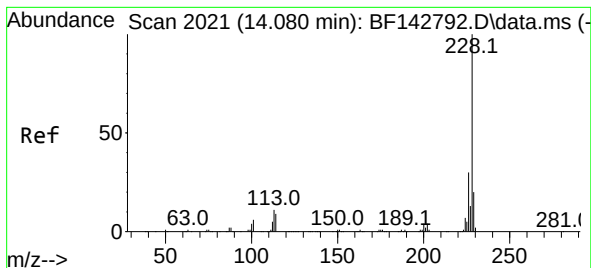
Tgt Ion:228 Resp: 435462
 Ion Ratio Lower Upper
 228 100
 226 26.5 21.2 31.8
 229 19.7 15.6 23.4



#82
 3,3'-Dichlorobenzidine
 Concen: 10.232 ng
 RT: 14.004 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: BF142872.D
 Acq: 26 Jun 2025 17:06

Tgt Ion:252 Resp: 33545
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.7 77.5
 126 11.2 9.4 14.2





#83

Chrysene

Concen: 42.219 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

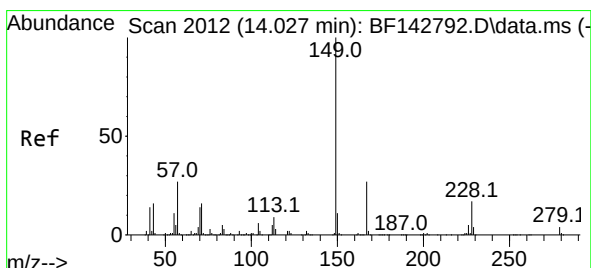
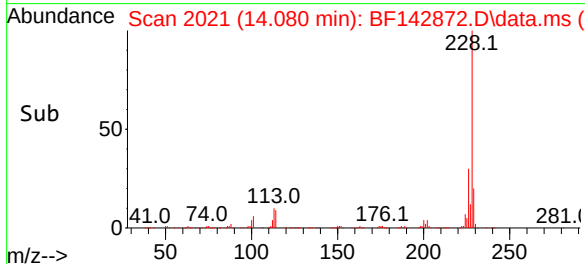
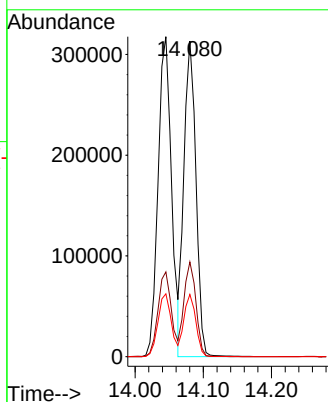
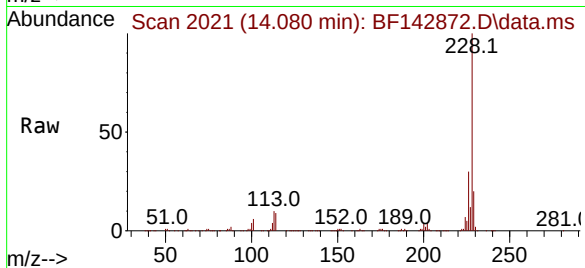
Tgt Ion:228 Resp: 380789

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.588 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

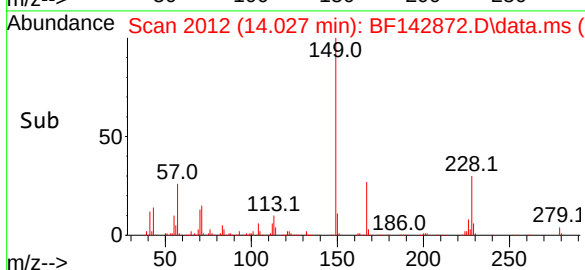
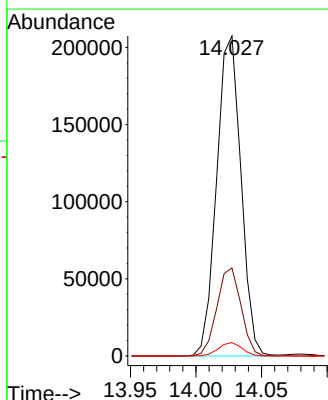
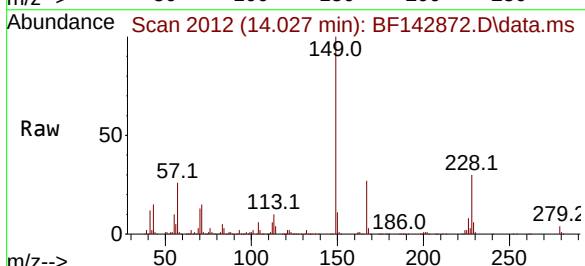
Tgt Ion:149 Resp: 267213

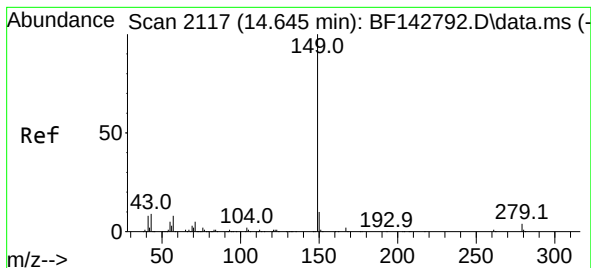
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 39.267 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

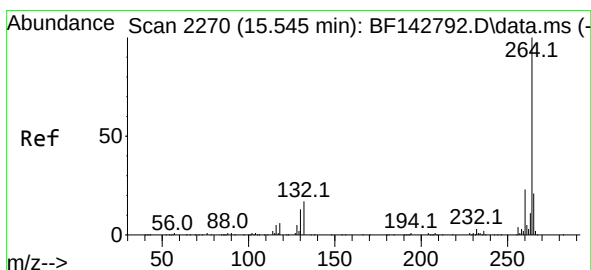
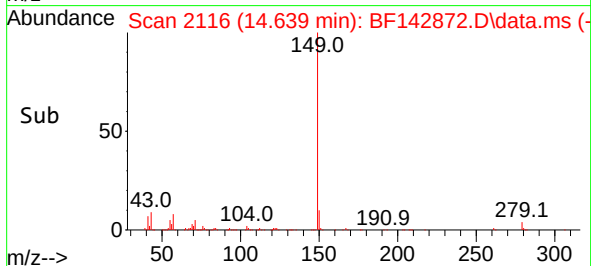
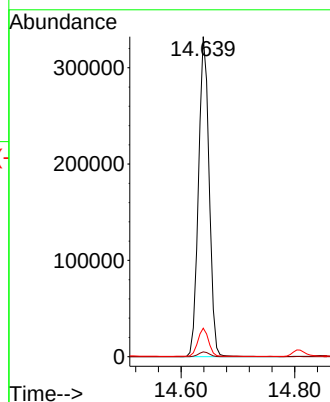
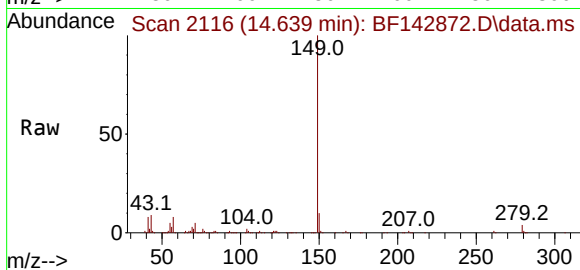
Tgt Ion:149 Resp: 433996

Ion Ratio Lower Upper

149 100

167 1.5 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: BF142872.D

Acq: 26 Jun 2025 17:06

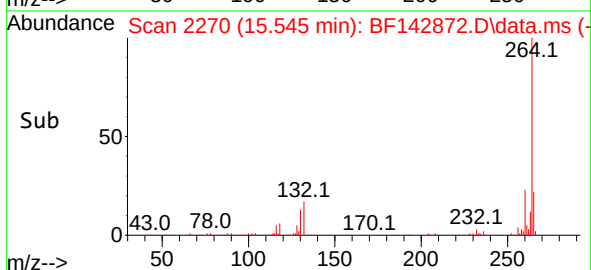
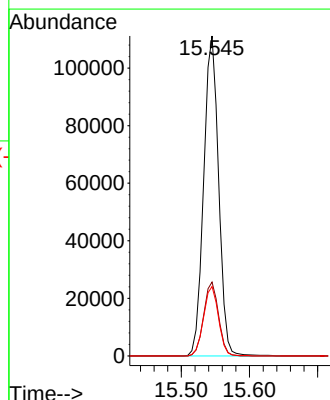
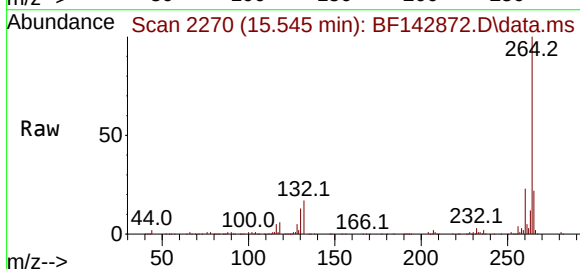
Tgt Ion:264 Resp: 169288

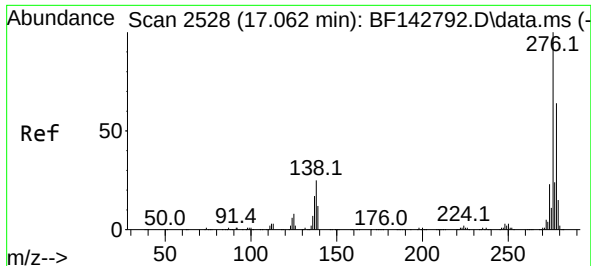
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.7 16.6 25.0

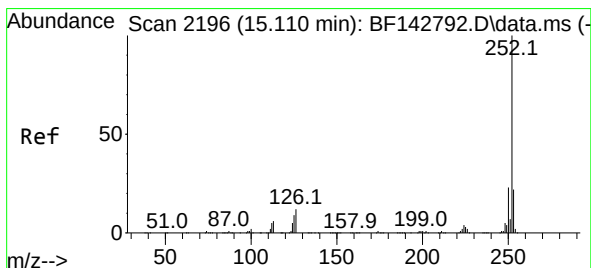
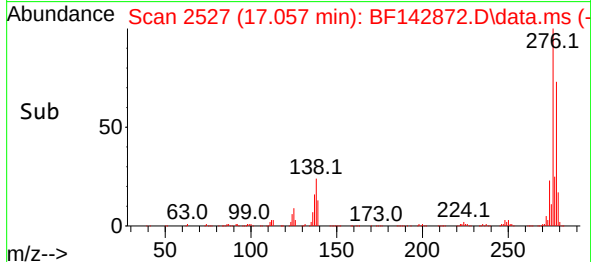
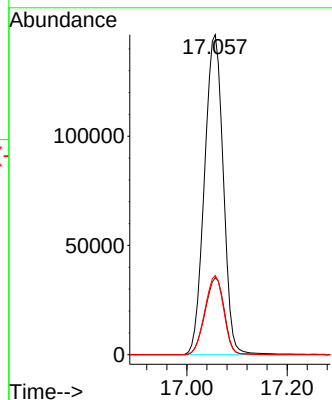
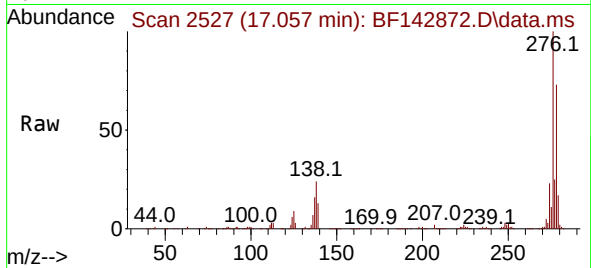




#87
Indeno(1,2,3-cd)pyrene
Concen: 29.595 ng
RT: 17.057 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

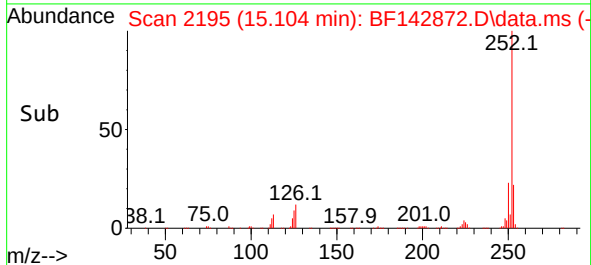
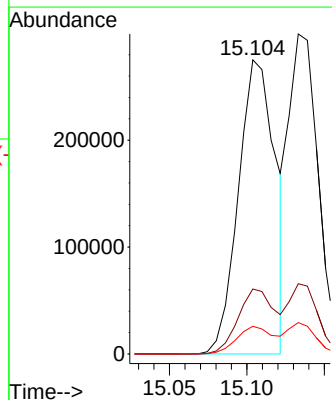
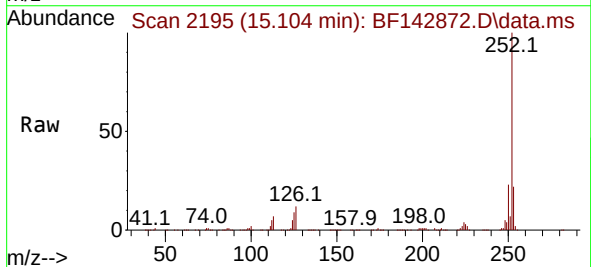
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

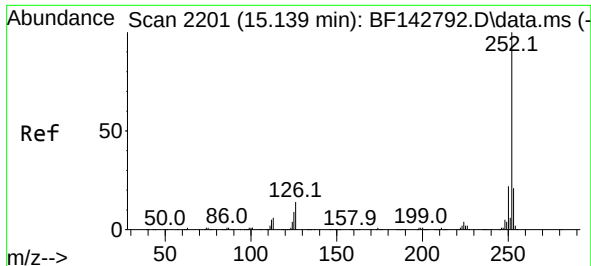
Tgt Ion:276 Resp: 381609
Ion Ratio Lower Upper
276 100
138 24.6 20.2 30.4
277 24.8 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 46.562 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:252 Resp: 456106
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.265 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

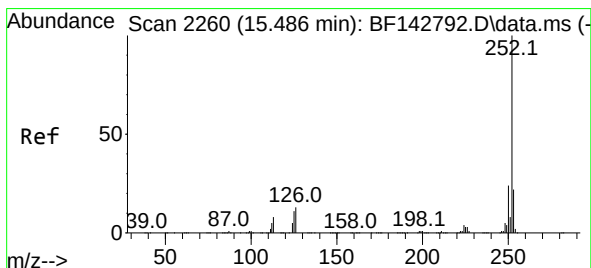
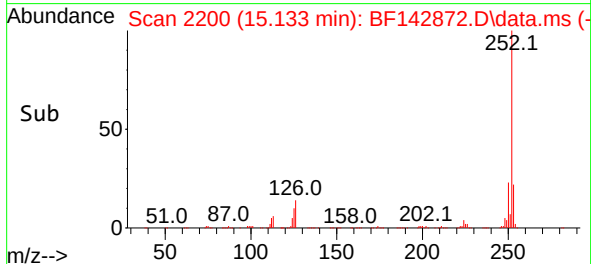
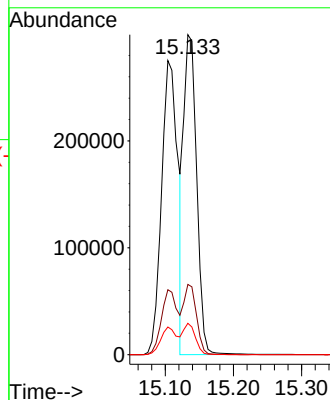
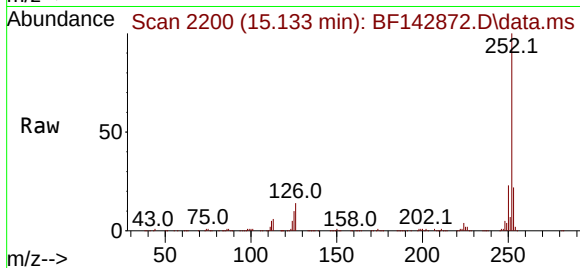
Tgt Ion:252 Resp: 396508

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 43.878 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

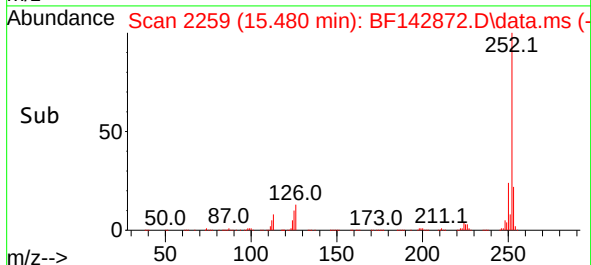
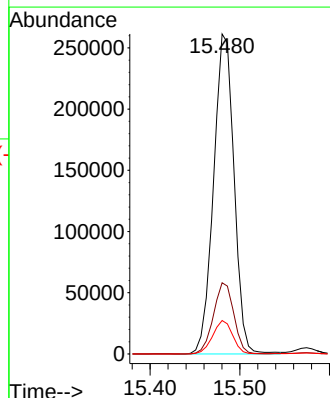
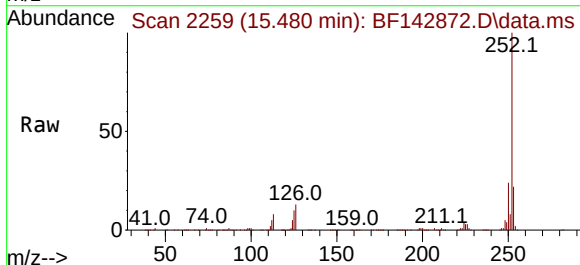
Tgt Ion:252 Resp: 415232

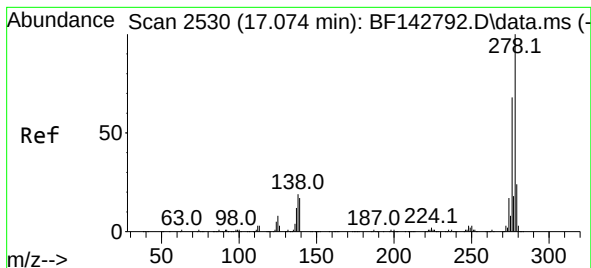
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 29.787 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

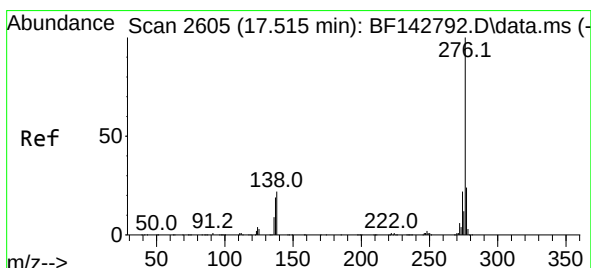
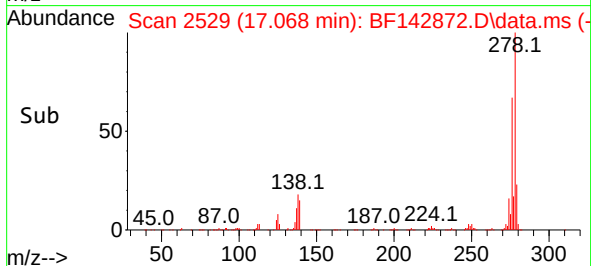
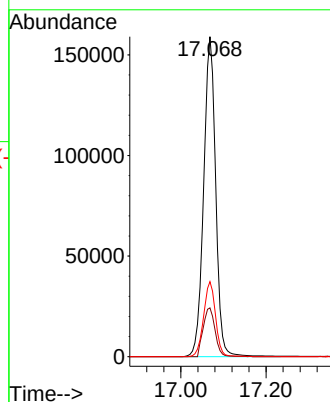
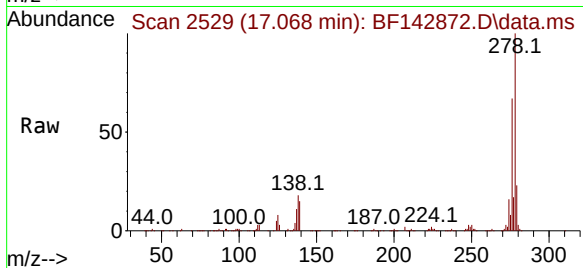
Tgt Ion:278 Resp: 312079

Ion Ratio Lower Upper

278 100

139 15.3 13.5 20.3

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 26.694 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Tgt Ion:276 Resp: 278882

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.7 17.6 26.4

