

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142606.D
 Acq On : 04 Jun 2025 14:38
 Operator : RC/JU
 Sample : Q2159-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117119	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	429653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	207287	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	289513	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	207868	20.000	ng	0.00
86) Perylene-d12	15.562	264	274922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503033	72.361	ng	0.00
7) Phenol-d6	6.522	99	608782	72.750	ng	-0.01
23) Nitrobenzene-d5	7.457	82	360559	45.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	150277	65.320	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	697253	45.136	ng	-0.02
79) Terphenyl-d14	13.004	244	493078	32.415	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	112206	40.336	ng	98
3) Pyridine	3.493	79	294977	41.640	ng	100
4) n-Nitrosodimethylamine	3.446	42	157867	42.921	ng	92
6) Aniline	6.557	93	290103	25.783	ng	97
8) 2-Chlorophenol	6.681	128	325299	42.961	ng	99
9) Benzaldehyde	6.445	77	176311	35.030	ng	99
10) Phenol	6.539	94	387871	41.193	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	293970	43.371	ng	100
12) 1,3-Dichlorobenzene	6.839	146	354983	42.014	ng	98
13) 1,4-Dichlorobenzene	6.916	146	362483	42.591	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349177	42.876	ng	99
15) Benzyl Alcohol	7.034	79	255956	41.390	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479366	42.114	ng	98
17) 2-Methylphenol	7.145	107	244760	41.402	ng	100
18) Hexachloroethane	7.410	117	125719	42.303	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	205003	39.528	ng	100
20) 3+4-Methylphenols	7.298	107	301702	39.853	ng	97
22) Acetophenone	7.304	105	407703	42.866	ng	98
24) Nitrobenzene	7.481	77	309931	43.612	ng	98
25) Isophorone	7.716	82	554934	42.124	ng	99
26) 2-Nitrophenol	7.792	139	171622	45.196	ng	98
27) 2,4-Dimethylphenol	7.833	122	271650	40.566	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	355801	43.235	ng	98
29) 2,4-Dichlorophenol	8.039	162	265245	43.555	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	289455	43.796	ng	98
31) Naphthalene	8.204	128	913570	43.183	ng	99
32) Benzoic acid	7.939	122	168301	41.288	ng	96
33) 4-Chloroaniline	8.245	127	85937	10.025	ng	100
34) Hexachlorobutadiene	8.316	225	175291	42.476	ng	99
35) Caprolactam	8.616	113	75256	43.999	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	251467	40.292	ng	96
37) 2-Methylnaphthalene	8.892	142	555494	41.736	ng	100
38) 1-Methylnaphthalene	8.992	142	568389	41.286	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	281606	47.326	ng	99
41) Hexachlorocyclopentadiene	9.045	237	317173	79.016	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	185819	46.311	ng	97

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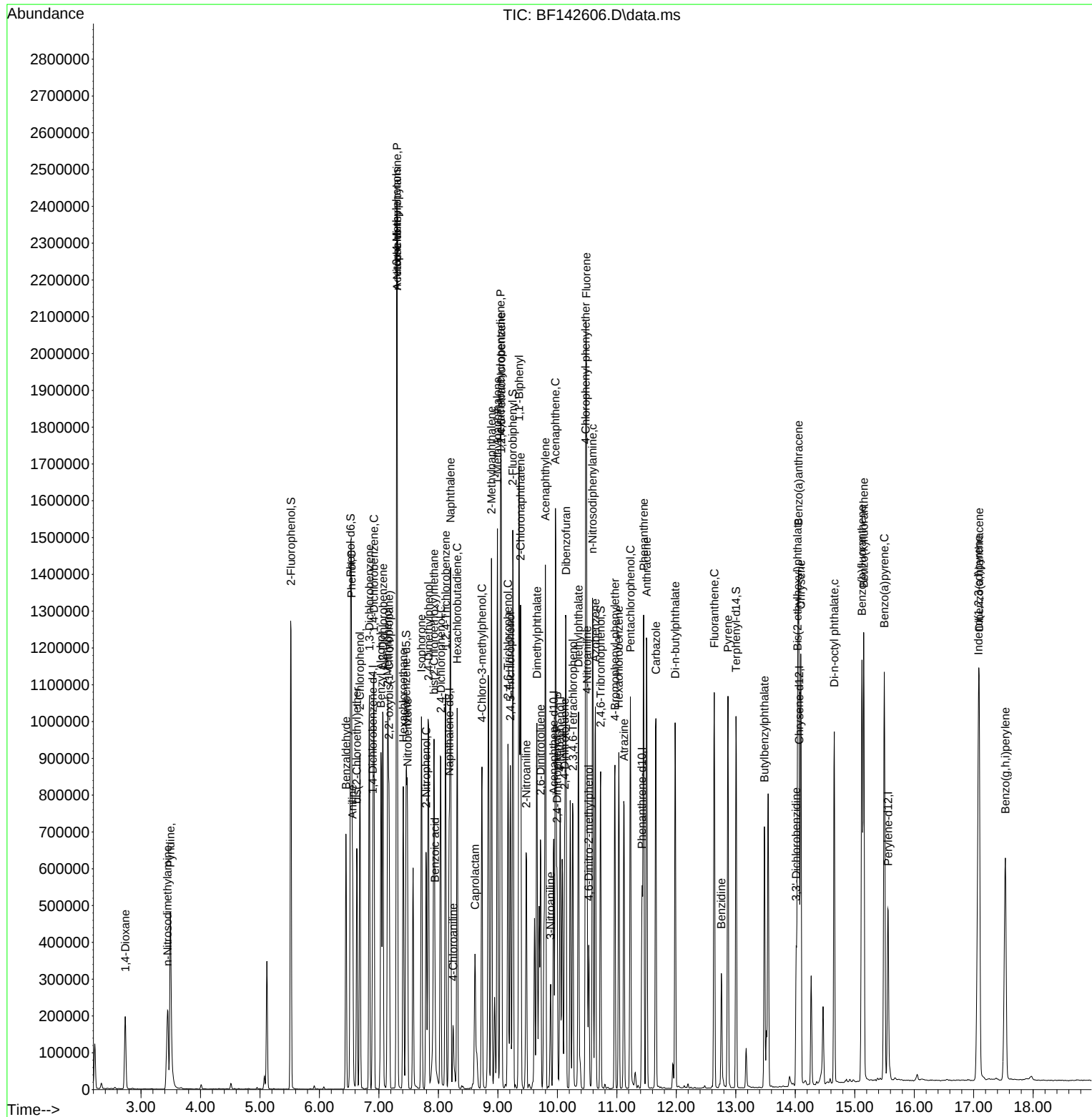
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	182412	43.106	ng	98
46) 1,1'-Biphenyl	9.357	154	741150	46.086	ng	99
47) 2-Chloronaphthalene	9.380	162	542733	45.678	ng	99
48) 2-Nitroaniline	9.475	65	149998	43.676	ng	99
49) Acenaphthylene	9.798	152	884211	44.071	ng	100
50) Dimethylphthalate	9.657	163	597235	43.666	ng	100
51) 2,6-Dinitrotoluene	9.716	165	130411	44.177	ng	99
52) Acenaphthene	9.969	154	566786	46.264	ng	100
53) 3-Nitroaniline	9.886	138	63685	19.751	ng	100
54) 2,4-Dinitrophenol	9.992	184	117271	76.892	ng	94
55) Dibenzofuran	10.145	168	766850	43.498	ng	97
56) 4-Nitrophenol	10.051	139	188095	79.063	ng	96
57) 2,4-Dinitrotoluene	10.122	165	168682	43.754	ng	100
58) Fluorene	10.486	166	572933	42.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143474	40.613	ng	98
60) Diethylphthalate	10.357	149	559299	41.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	279681	41.802	ng	98
62) 4-Nitroaniline	10.498	138	114406	39.123	ng	97
63) Azobenzene	10.639	77	517652	43.145	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	74396	46.046	ng	98
66) n-Nitrosodiphenylamine	10.592	169	485968	49.064	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	164283	47.990	ng	97
68) Hexachlorobenzene	11.033	284	177585	46.903	ng	99
69) Atrazine	11.122	200	134893	51.281	ng	99
70) Pentachlorophenol	11.227	266	179072	83.771	ng	99
71) Phenanthrene	11.451	178	699348	45.200	ng	100
72) Anthracene	11.504	178	713117	45.161	ng	100
73) Carbazole	11.657	167	609293	45.135	ng	99
74) Di-n-butylphthalate	11.980	149	707550	47.884	ng	99
75) Fluoranthene	12.639	202	621123	42.963	ng	99
77) Benzidine	12.757	184	184313	23.827	ng	99
78) Pyrene	12.868	202	626053	32.286	ng	100
80) Butylbenzylphthalate	13.480	149	239908	44.775	ng	99
81) Benzo(a)anthracene	14.057	228	615470	44.341	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	114751	27.256	ng	98
83) Chrysene	14.092	228	572386	45.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	337322	49.178	ng	99
85) Di-n-octyl phthalate	14.657	149	661412	49.316	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	749576	36.318	ng	98
88) Benzo(b)fluoranthene	15.121	252	708411	43.538	ng	98
89) Benzo(k)fluoranthene	15.151	252	711519	46.688	ng	98
90) Benzo(a)pyrene	15.498	252	700899	45.699	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	616586	36.834	ng	98
92) Benzo(g,h,i)perylene	17.533	276	554788	33.135	ng	98

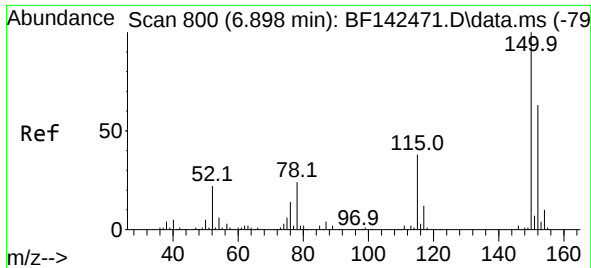
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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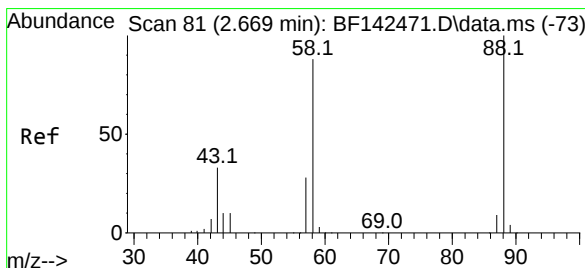
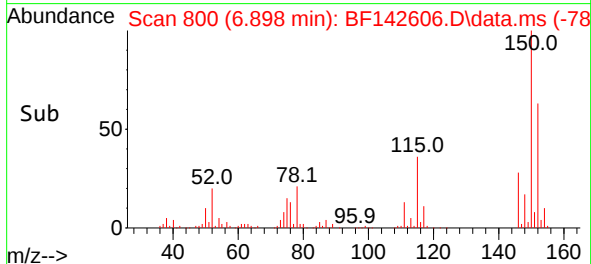
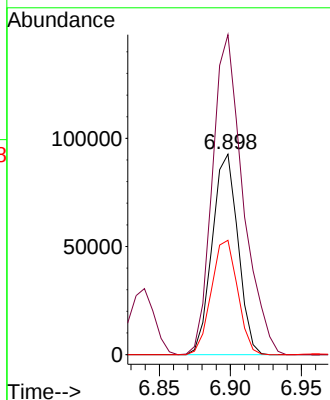
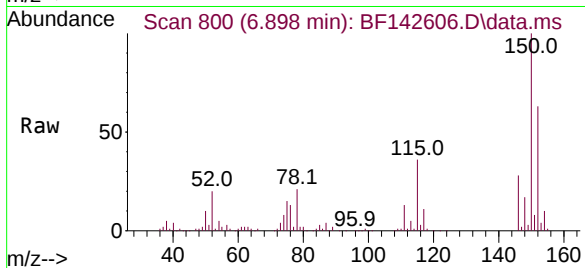




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142606.D
 Acq: 04 Jun 2025 14:38

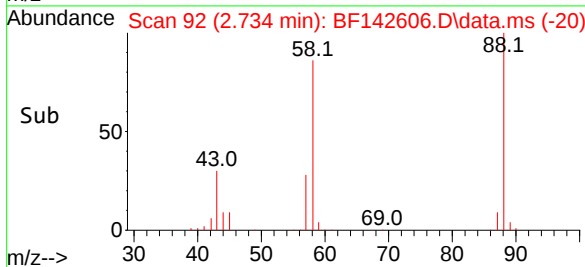
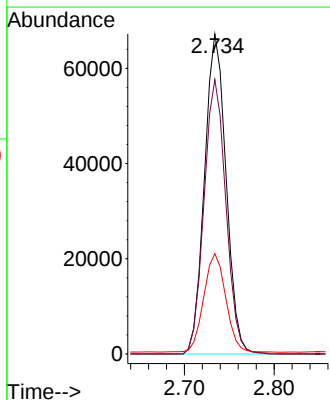
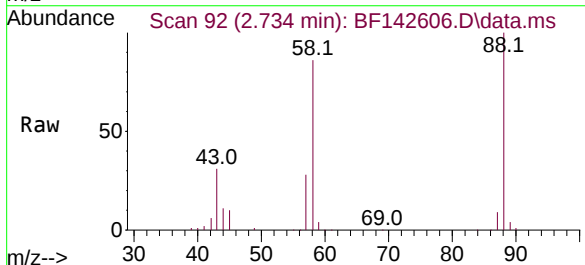
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 ClientSampleId :
 TP05-MHO-WCMSD

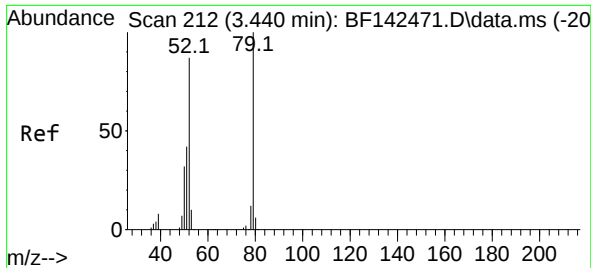
Tgt Ion:152 Resp: 117119
 Ion Ratio Lower Upper
 152 100
 150 159.6 128.2 192.4
 115 57.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 40.336 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.071 min
 Lab File: BF142606.D
 Acq: 04 Jun 2025 14:38

Tgt Ion: 88 Resp: 112206
 Ion Ratio Lower Upper
 88 100
 58 86.8 70.8 106.2
 43 31.5 26.6 40.0





#3

Pyridine

Concen: 41.640 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

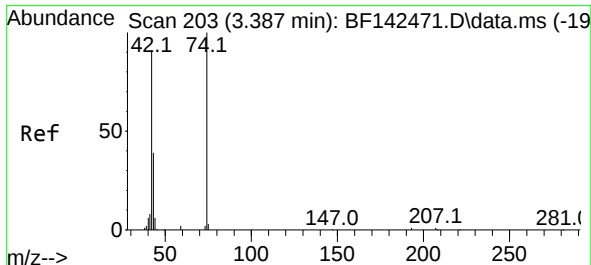
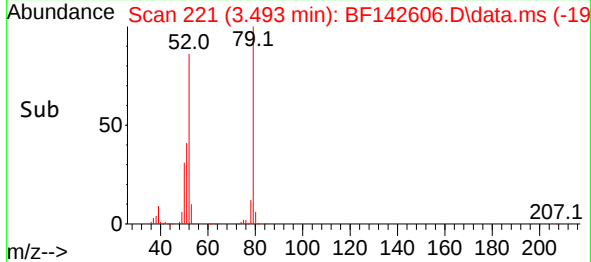
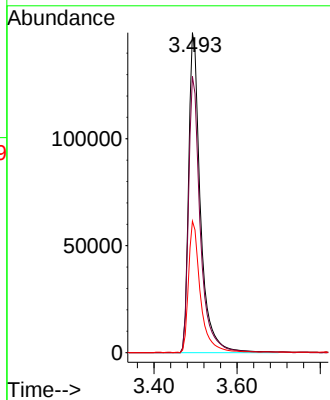
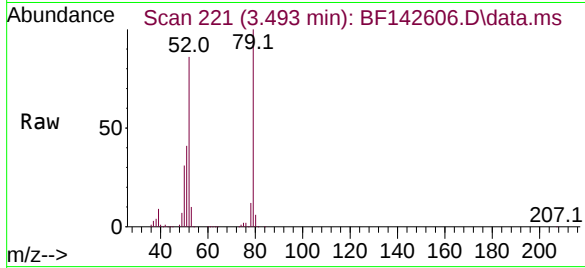
Tgt Ion: 79 Resp: 294977

Ion Ratio Lower Upper

79 100

52 86.3 69.2 103.8

51 41.1 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 42.921 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.041 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

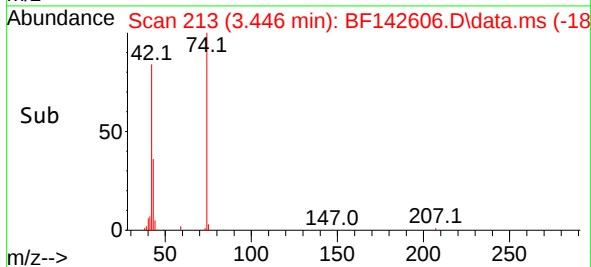
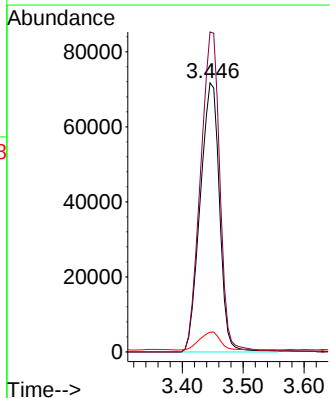
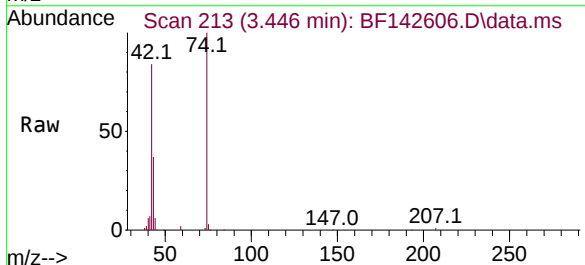
Tgt Ion: 42 Resp: 157867

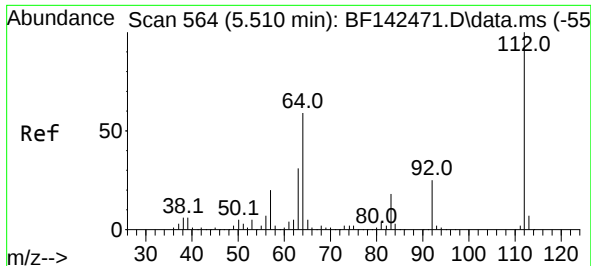
Ion Ratio Lower Upper

42 100

74 118.9 88.2 132.4

44 7.4 5.4 8.2

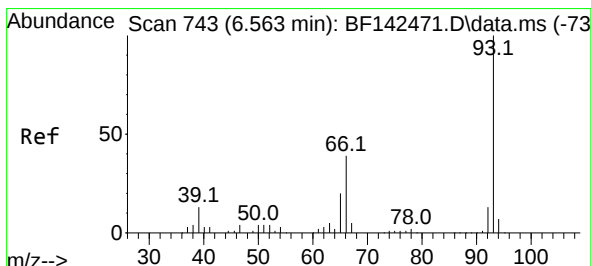
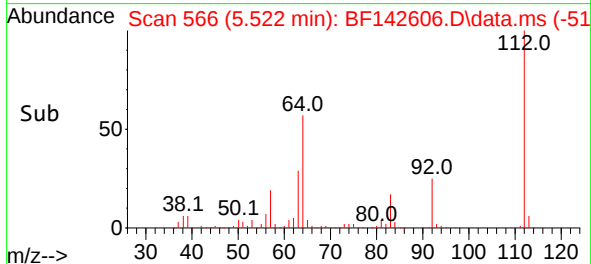
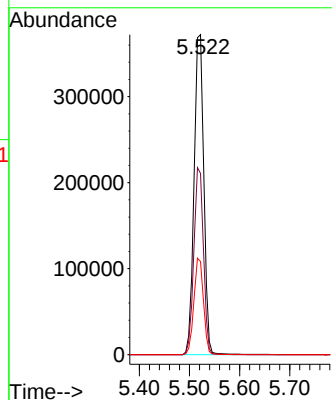
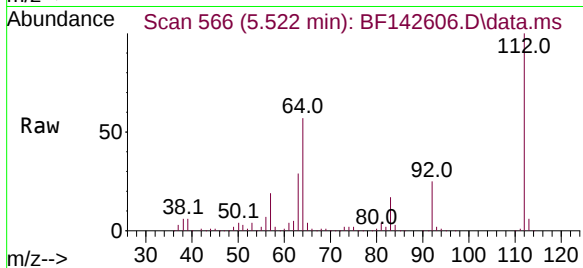




#5
2-Fluorophenol
Concen: 72.361 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142606.D
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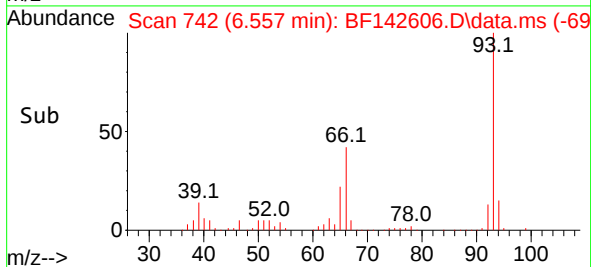
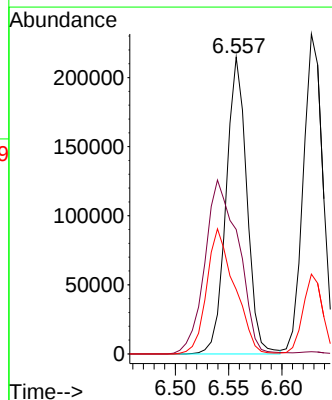
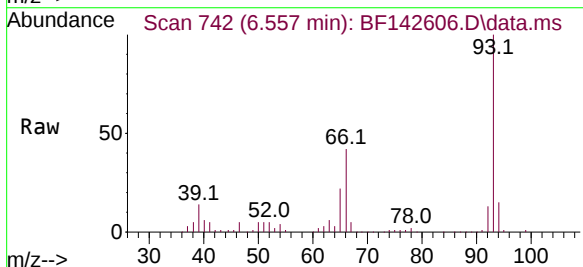
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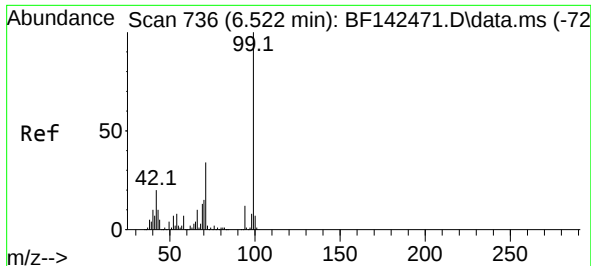
Tgt Ion:112 Resp: 503033
Ion Ratio Lower Upper
112 100
64 56.6 47.5 71.3
63 29.1 24.9 37.3



#6
Aniline
Concen: 25.783 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 93 Resp: 290103
Ion Ratio Lower Upper
93 100
66 41.9 32.0 48.0
65 21.7 16.1 24.1

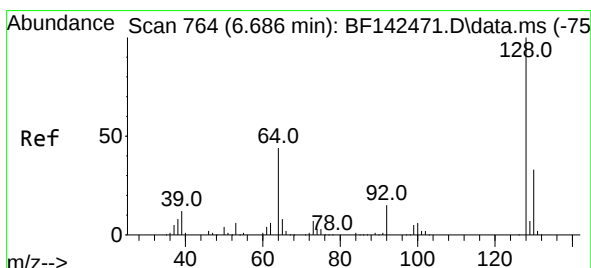
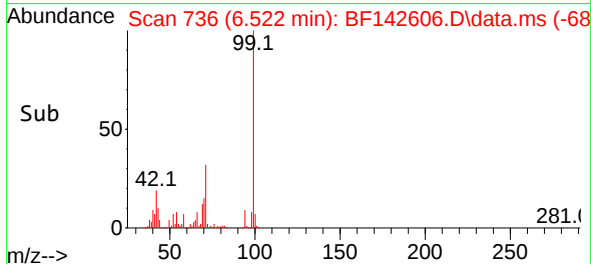
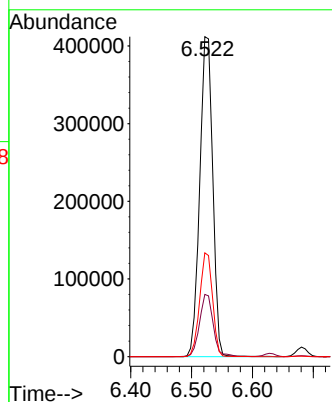
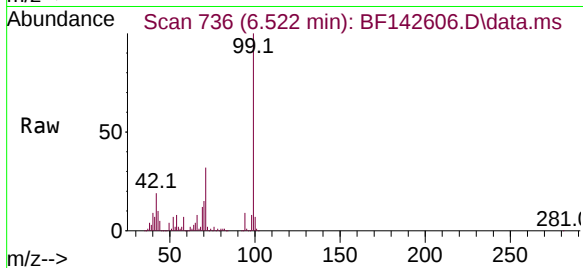




#7
Phenol-d6
Concen: 72.750 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

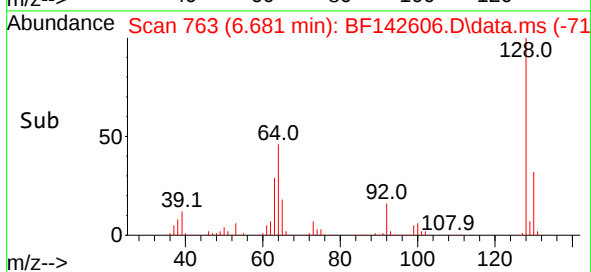
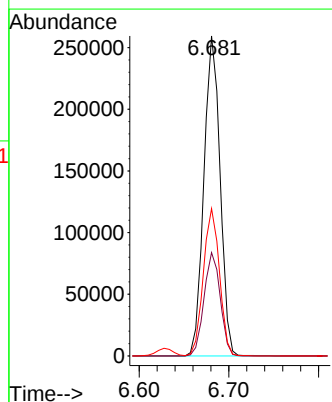
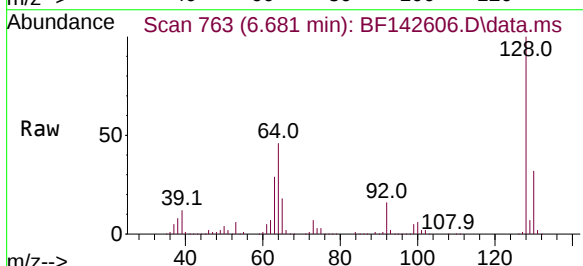
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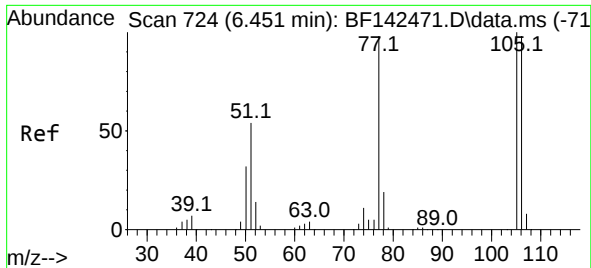
Tgt Ion: 99 Resp: 608782
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 32.4 27.3 40.9



#8
2-Chlorophenol
Concen: 42.961 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:128 Resp: 325299
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.0 25.1 65.1





#9

Benzaldehyde

Concen: 35.030 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142606.D

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Instrument :

BNA_F

ClientSampleId :

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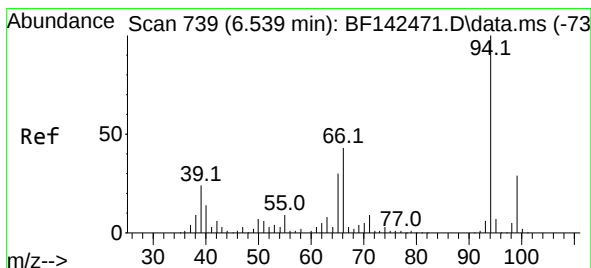
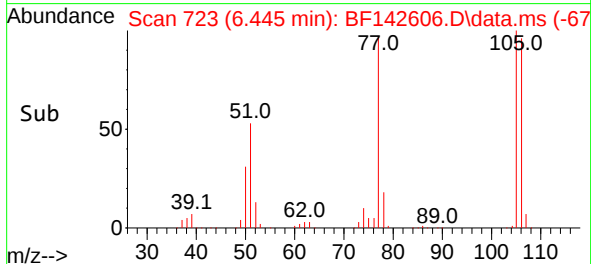
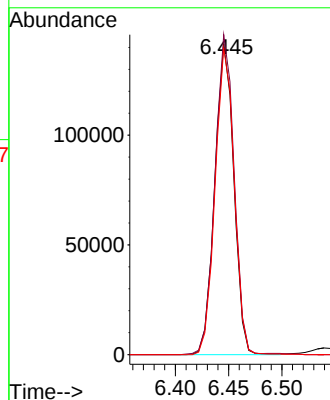
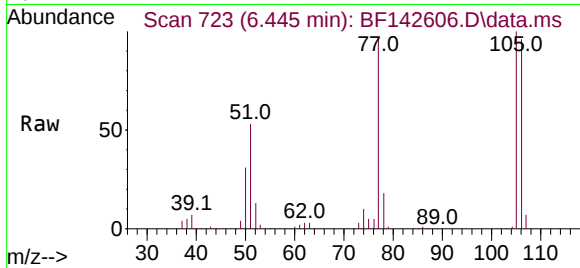
Tgt Ion: 77 Resp: 176311

Ion Ratio Lower Upper

77 100

105 102.9 82.5 122.5

106 98.6 80.0 120.0



#10

Phenol

Concen: 41.193 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

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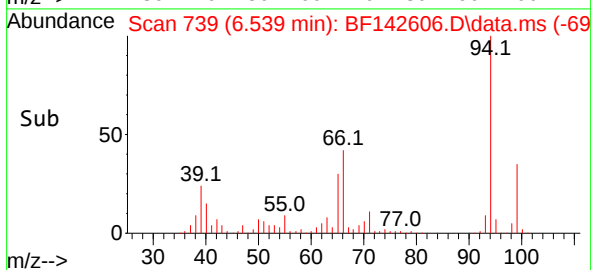
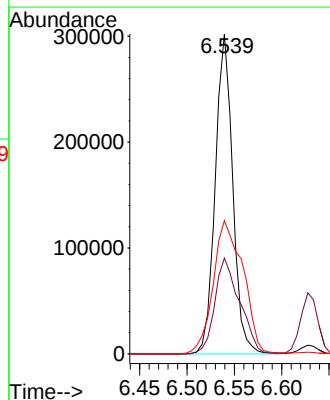
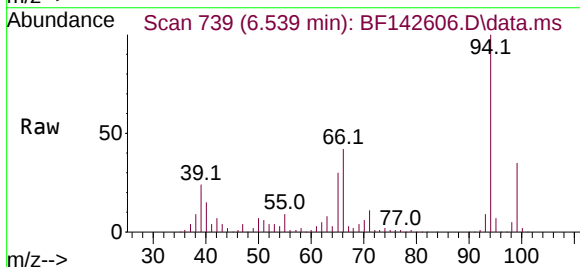
Tgt Ion: 94 Resp: 387871

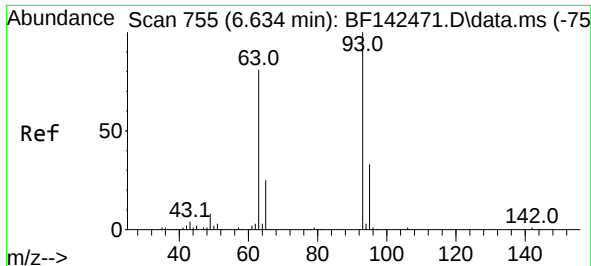
Ion Ratio Lower Upper

94 100

65 29.9 10.3 50.3

66 41.6 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.371 ng

RT: 6.628 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

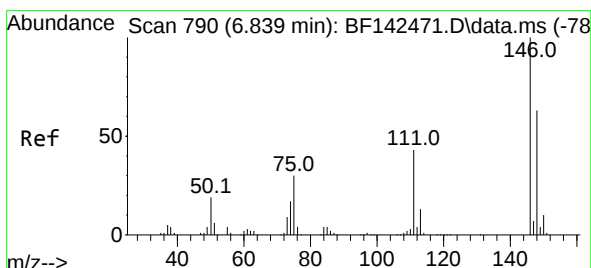
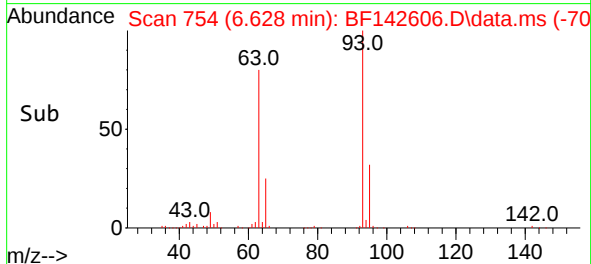
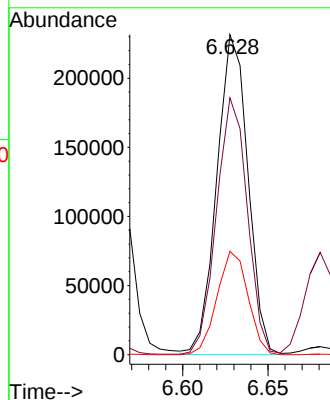
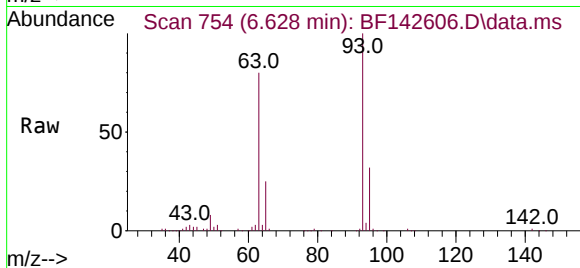
Tgt Ion: 93 Resp: 293970

Ion Ratio Lower Upper

93 100

63 80.2 60.2 100.2

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 42.014 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

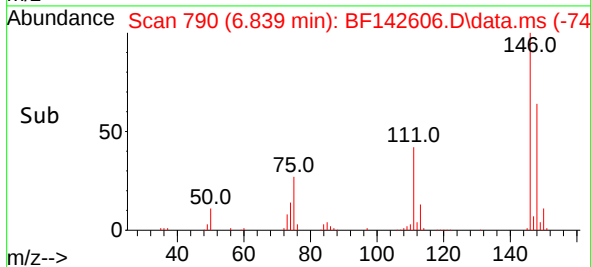
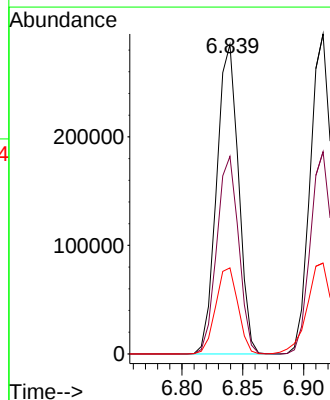
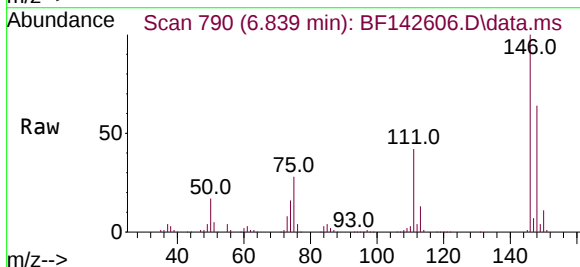
Tgt Ion: 146 Resp: 354983

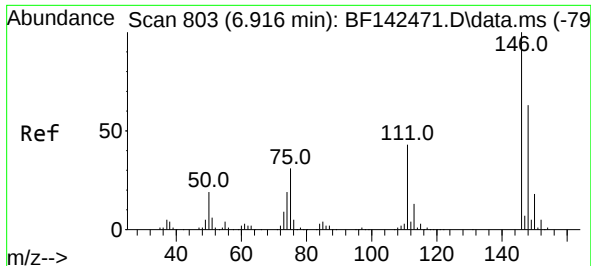
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

75 27.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 42.591 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

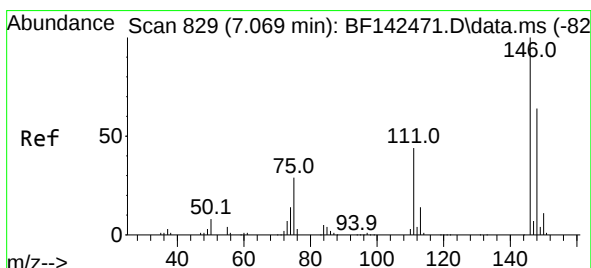
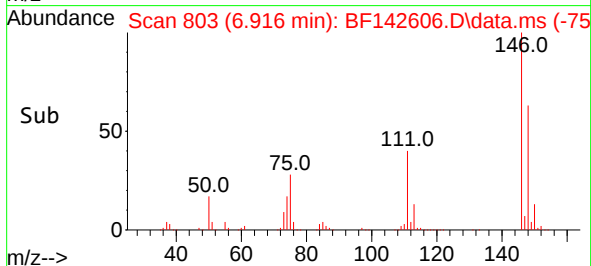
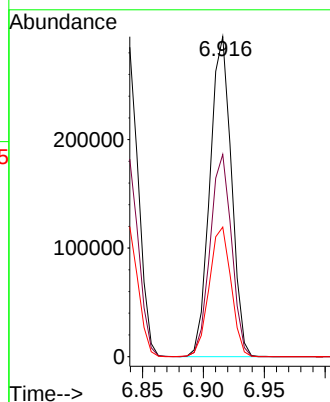
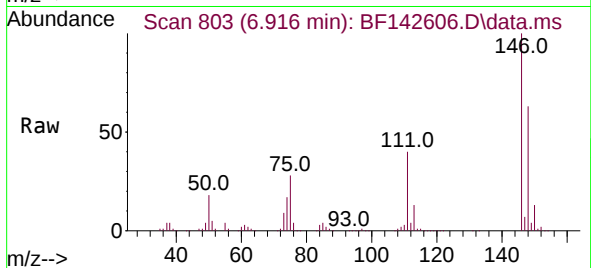
Tgt Ion:146 Resp: 362483

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 40.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 42.876 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

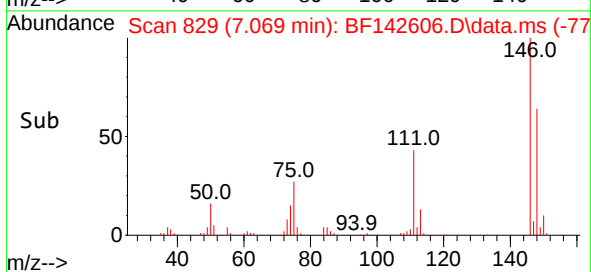
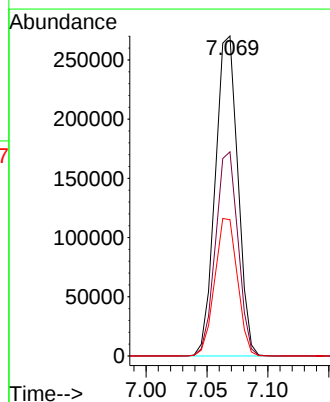
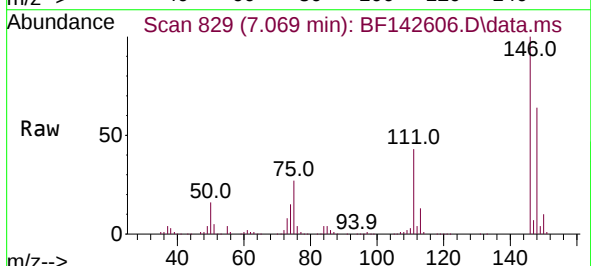
Tgt Ion:146 Resp: 349177

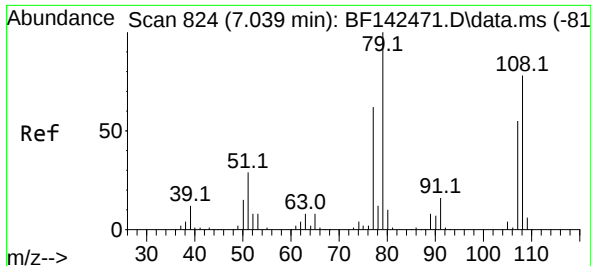
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

111 42.6 35.0 52.6

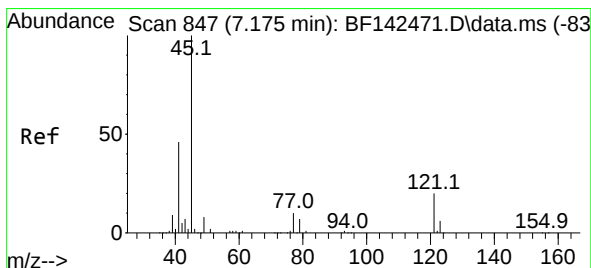
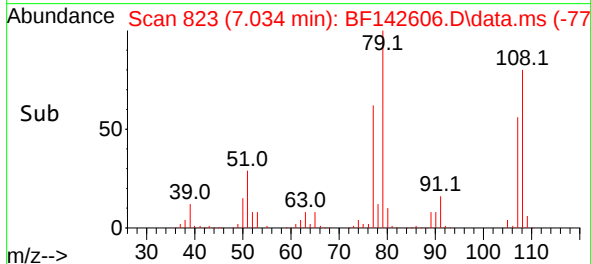
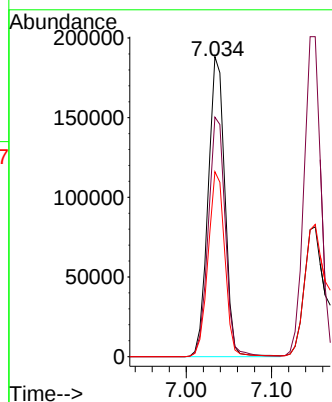
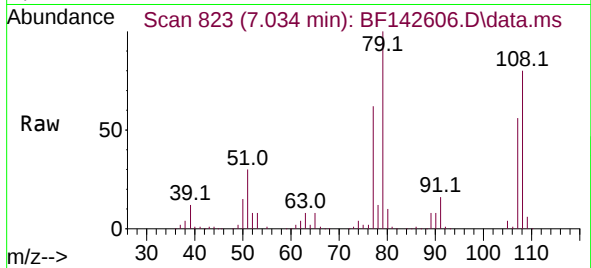




#15
Benzyl Alcohol
Concen: 41.390 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

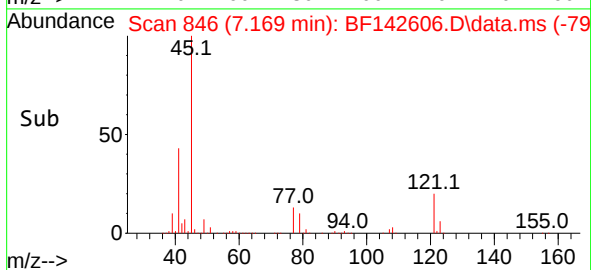
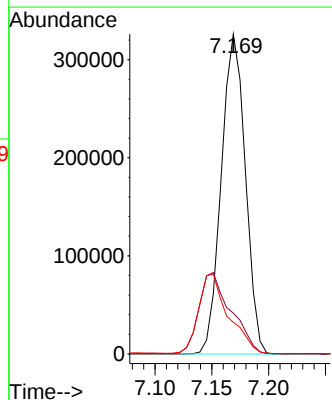
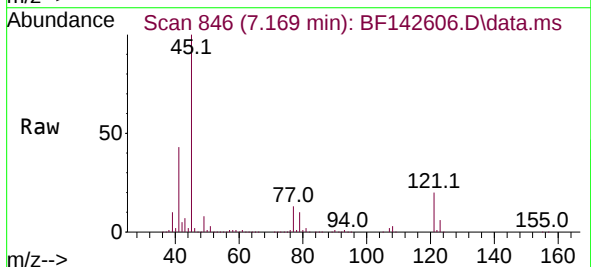
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

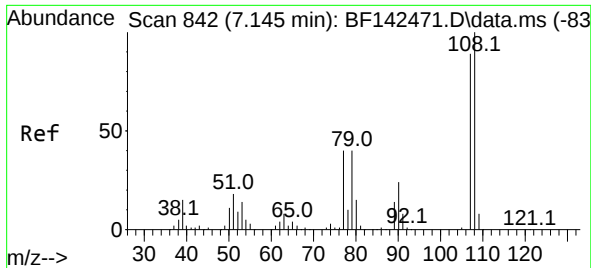
Tgt Ion: 79 Resp: 255956
Ion Ratio Lower Upper
79 100
108 79.8 62.1 93.1
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.114 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 45 Resp: 479366
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.0
79 9.9 0.0 29.2

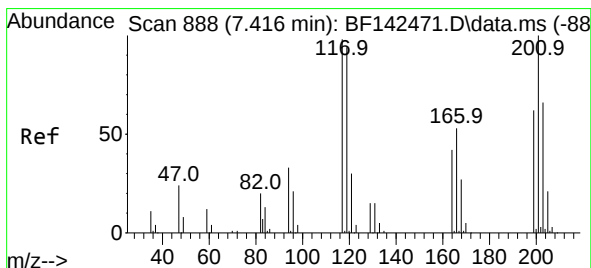
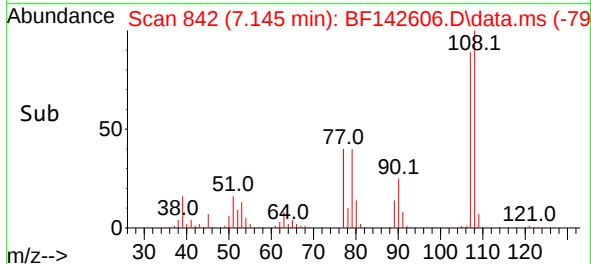
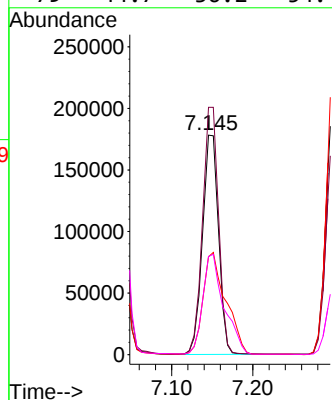
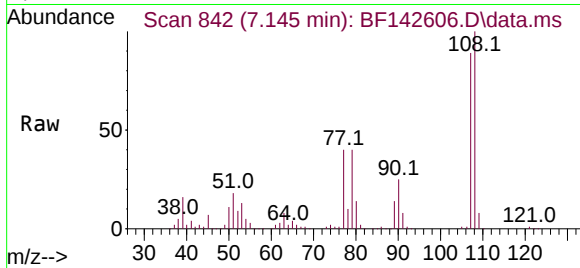




#17
2-Methylphenol
Concen: 41.402 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

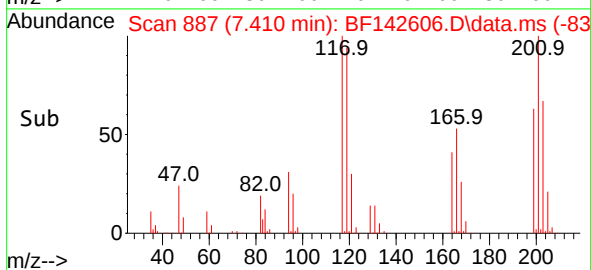
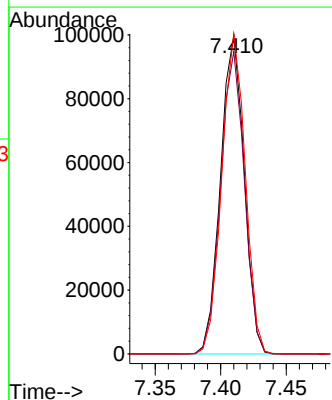
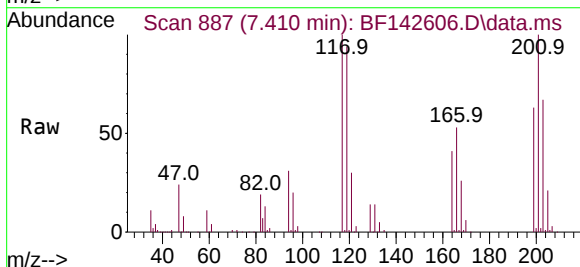
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

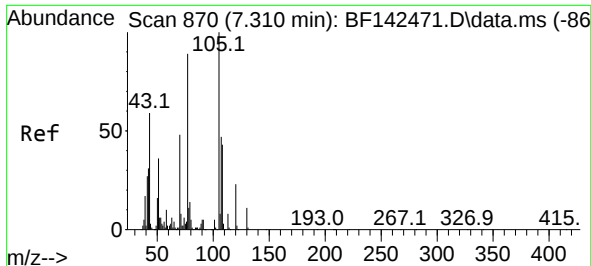
Tgt Ion:	107	Resp:	244760
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	44.6	36.1	54.1
79	44.7	36.2	54.4



#18
Hexachloroethane
Concen: 42.303 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:	117	Resp:	125719
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	100.4	81.3	121.9



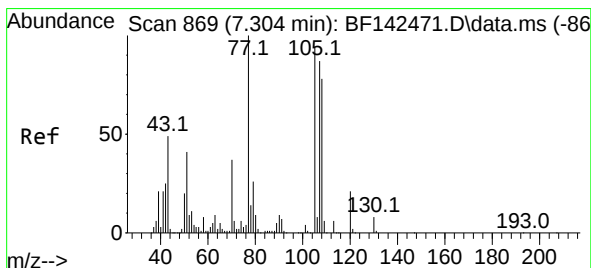
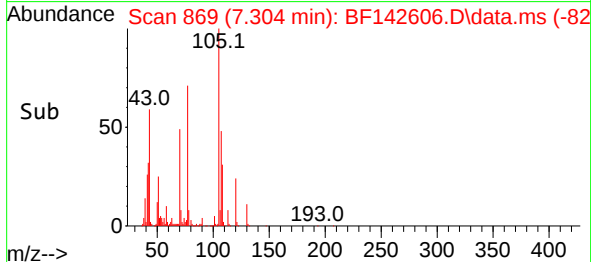
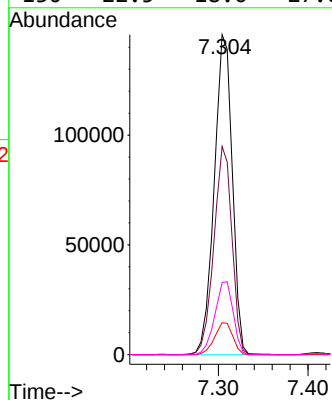
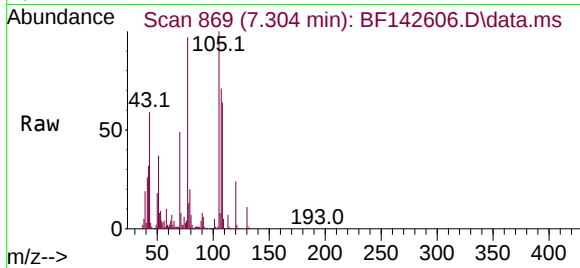


#19
n-Nitroso-di-n-propylamine
Concen: 39.528 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion: 70 Resp: 205003

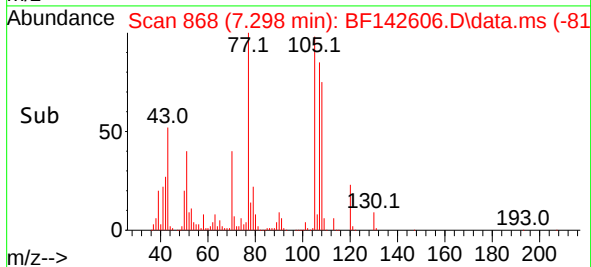
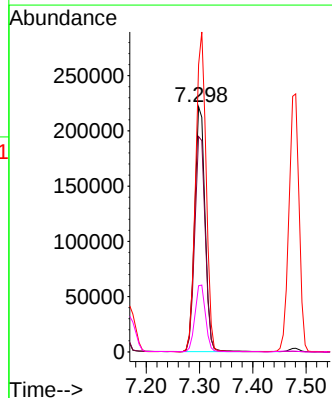
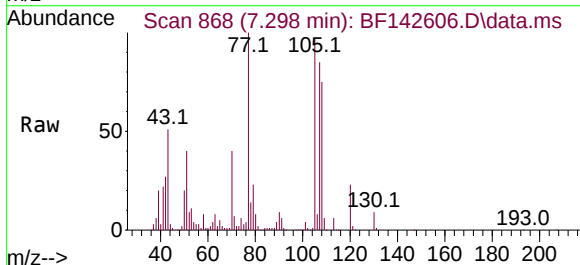
Ion	Ratio	Lower	Upper
70	100		
42	65.0	52.4	78.6
101	10.0	7.8	11.8
130	22.5	18.0	27.0

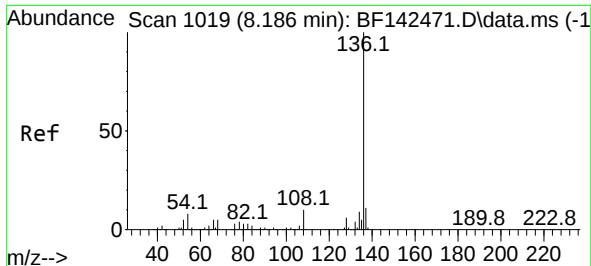


#20
3+4-Methylphenols
Concen: 39.853 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion: 107 Resp: 301702

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.4	110.4
77	117.3	95.4	135.4
79	27.0	9.9	49.9

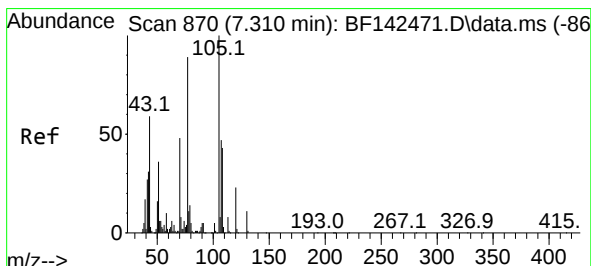
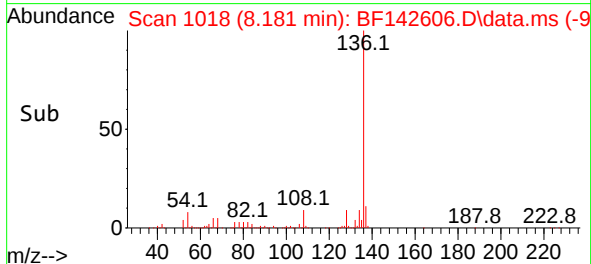
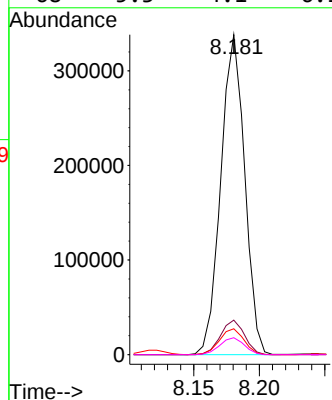
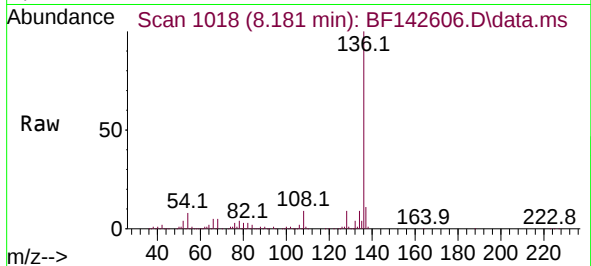




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

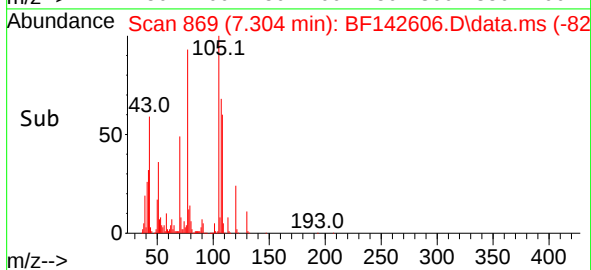
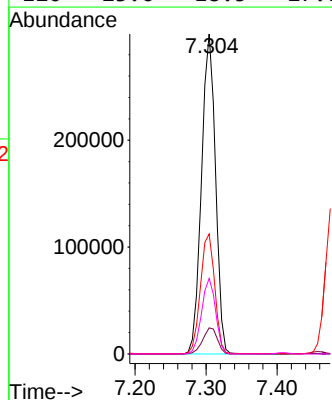
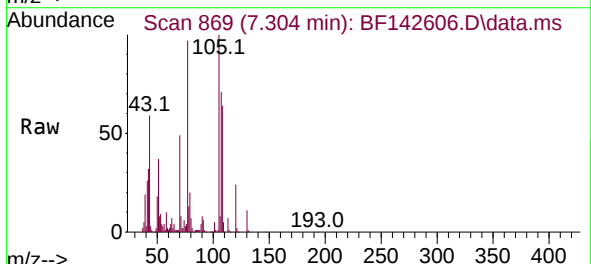
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

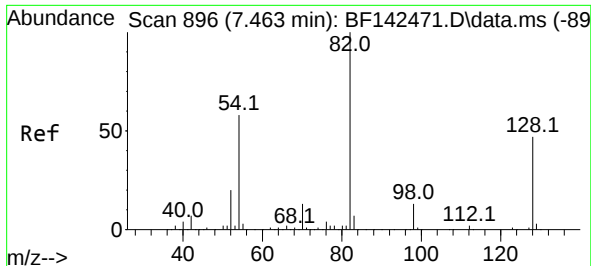
Tgt Ion:136 Resp: 429653
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 42.866 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:105 Resp: 407703
Ion Ratio Lower Upper
105 100
71 8.2 6.4 9.6
51 37.5 28.6 42.8
120 23.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 45.760 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

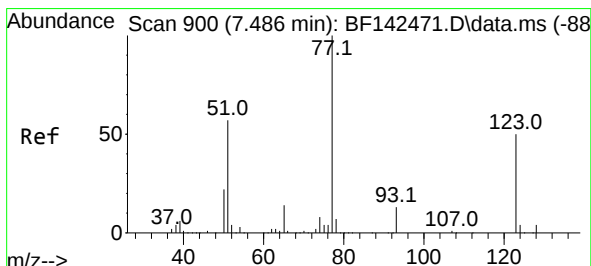
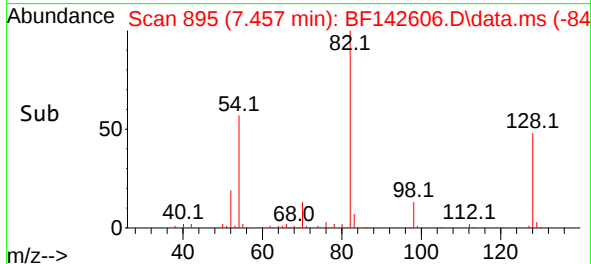
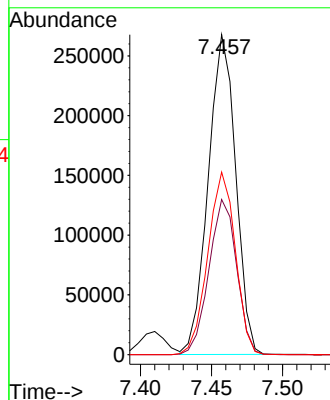
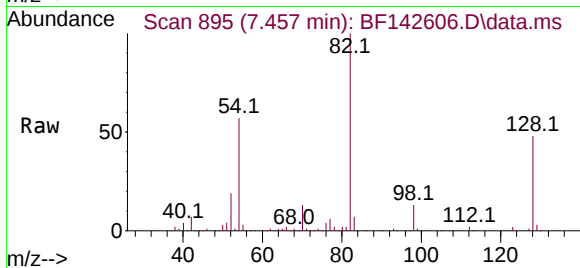
Tgt Ion: 82 Resp: 360559

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 57.0 46.6 70.0



#24

Nitrobenzene

Concen: 43.612 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

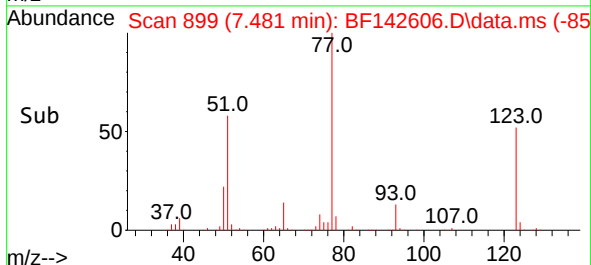
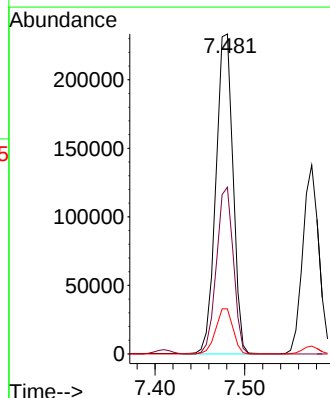
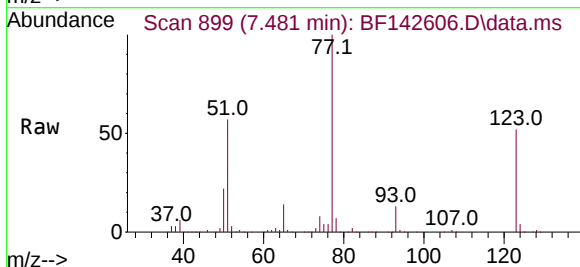
Tgt Ion: 77 Resp: 309931

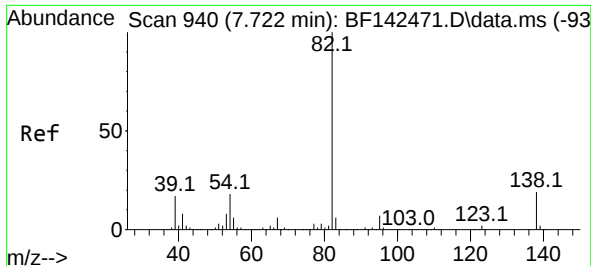
Ion Ratio Lower Upper

77 100

123 52.1 40.6 61.0

65 14.1 11.4 17.2

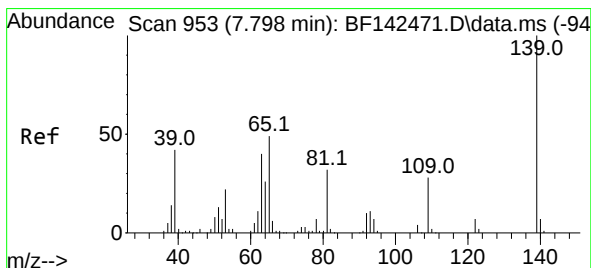
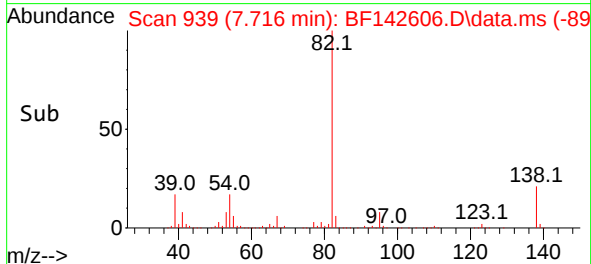
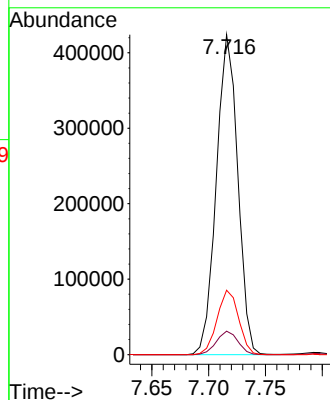
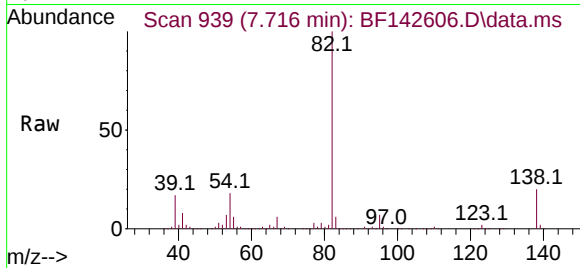




#25
Isophorone
Concen: 42.124 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

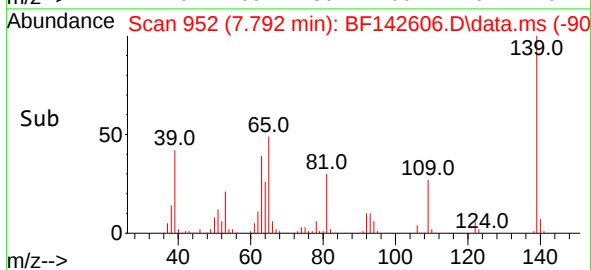
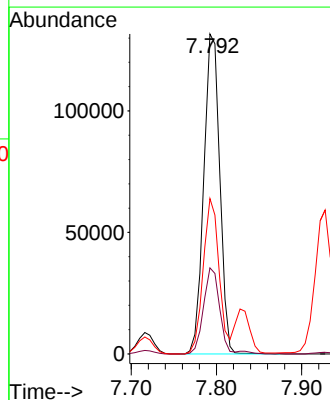
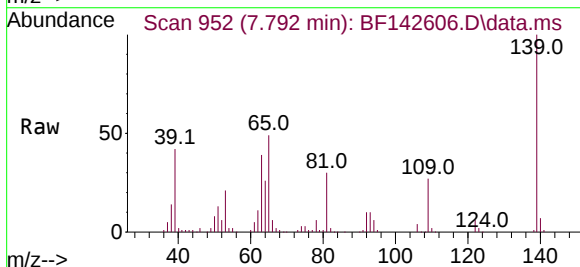
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

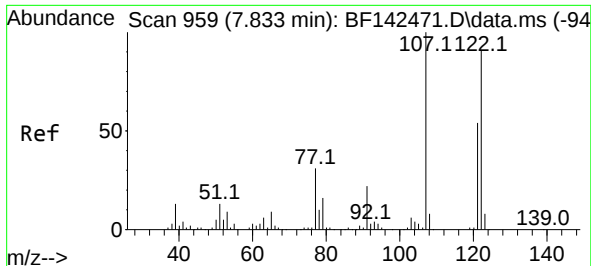
Tgt Ion: 82 Resp: 554934
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.1 15.5 23.3



#26
2-Nitrophenol
Concen: 45.196 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:139 Resp: 171622
Ion Ratio Lower Upper
139 100
109 26.9 22.6 33.8
65 48.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 40.566 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142606.D

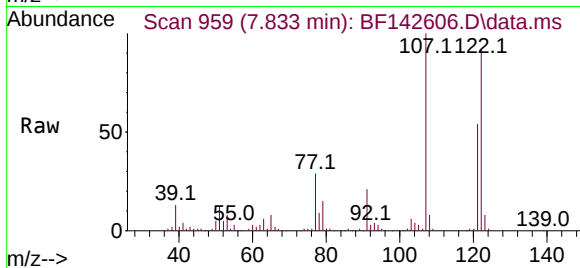
Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD



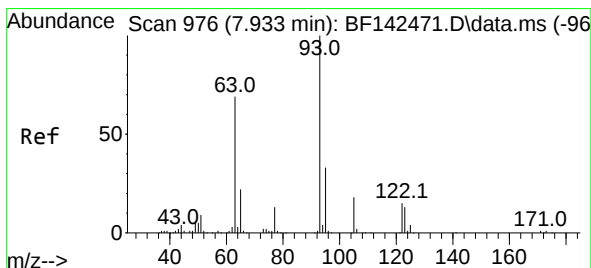
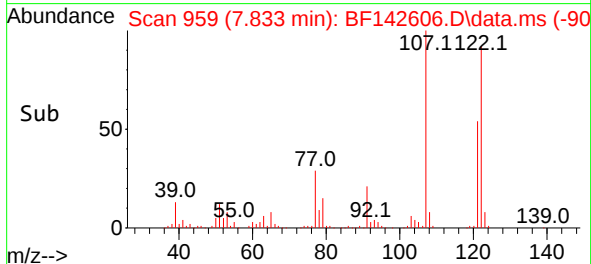
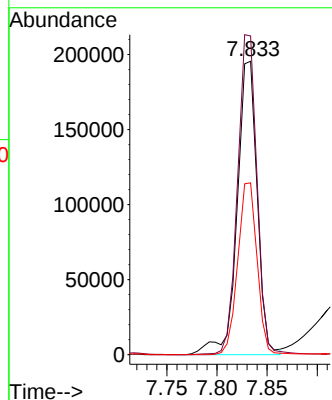
Tgt Ion:122 Resp: 271650

Ion Ratio Lower Upper

122 100

107 108.6 88.1 132.1

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.235 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

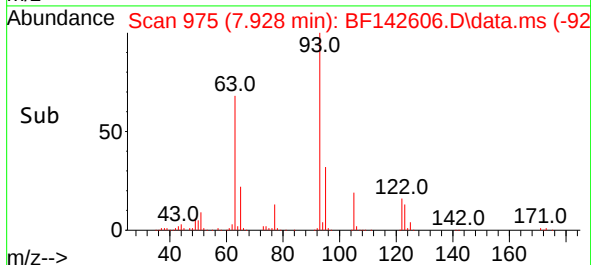
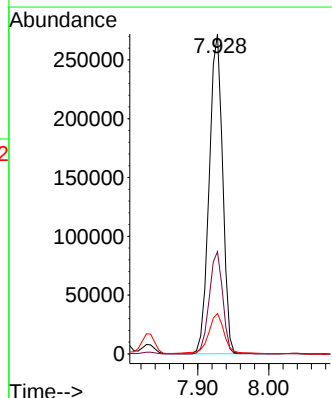
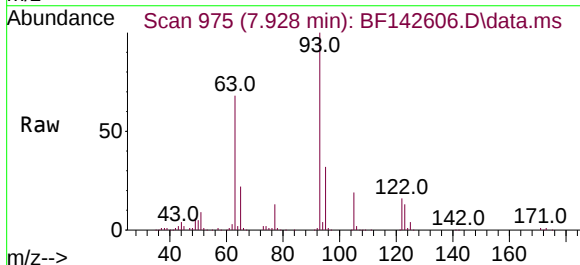
Tgt Ion: 93 Resp: 355801

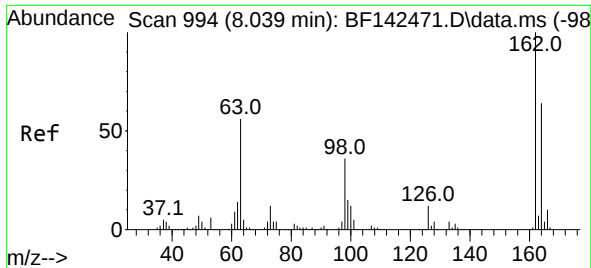
Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.555 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142606.D

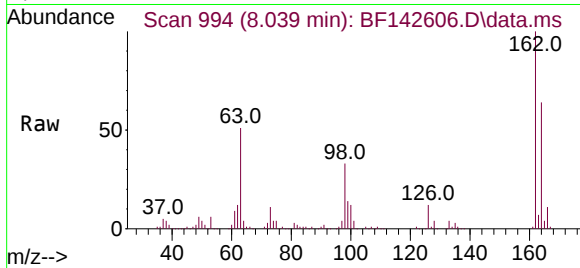
Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD



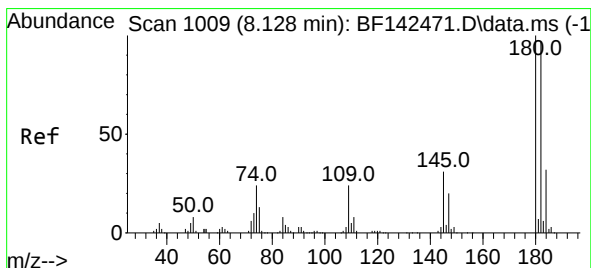
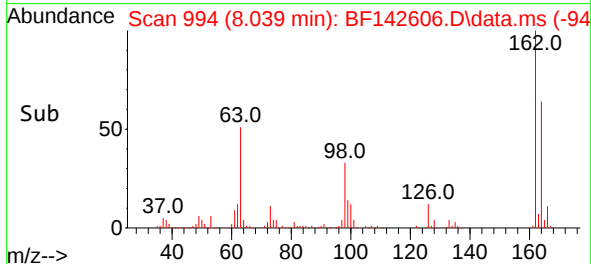
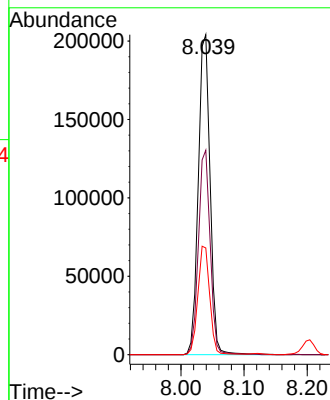
Tgt Ion:162 Resp: 265245

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 33.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 43.796 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

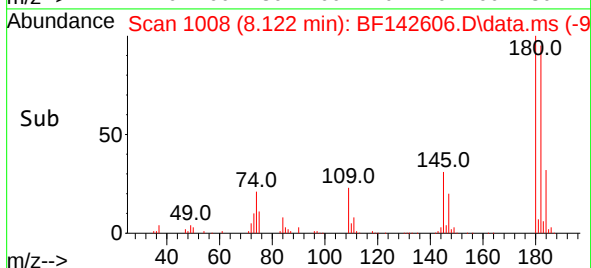
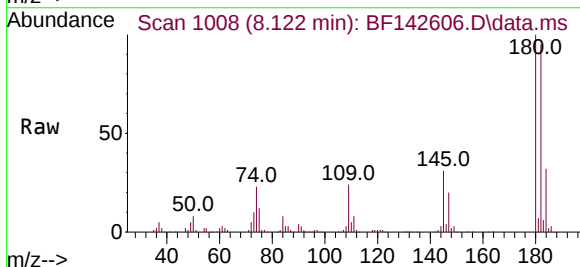
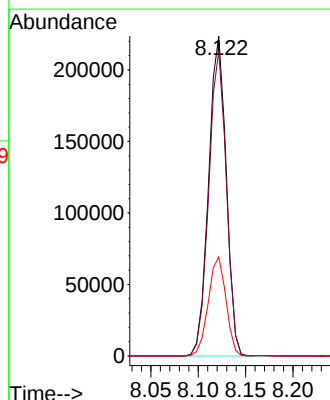
Tgt Ion:180 Resp: 289455

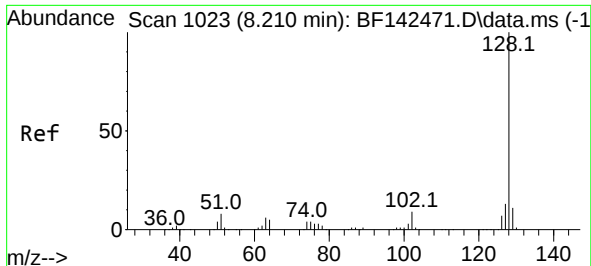
Ion Ratio Lower Upper

180 100

182 95.2 78.0 117.0

145 30.9 25.0 37.6

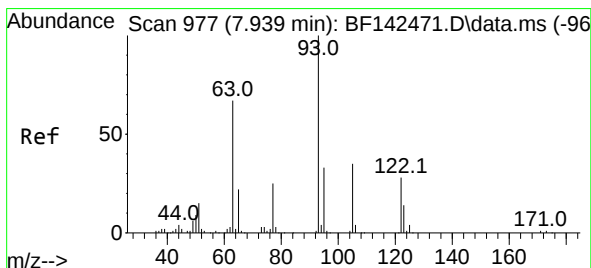
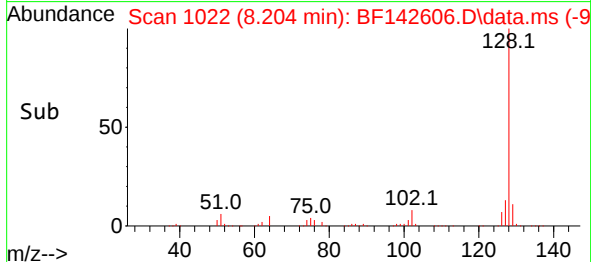
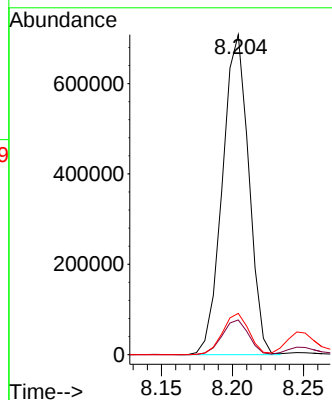
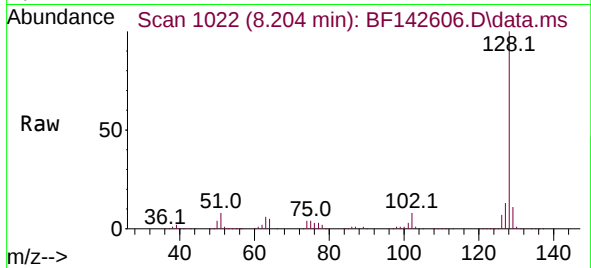




#31
Naphthalene
Concen: 43.183 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

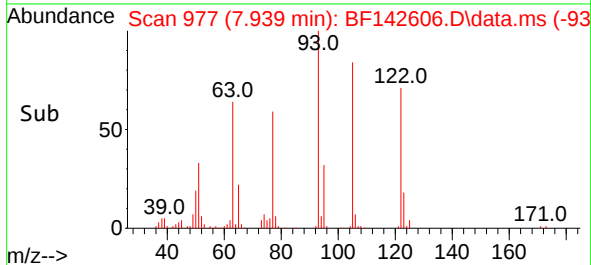
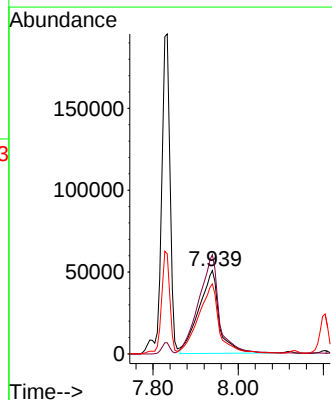
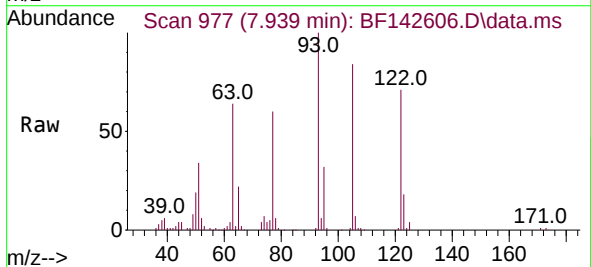
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

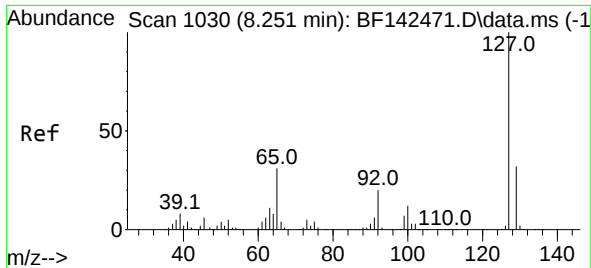
Tgt Ion:128 Resp: 913570
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 41.288 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:122 Resp: 168301
Ion Ratio Lower Upper
122 100
105 119.0 101.7 141.7
77 84.0 69.5 109.5

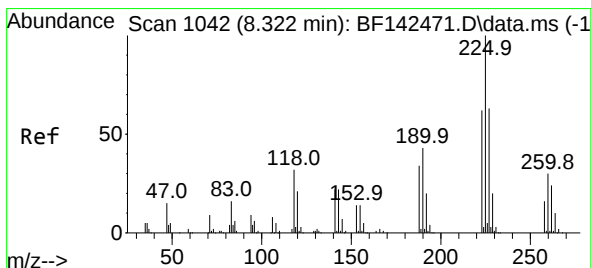
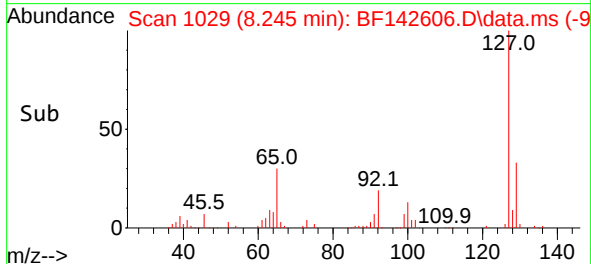
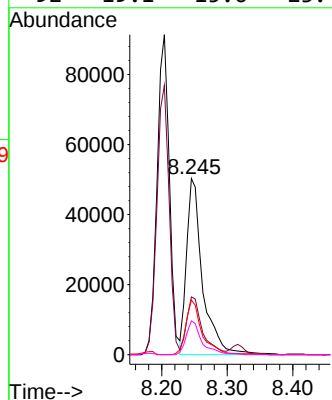
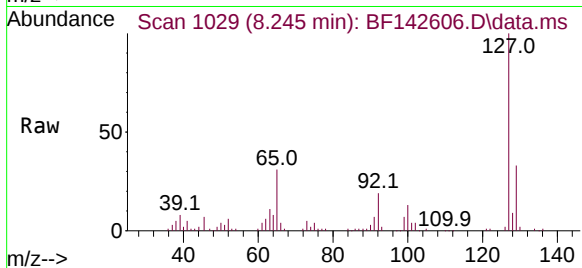




#33
4-Chloroaniline
Concen: 10.025 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

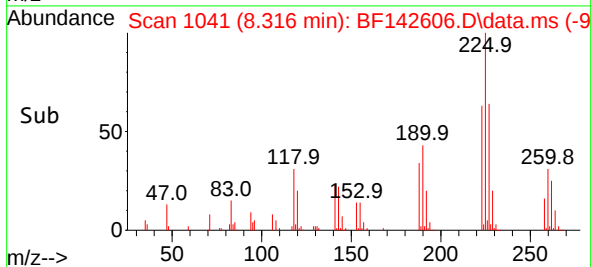
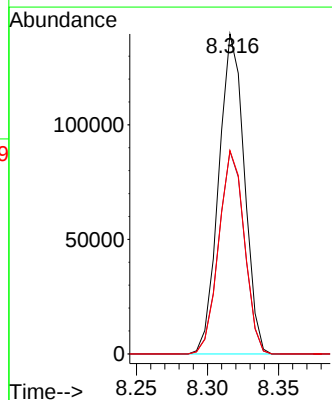
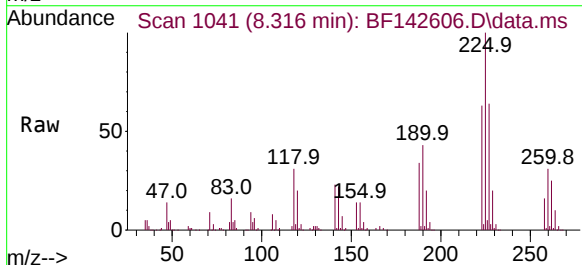
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

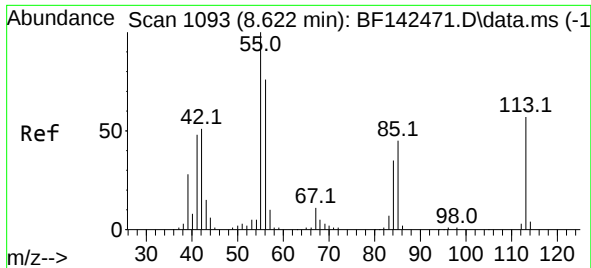
Tgt Ion:127	Resp:	85937
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.1 39.1
65	31.0	24.9 37.3
92	19.1	15.6 23.4



#34
Hexachlorobutadiene
Concen: 42.476 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:225	Resp:	175291
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.7 74.5
227	63.5	50.3 75.5

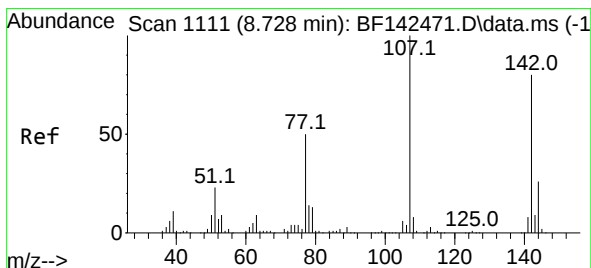
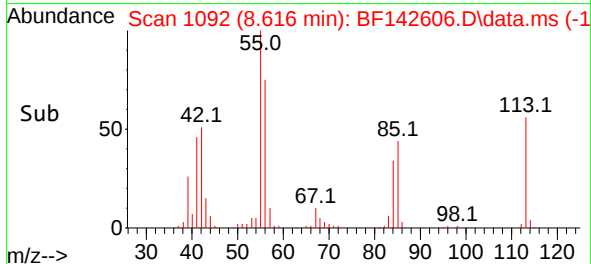
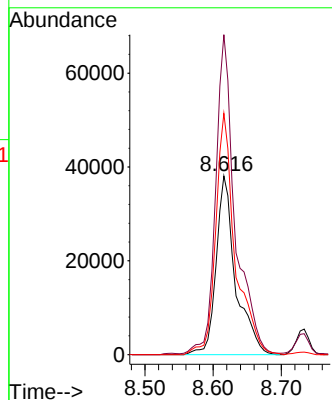
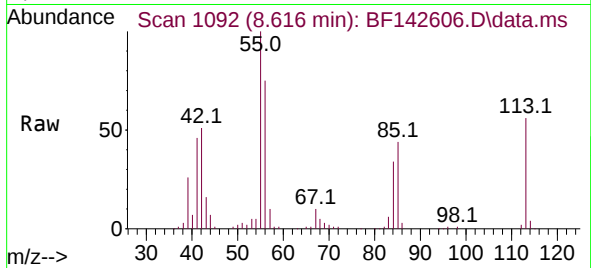




#35
Caprolactam
Concen: 43.999 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

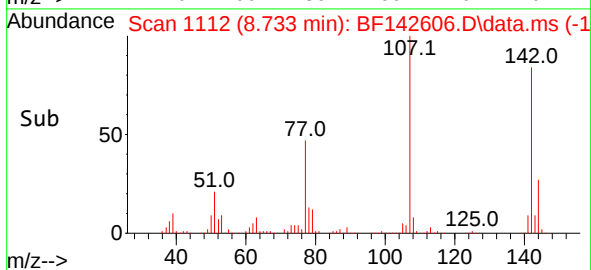
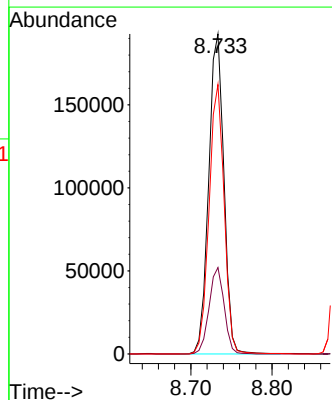
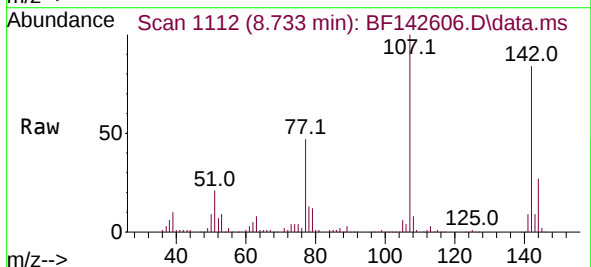
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

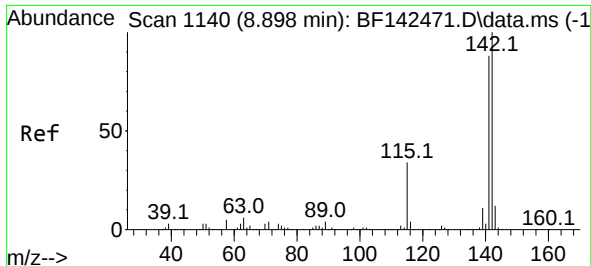
Tgt Ion:113 Resp: 75256
Ion Ratio Lower Upper
113 100
55 179.1 154.7 194.7
56 135.0 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 40.292 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:107 Resp: 251467
Ion Ratio Lower Upper
107 100
144 27.0 20.9 31.3
142 84.2 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.736 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

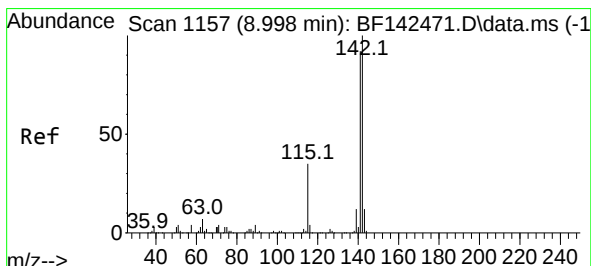
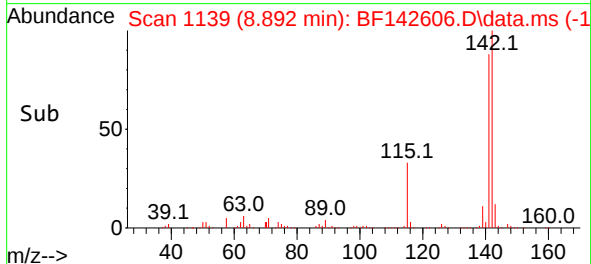
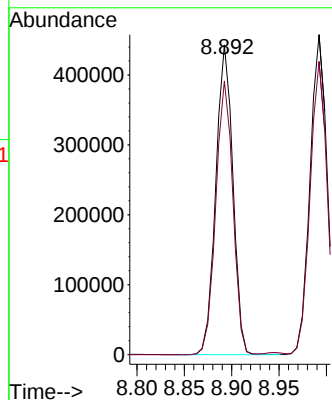
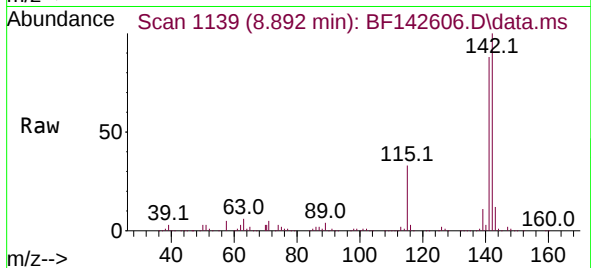
TP05-MHO-WCMSD

Tgt Ion:142 Resp: 555494

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.286 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142606.D

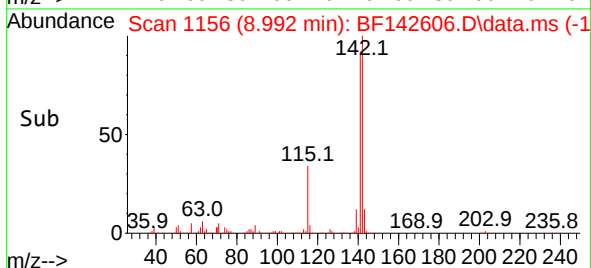
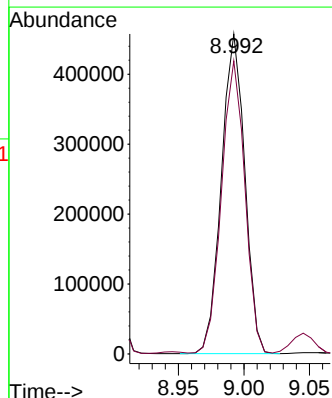
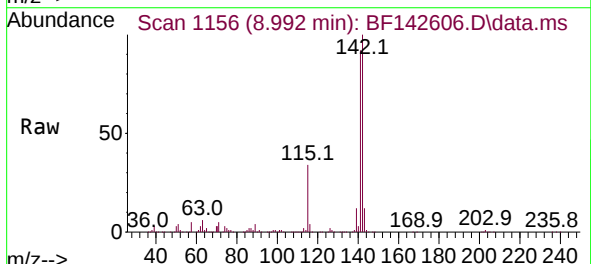
Acq: 04 Jun 2025 14:38

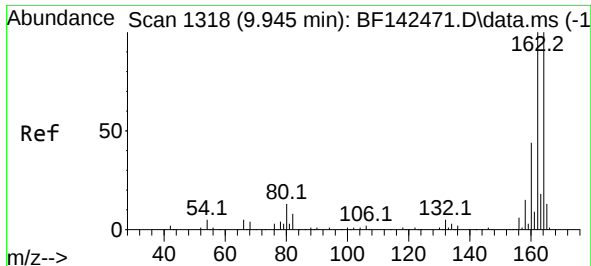
Tgt Ion:142 Resp: 568389

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

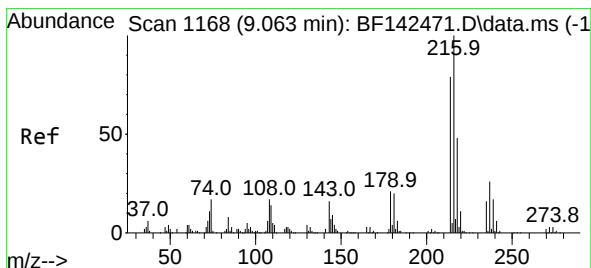
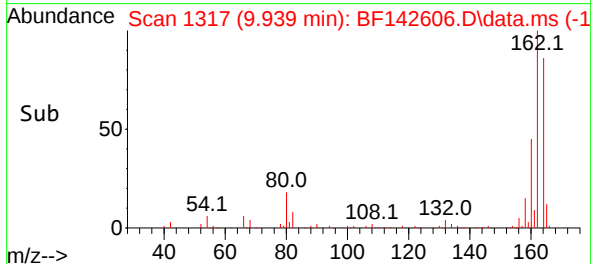
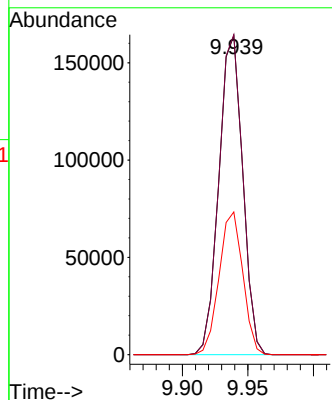
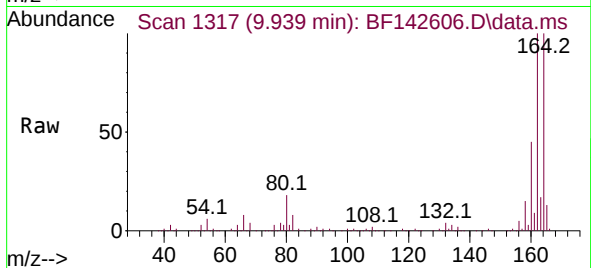
Tgt Ion:164 Resp: 207287

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.326 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Tgt Ion:216 Resp: 281606

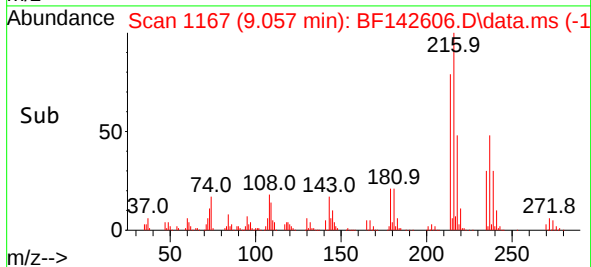
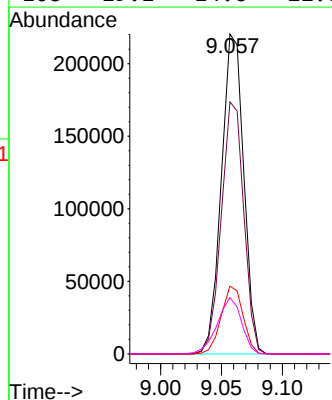
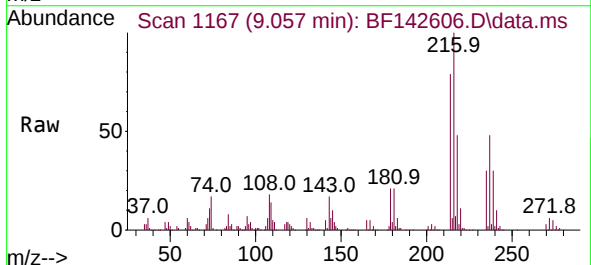
Ion Ratio Lower Upper

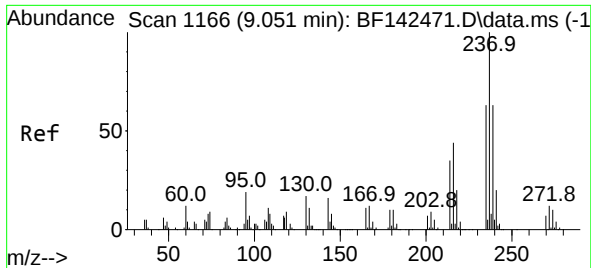
216 100

214 78.8 62.9 94.3

179 20.7 16.9 25.3

108 19.1 14.6 22.0

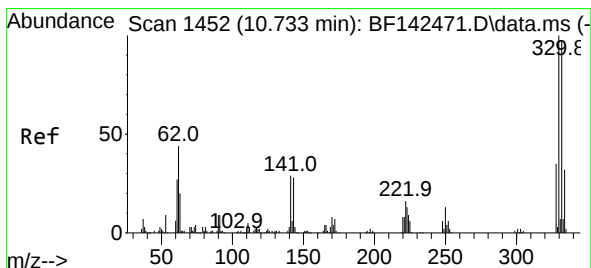
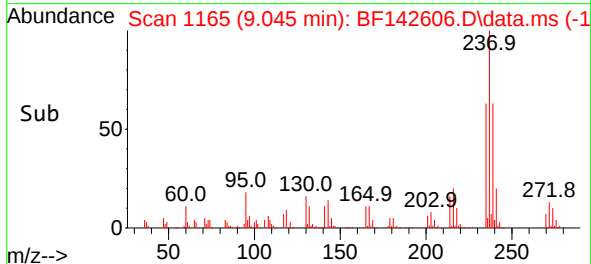
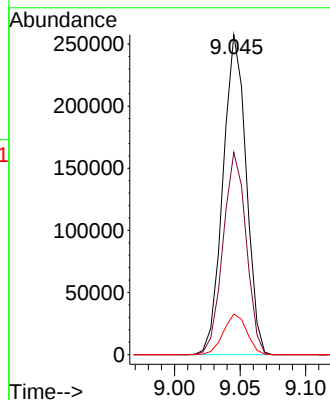
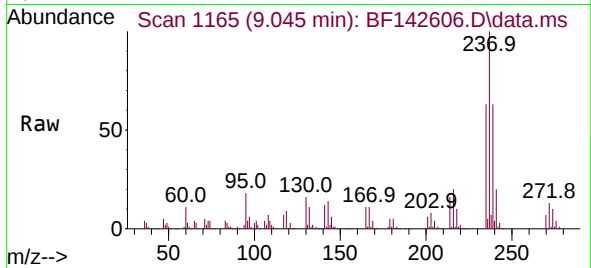




#41
Hexachlorocyclopentadiene
Concen: 79.016 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

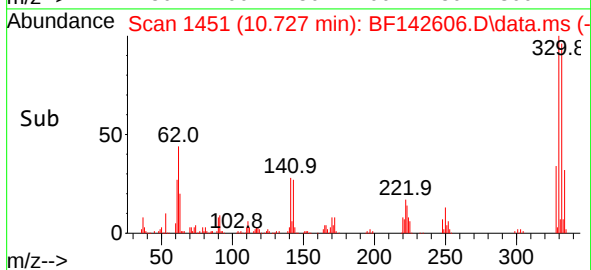
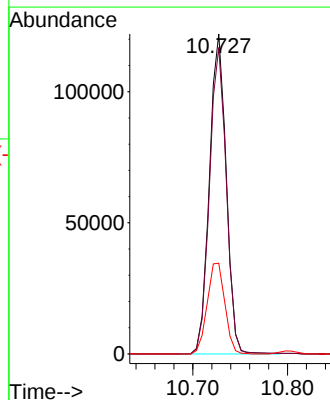
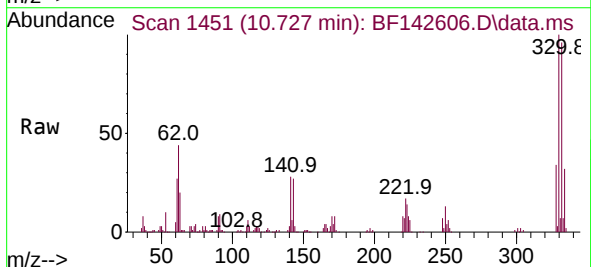
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

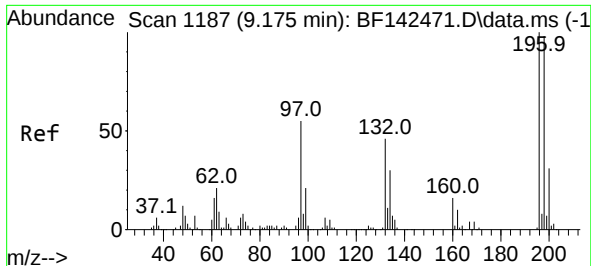
Tgt Ion:237 Resp: 317173
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 65.320 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

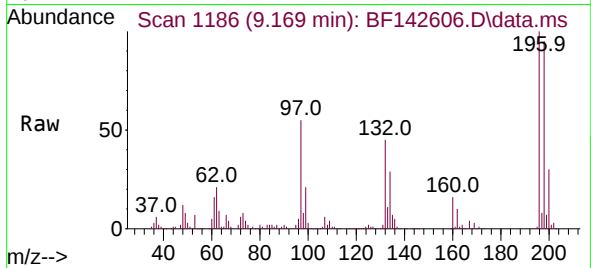
Tgt Ion:330 Resp: 150277
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 29.9 24.6 36.8



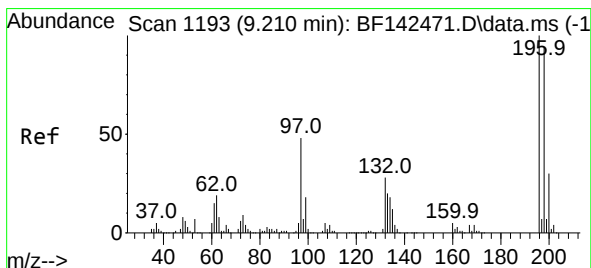
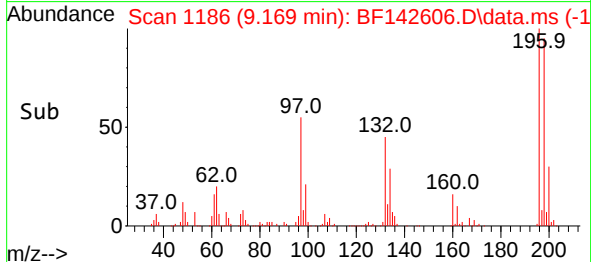
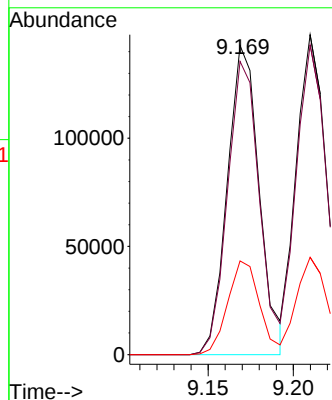


#43
2,4,6-Trichlorophenol
Concen: 46.311 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

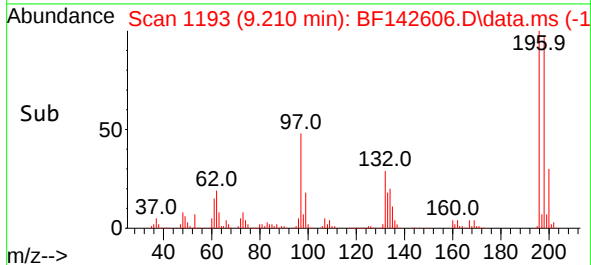
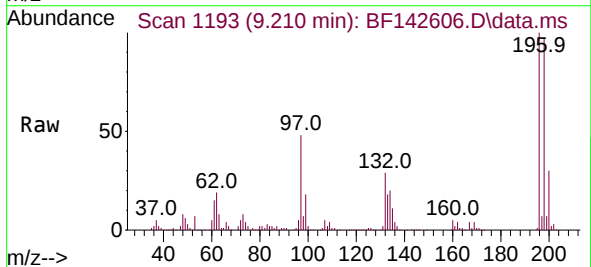
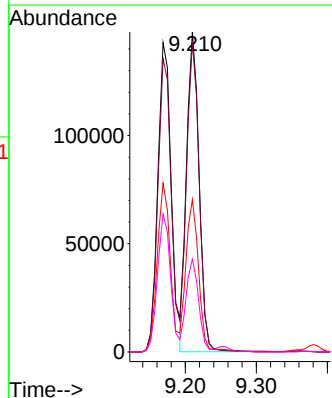


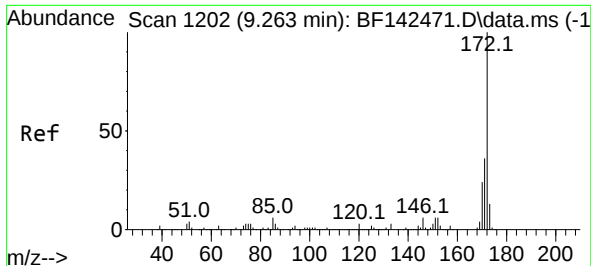
Tgt Ion:196 Resp: 185819
Ion Ratio Lower Upper
196 100
198 94.8 78.8 118.2
200 30.3 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.106 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:196 Resp: 182412
Ion Ratio Lower Upper
196 100
198 96.8 75.5 113.3
97 47.6 39.3 58.9
132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 45.136 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

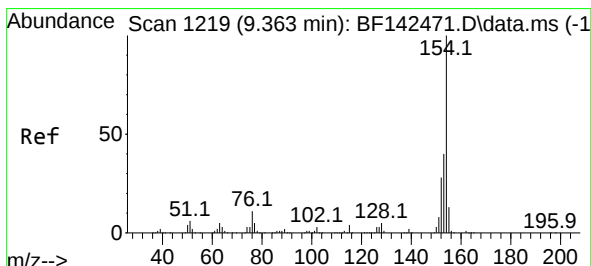
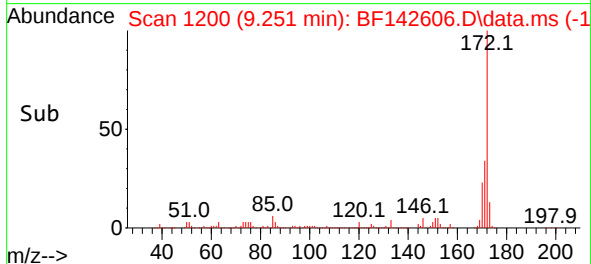
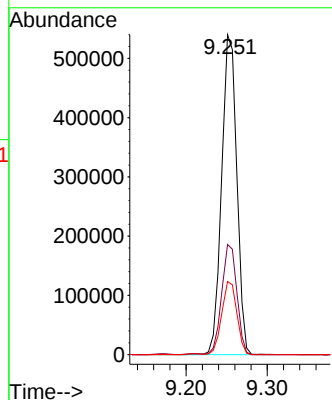
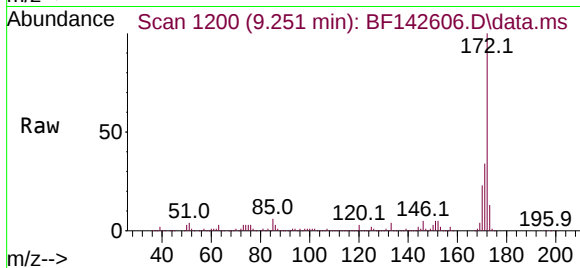
Tgt Ion:172 Resp: 697253

Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 22.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.086 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

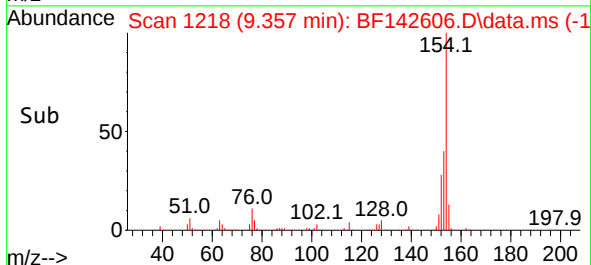
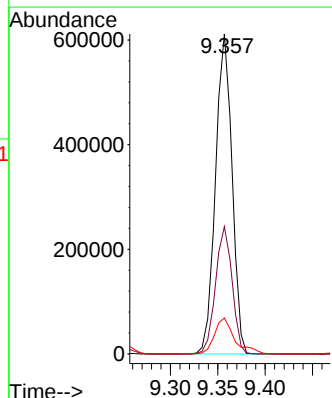
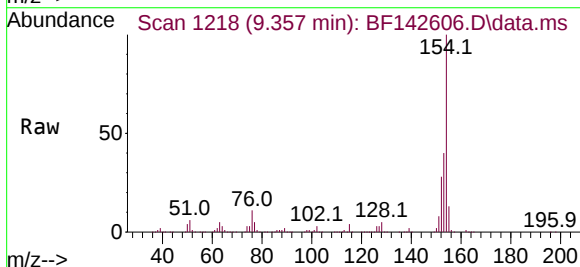
Tgt Ion:154 Resp: 741150

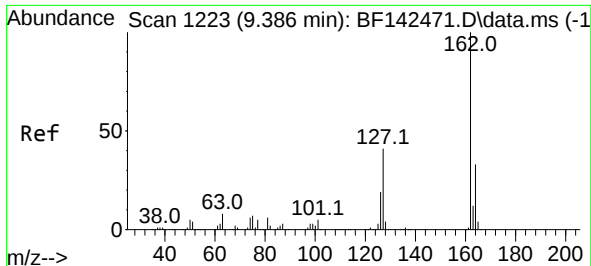
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.678 ng

RT: 9.380 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

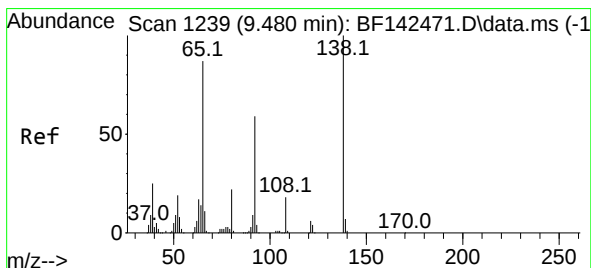
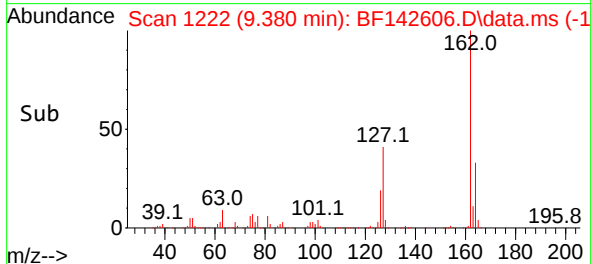
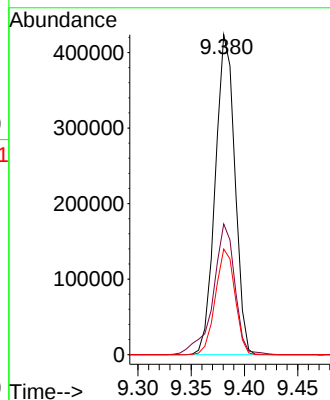
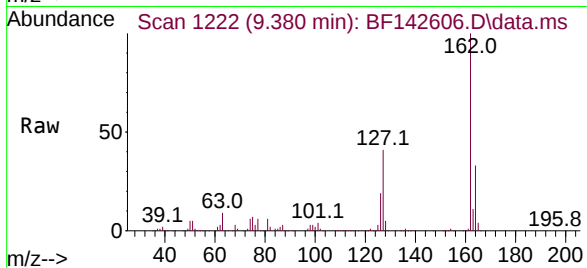
Tgt Ion:162 Resp: 542733

Ion Ratio Lower Upper

162 100

127 40.8 33.5 50.3

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 43.676 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

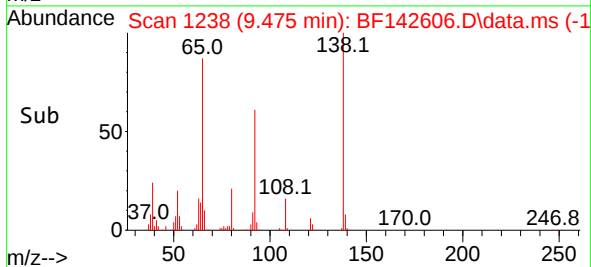
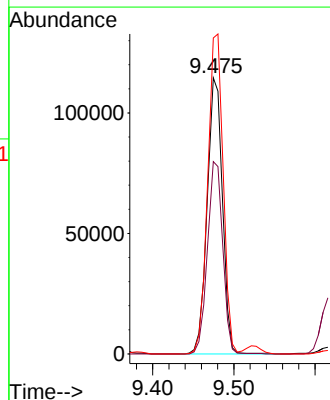
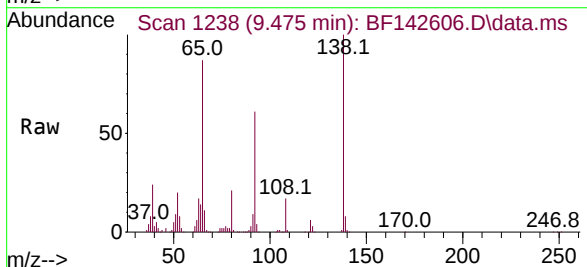
Tgt Ion: 65 Resp: 149998

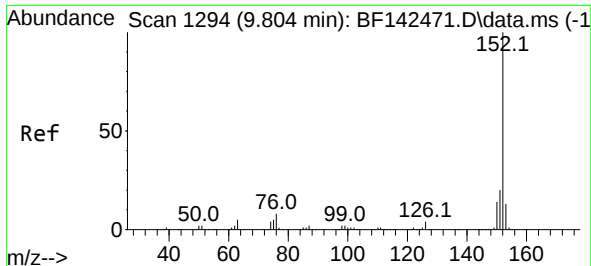
Ion Ratio Lower Upper

65 100

92 69.6 54.4 81.6

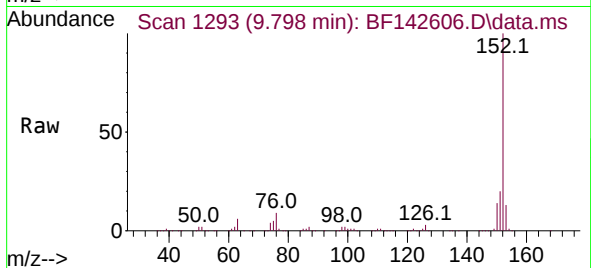
138 114.4 91.4 137.2



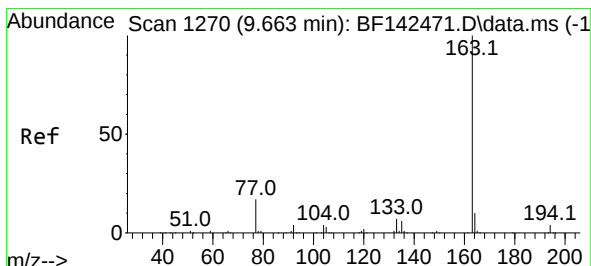
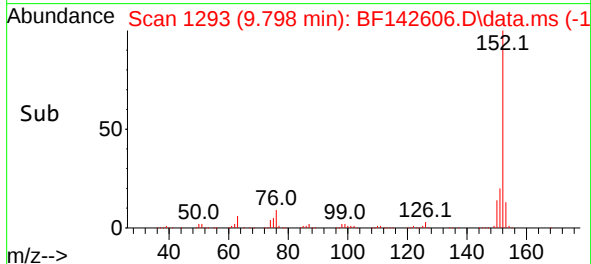
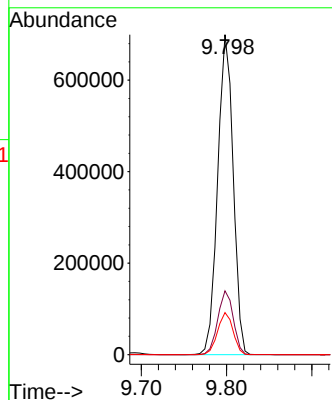


#49
Acenaphthylene
Concen: 44.071 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

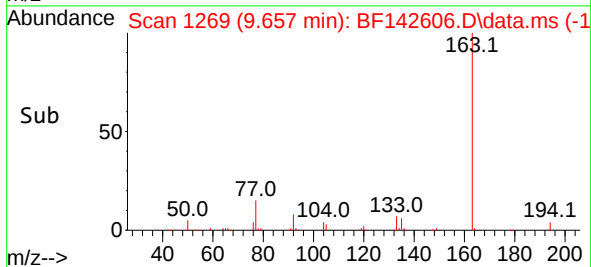
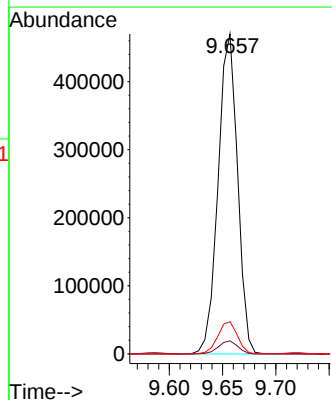
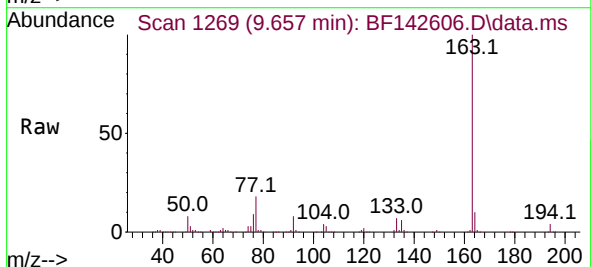


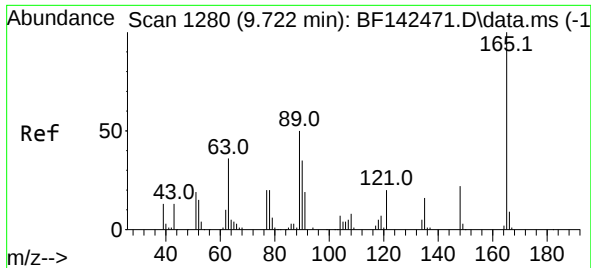
Tgt Ion:152 Resp: 884211
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 43.666 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:163 Resp: 597235
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.4

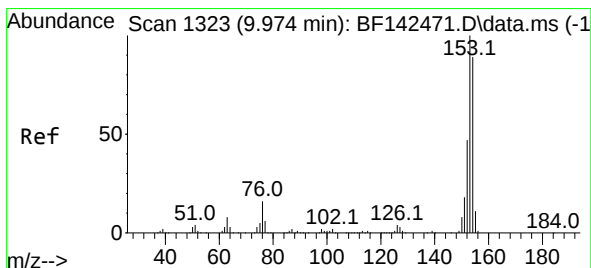
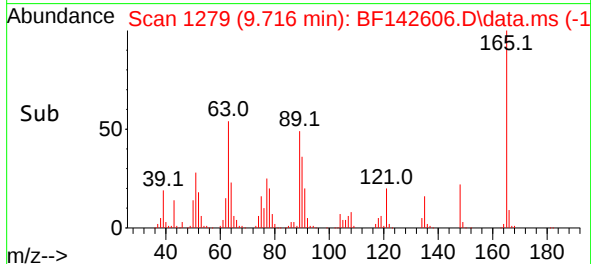
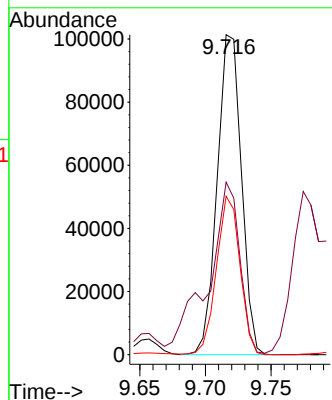
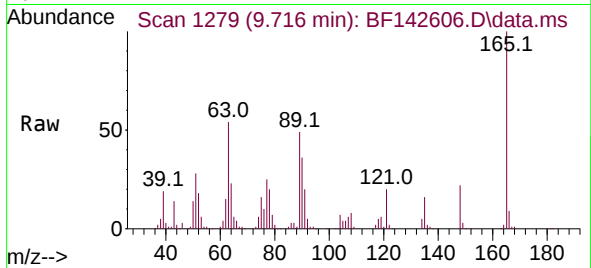




#51
2,6-Dinitrotoluene
Concen: 44.177 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

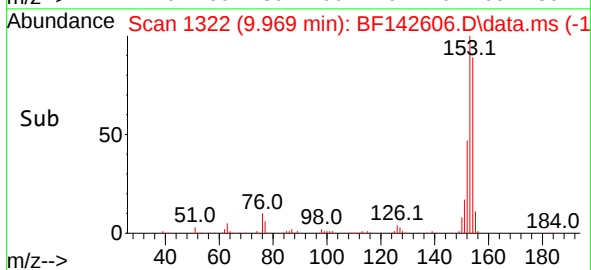
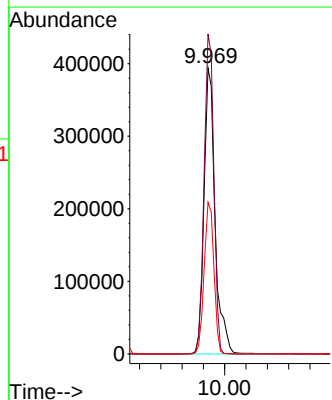
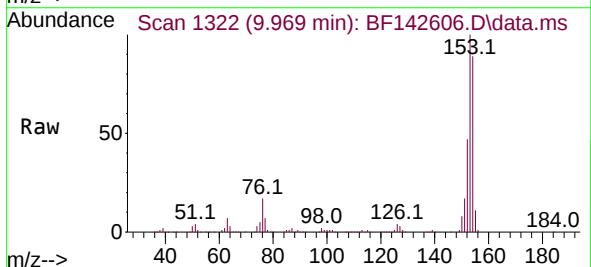
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

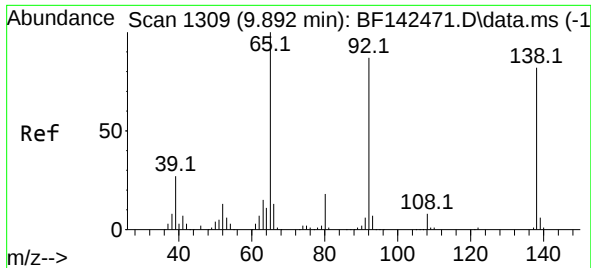
Tgt Ion:165 Resp: 130411
Ion Ratio Lower Upper
165 100
63 53.9 42.9 64.3
89 49.5 40.2 60.4



#52
Acenaphthene
Concen: 46.264 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:154 Resp: 566786
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 53.1 42.6 64.0

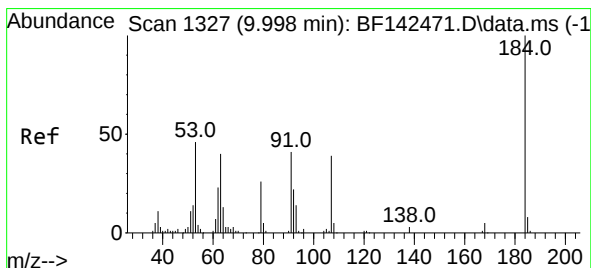
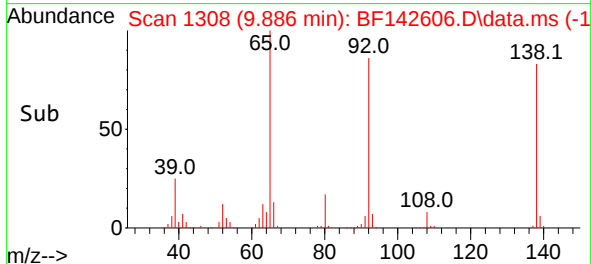
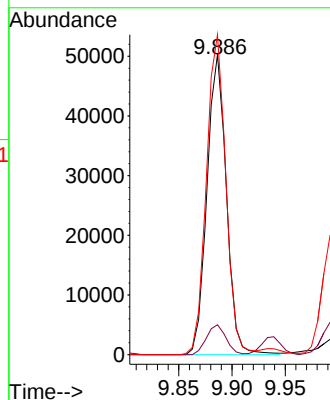
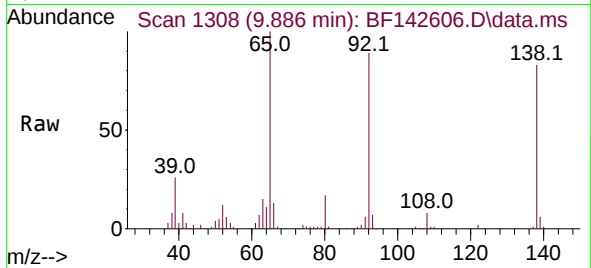




#53
3-Nitroaniline
Concen: 19.751 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

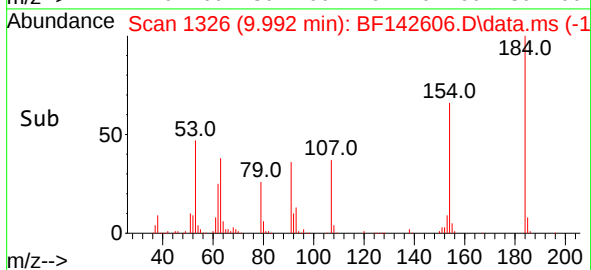
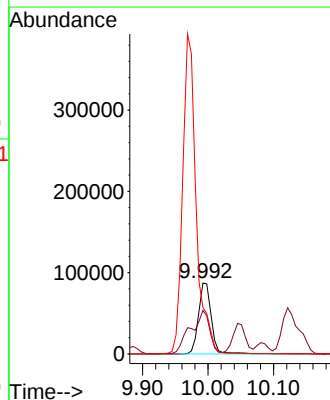
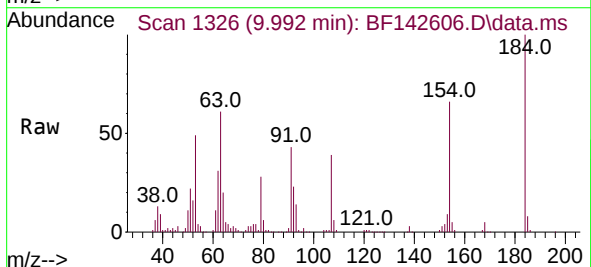
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

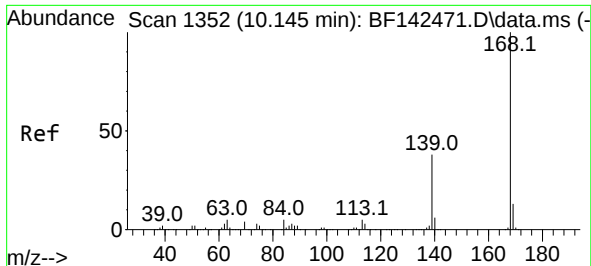
Tgt Ion:138 Resp: 63685
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.6 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 76.892 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:184 Resp: 117271
Ion Ratio Lower Upper
184 100
63 61.4 46.3 69.5
154 65.7 56.8 85.2

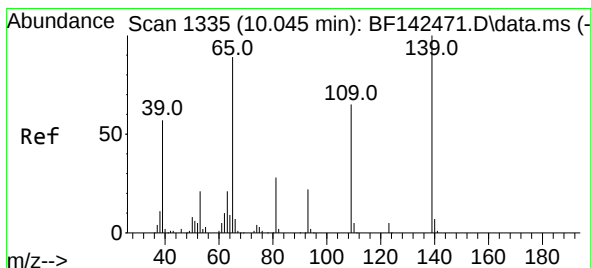
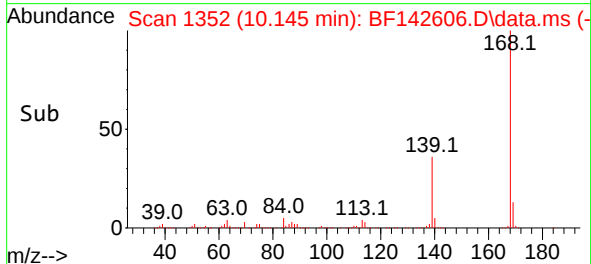
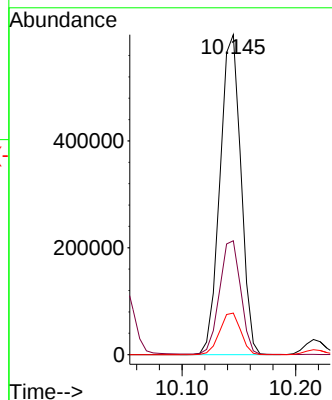
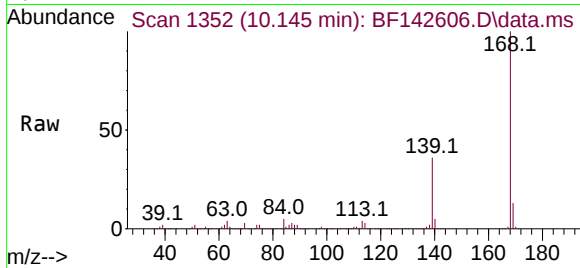




#55
Dibenzofuran
Concen: 43.498 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

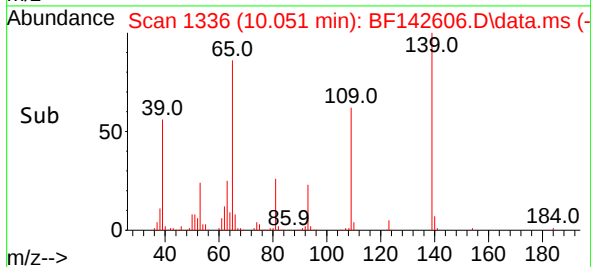
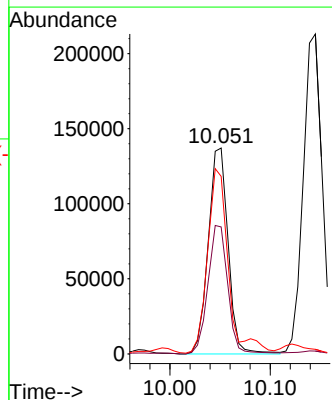
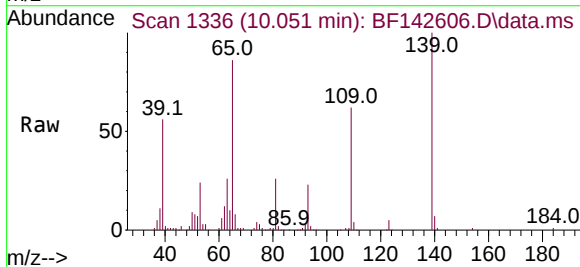
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

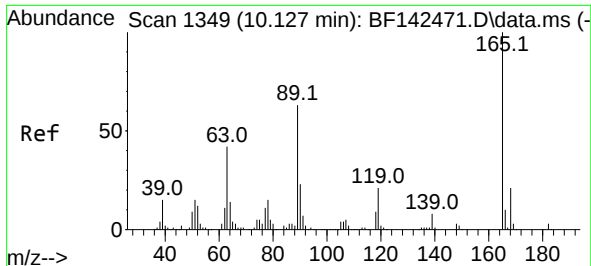
Tgt Ion:168 Resp: 766850
Ion Ratio Lower Upper
168 100
139 35.6 30.2 45.2
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 79.063 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:139 Resp: 188095
Ion Ratio Lower Upper
139 100
109 61.7 45.1 85.1
65 86.2 69.7 109.7

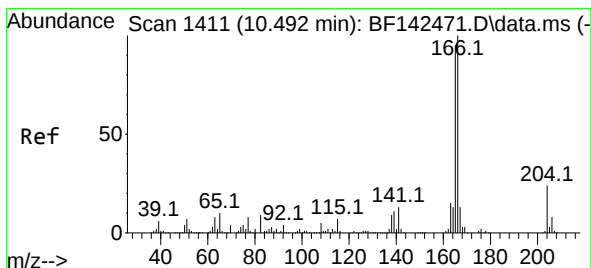
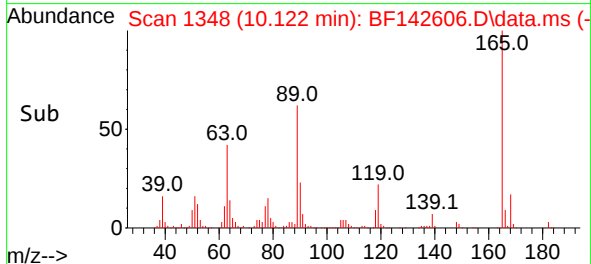
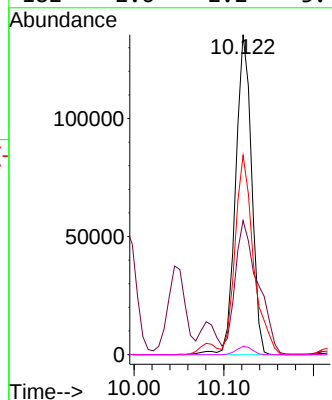
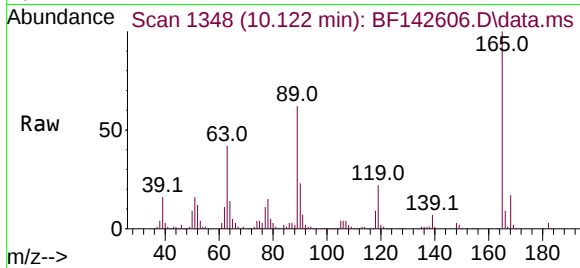




#57
2,4-Dinitrotoluene
Concen: 43.754 ng
RT: 10.122 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

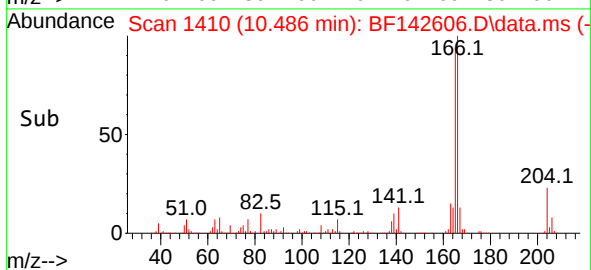
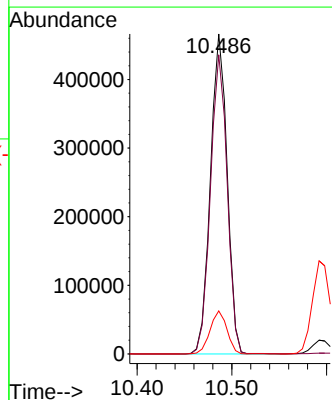
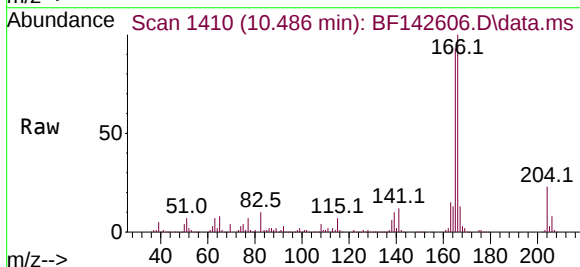
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

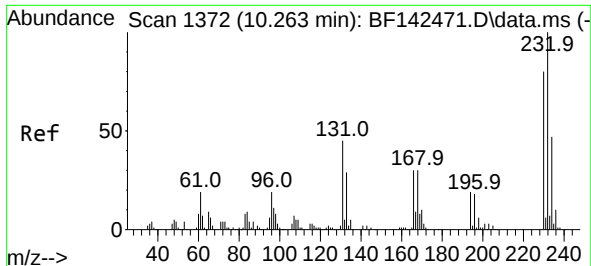
Tgt Ion:165 Resp: 168682
Ion Ratio Lower Upper
165 100
63 41.9 33.6 50.4
89 62.3 50.2 75.4
182 2.6 2.2 3.4



#58
Fluorene
Concen: 42.066 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:166 Resp: 572933
Ion Ratio Lower Upper
166 100
165 93.5 75.8 113.8
167 13.4 10.6 16.0

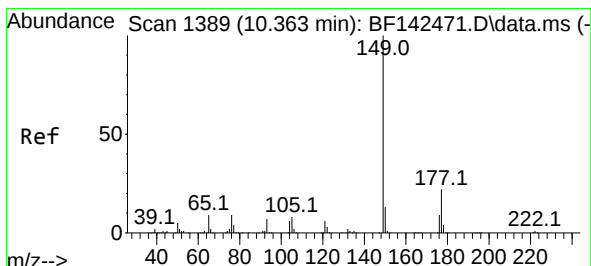
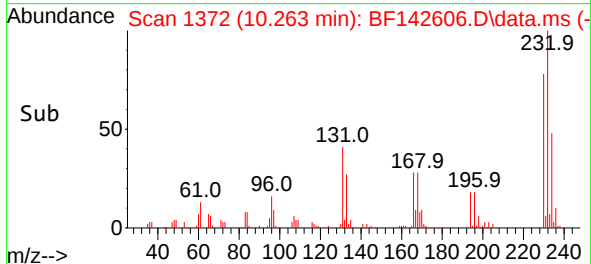
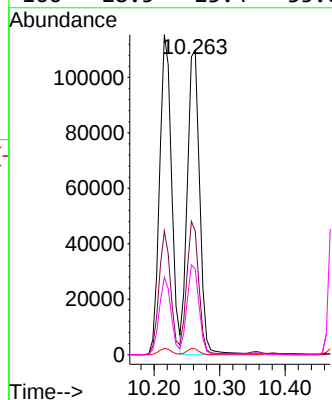
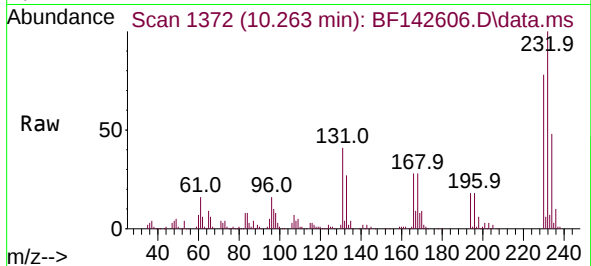




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.613 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

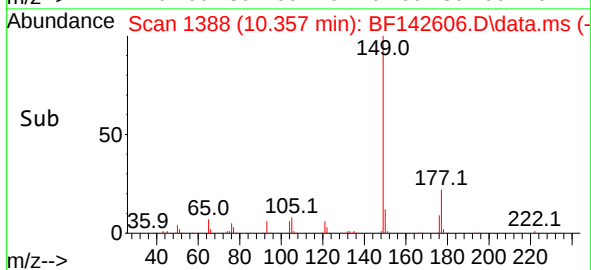
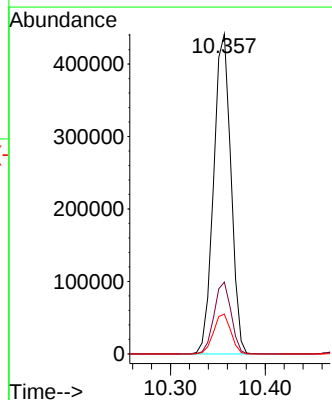
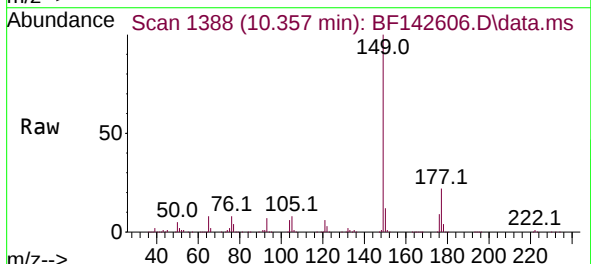
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

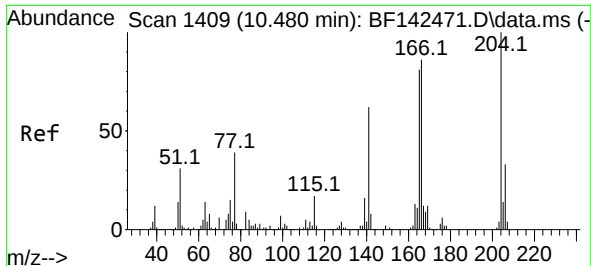
Tgt Ion:232 Resp: 143474
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 1.9 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 41.870 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 559299
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.4 10.1 15.1

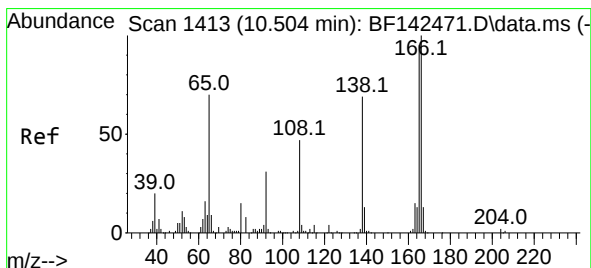
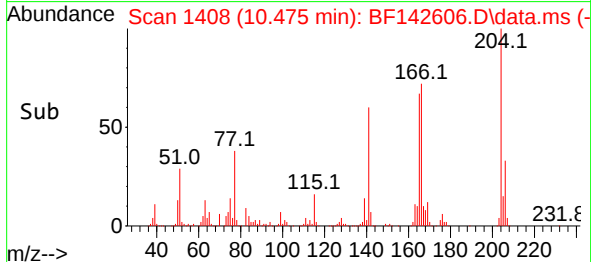
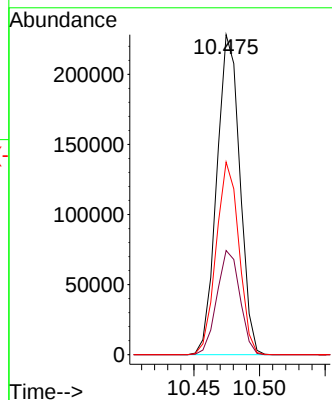
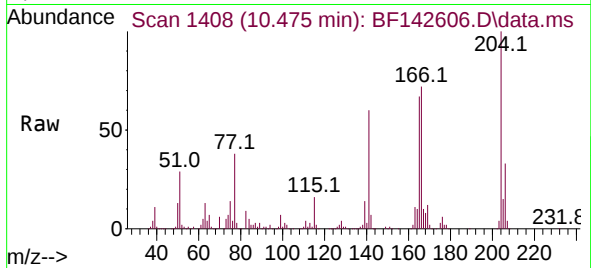




#61
4-Chlorophenyl-phenylether
Concen: 41.802 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

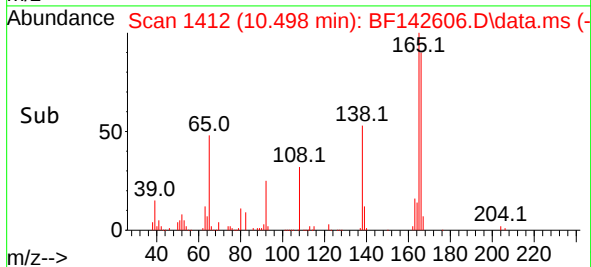
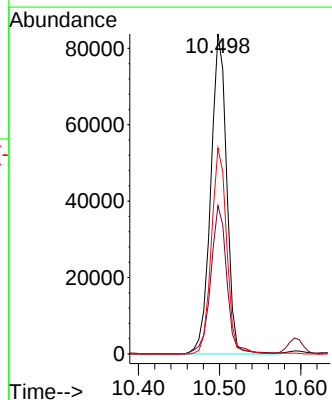
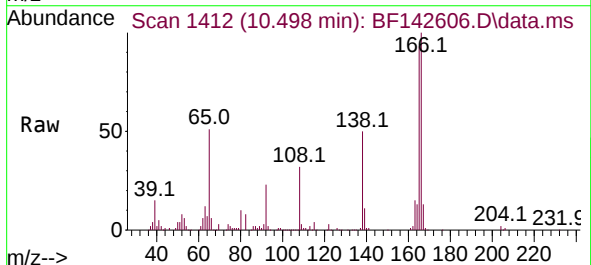
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

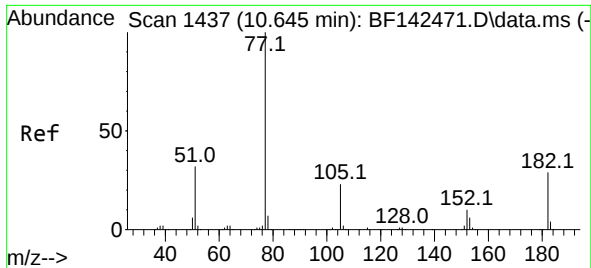
Tgt Ion:204 Resp: 279681
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 60.2 49.5 74.3



#62
4-Nitroaniline
Concen: 39.123 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:138 Resp: 114406
Ion Ratio Lower Upper
138 100
92 46.3 26.0 66.0
108 64.3 48.4 88.4

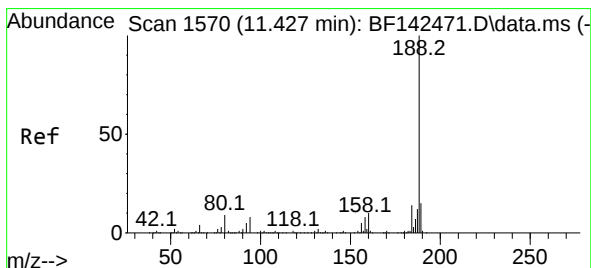
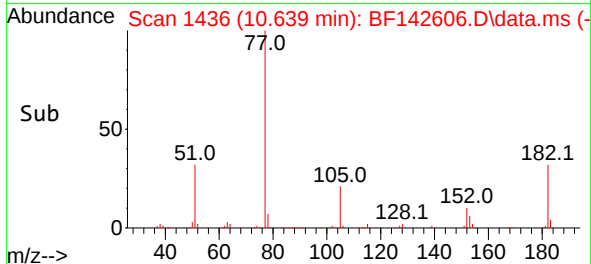
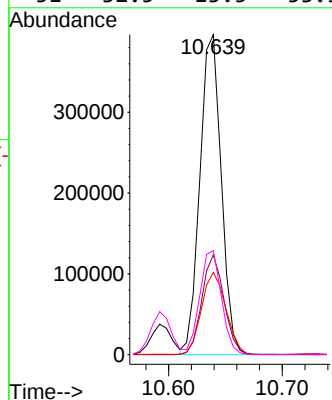
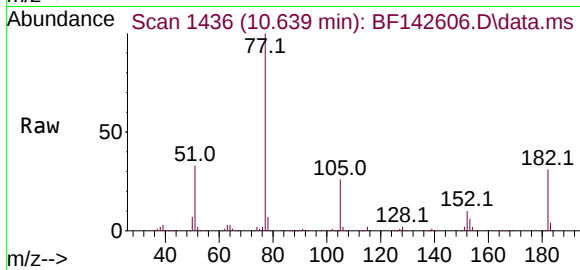




#63
Azobenzene
Concen: 43.145 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

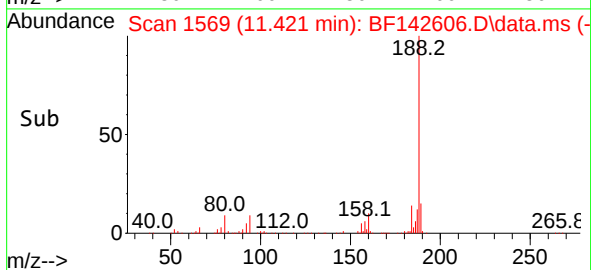
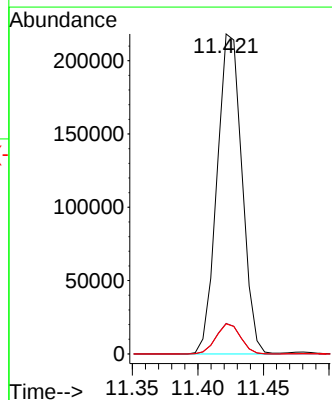
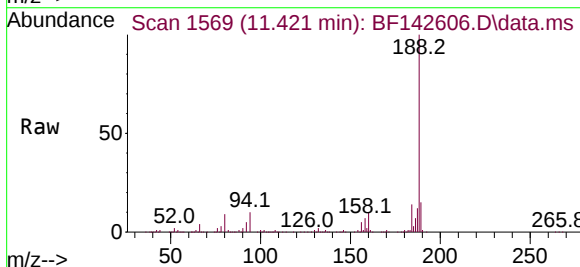
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

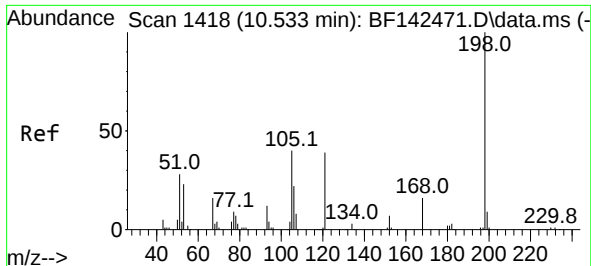
Tgt Ion: 77	Resp: 517652
Ion Ratio	Lower Upper
77 100	
182 31.2	9.0 49.0
105 25.7	2.4 42.4
51 32.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:188	Resp: 289513
Ion Ratio	Lower Upper
188 100	
94 9.5	6.6 10.0
80 9.4	7.4 11.0

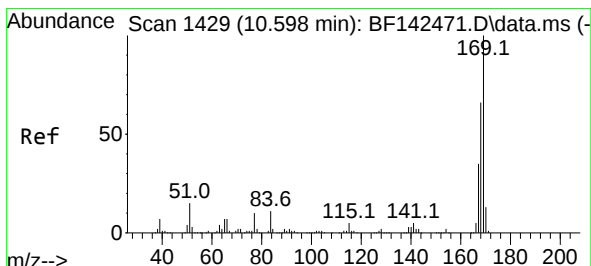
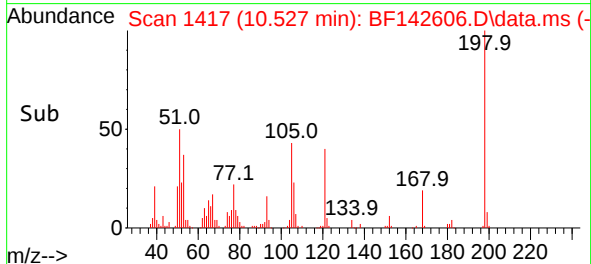
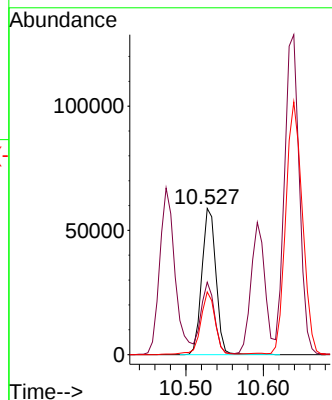
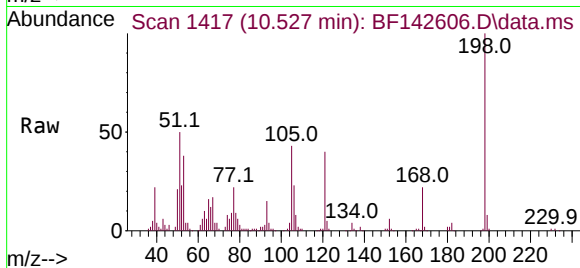




#65
4,6-Dinitro-2-methylphenol
Concen: 46.046 ng
RT: 10.527 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

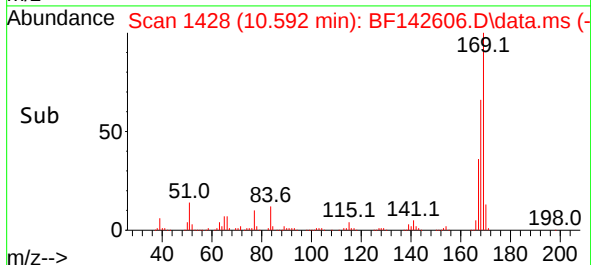
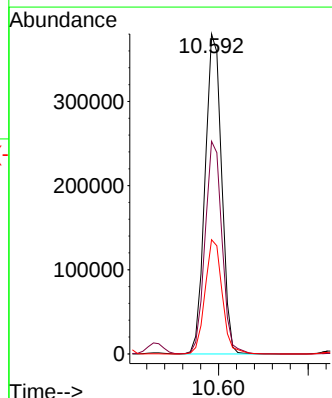
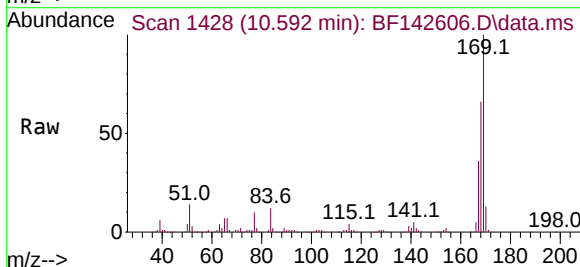
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

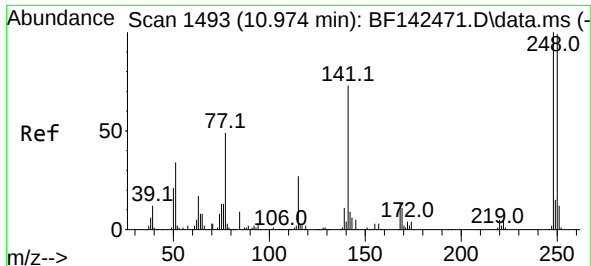
Tgt Ion:198 Resp: 74396
Ion Ratio Lower Upper
198 100
51 49.6 28.3 68.3
105 42.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 49.064 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:169 Resp: 485968
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.7 28.3 42.5

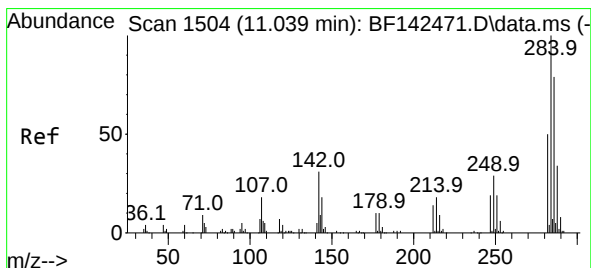
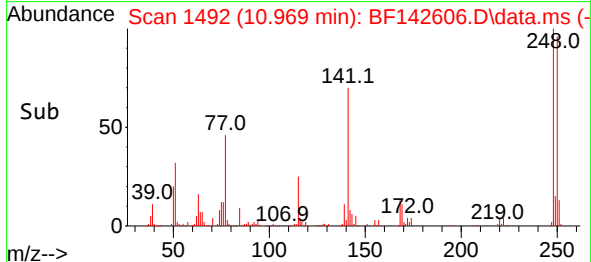
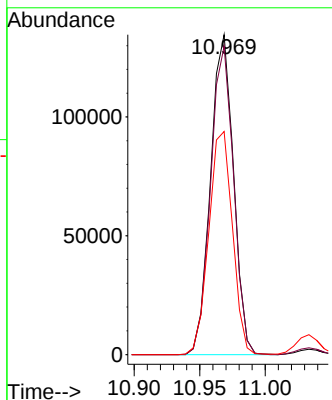
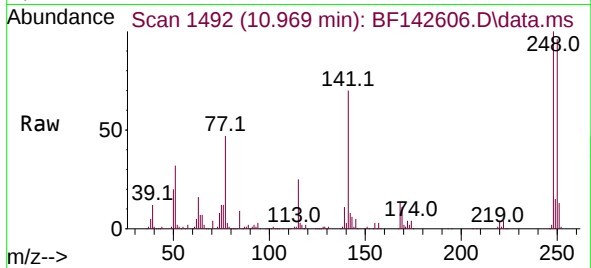




#67
4-Bromophenyl-phenylether
Concen: 47.990 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

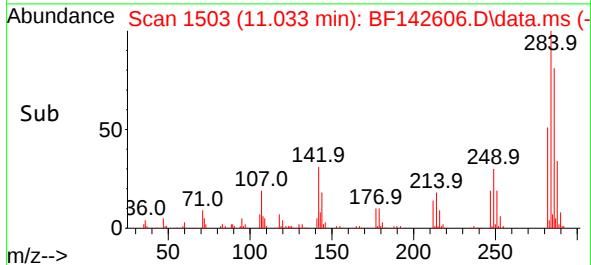
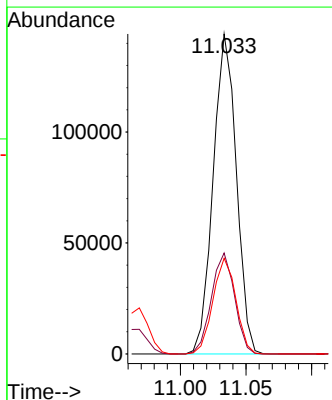
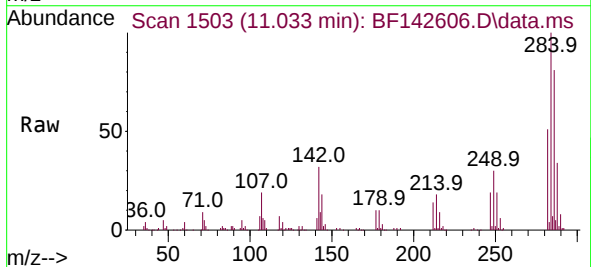
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

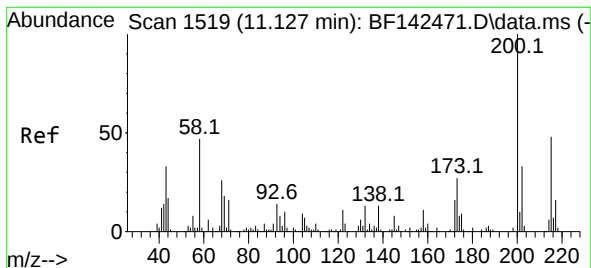
Tgt Ion:248 Resp: 164283
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 69.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 46.903 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:284 Resp: 177585
Ion Ratio Lower Upper
284 100
142 31.5 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 51.281 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

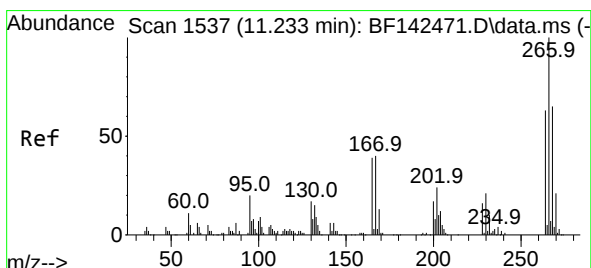
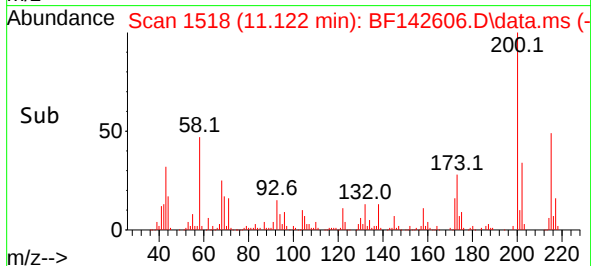
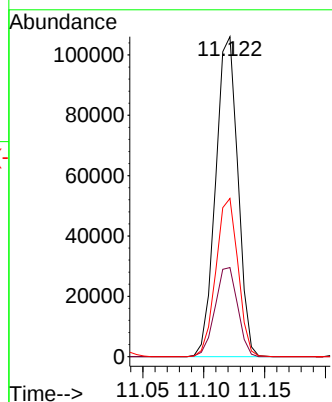
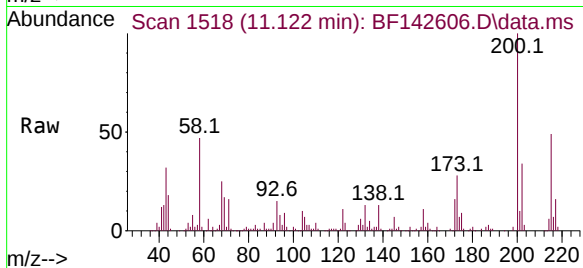
Tgt Ion:200 Resp: 134893

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 49.4 28.5 68.5



#70

Pentachlorophenol

Concen: 83.771 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

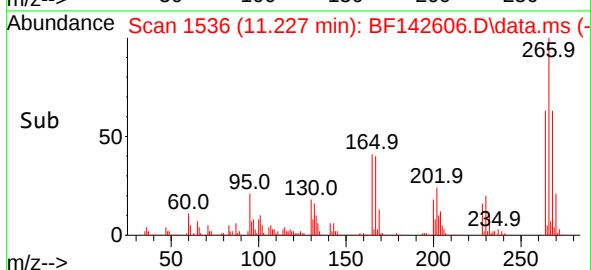
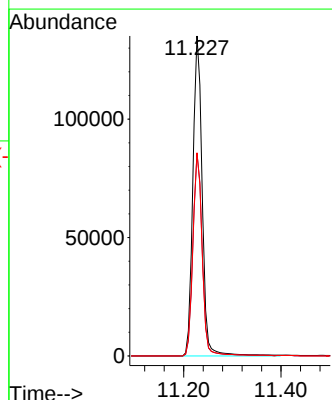
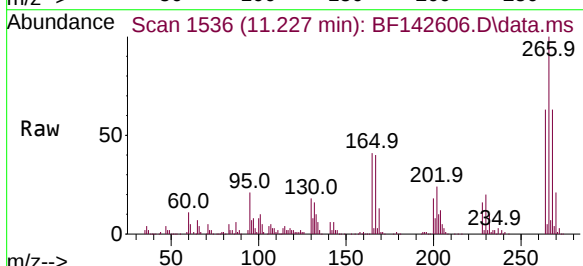
Tgt Ion:266 Resp: 179072

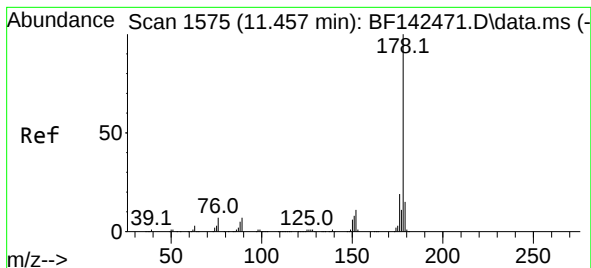
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 63.5 50.4 75.6





#71

Phenanthrene

Concen: 45.200 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

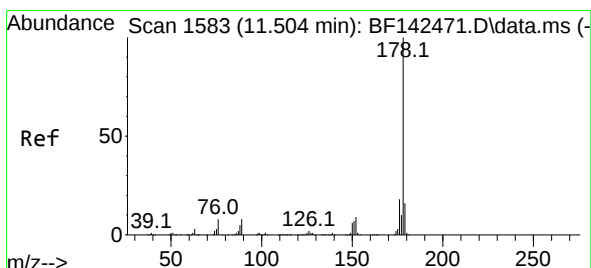
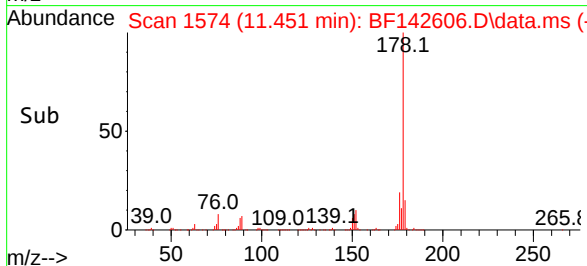
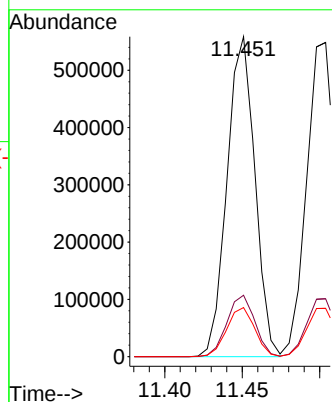
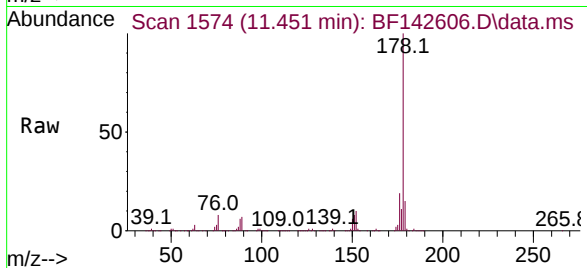
Tgt Ion:178 Resp: 699348

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 45.161 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

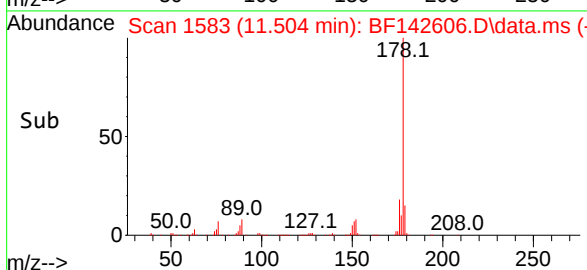
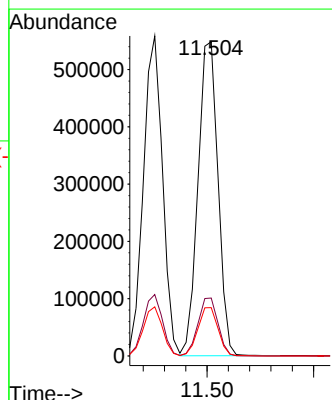
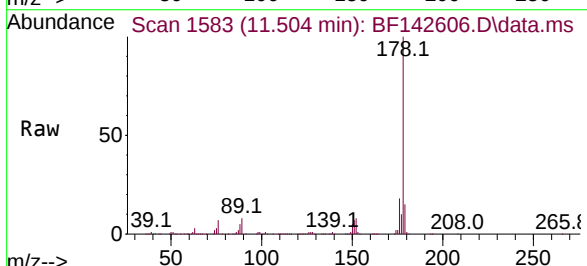
Tgt Ion:178 Resp: 713117

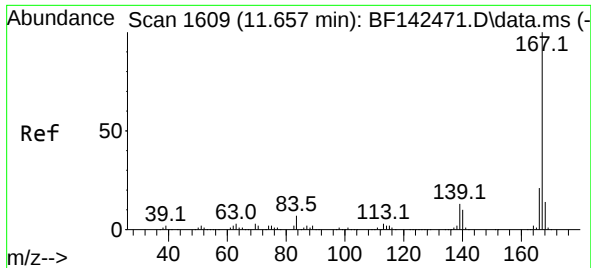
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

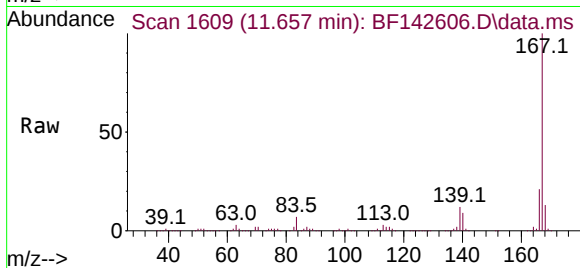
179 15.4 12.4 18.6



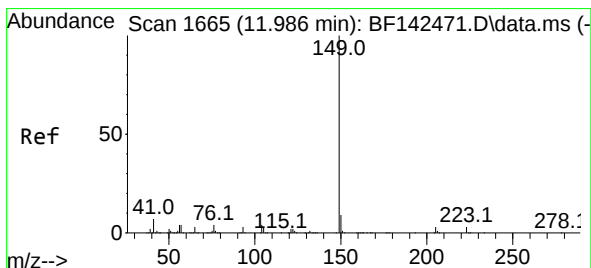
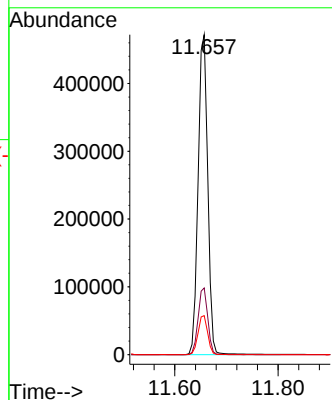
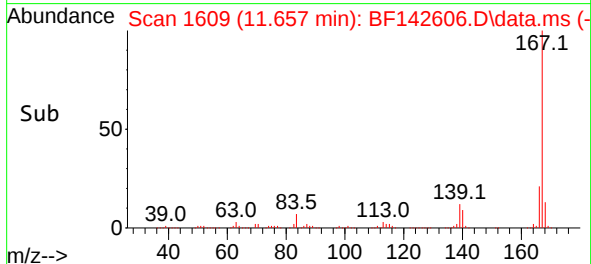


#73
 Carbazole
 Concen: 45.135 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142606.D
 Acq: 04 Jun 2025 14:38

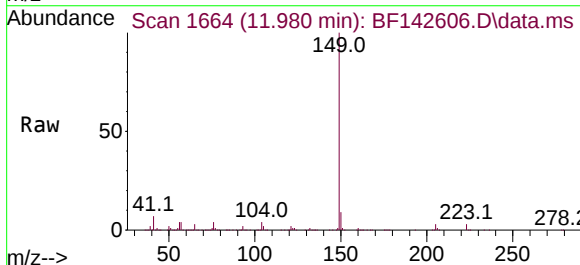
Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHO-WCMSD



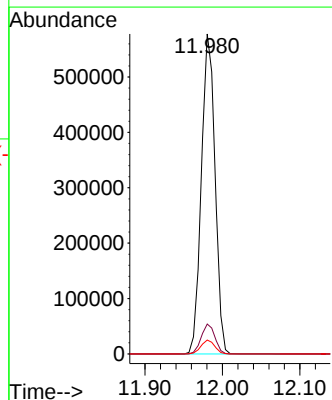
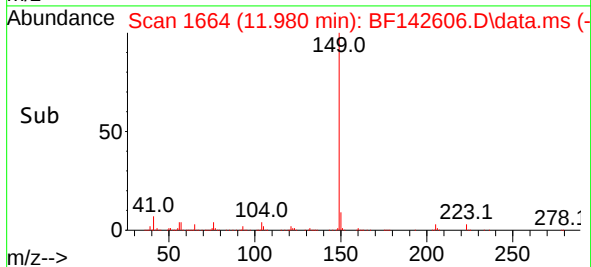
Tgt Ion:167 Resp: 609293
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.9 25.3
 139 12.2 10.2 15.4

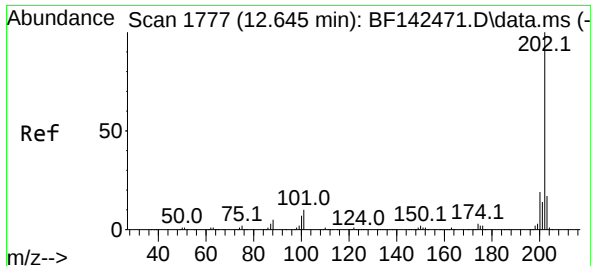


#74
 Di-n-butylphthalate
 Concen: 47.884 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF142606.D
 Acq: 04 Jun 2025 14:38



Tgt Ion:149 Resp: 707550
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.3 3.6 5.4

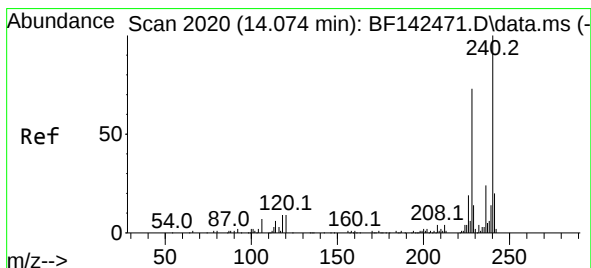
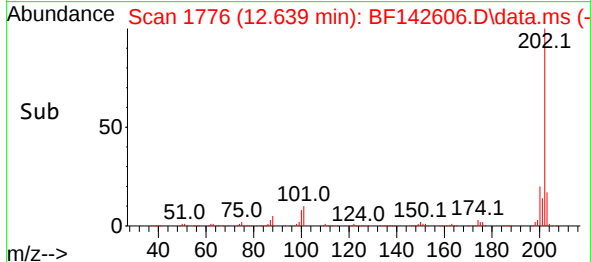
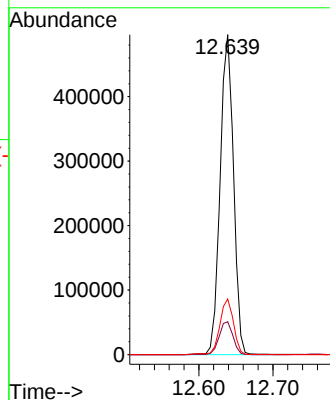
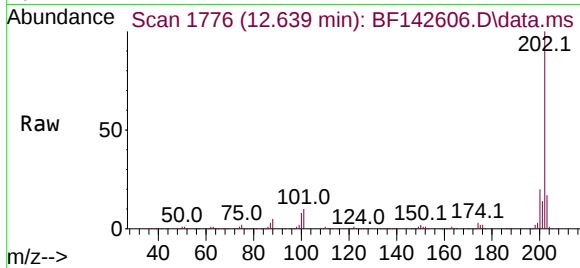




#75
Fluoranthene
Concen: 42.963 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

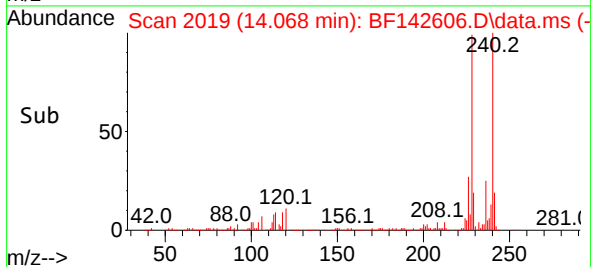
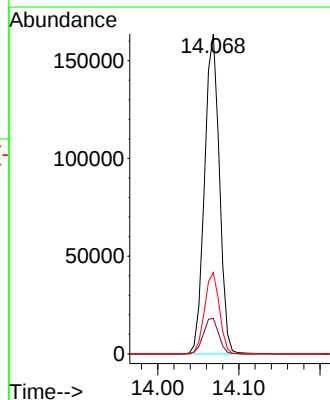
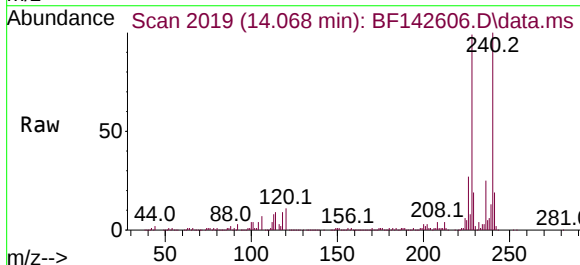
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

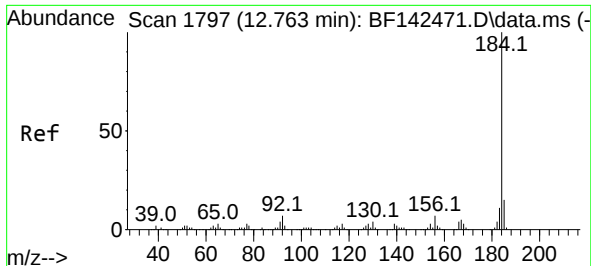
Tgt Ion:202 Resp: 621123
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:240 Resp: 207868
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 25.4 19.6 29.4

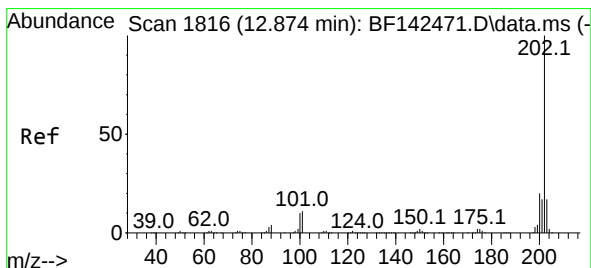
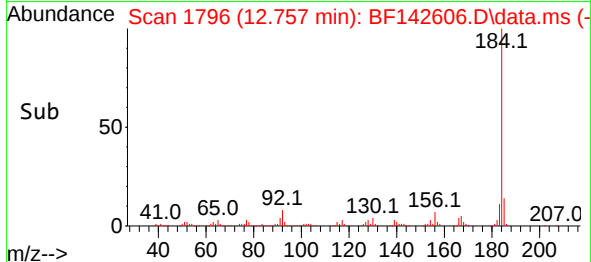
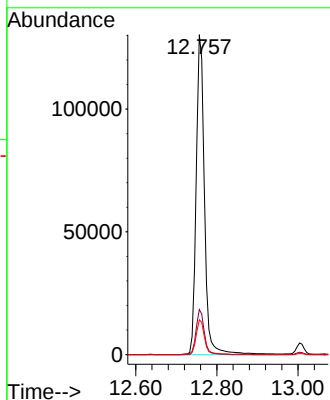
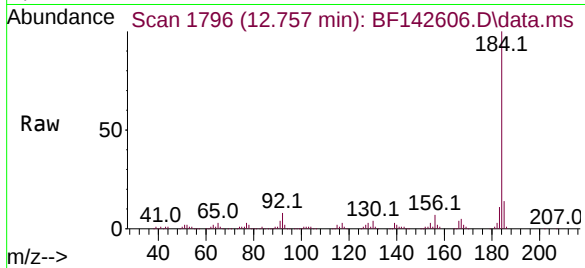




#77
Benzidine
Concen: 23.827 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

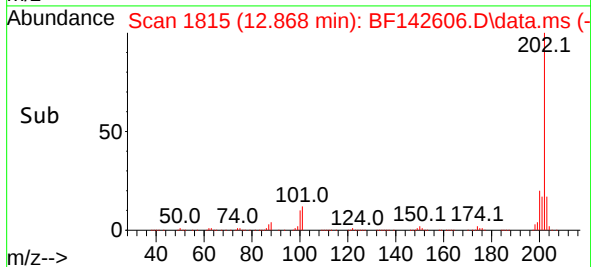
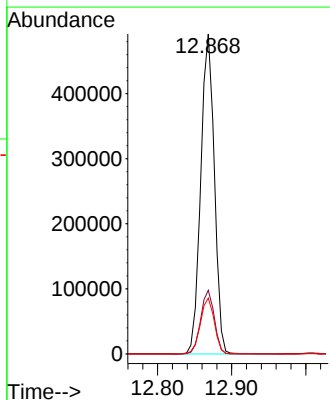
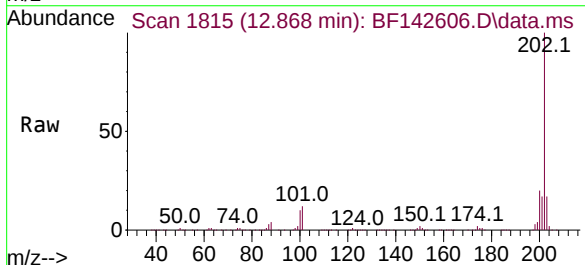
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

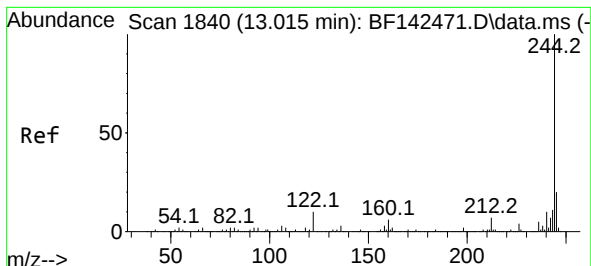
Tgt Ion:184 Resp: 184313
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 32.286 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:202 Resp: 626053
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 32.415 ng

RT: 13.004 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF142606.D

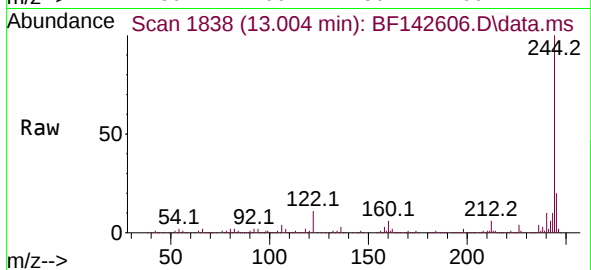
Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD



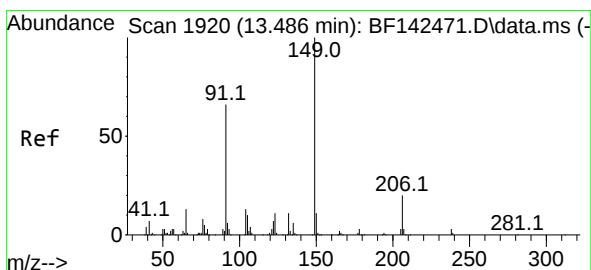
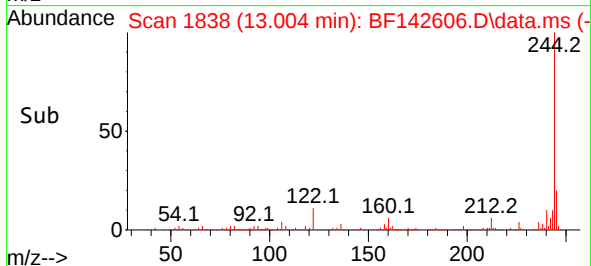
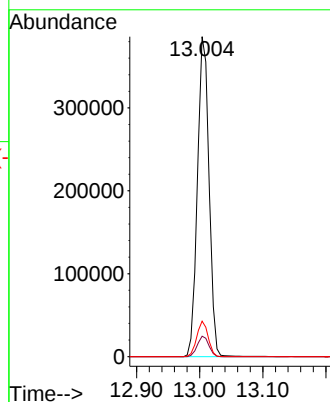
Tgt Ion:244 Resp: 493078

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 44.775 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

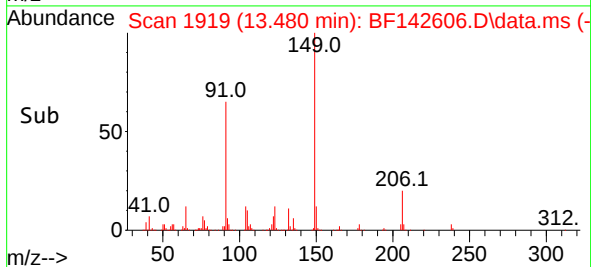
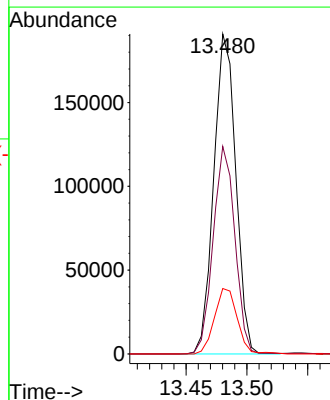
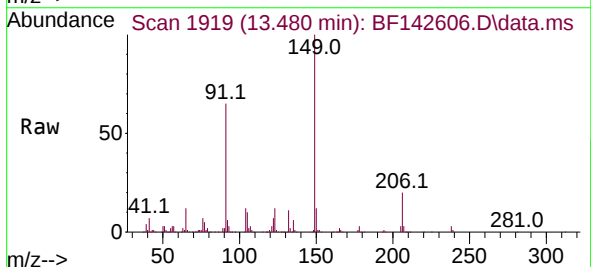
Tgt Ion:149 Resp: 239908

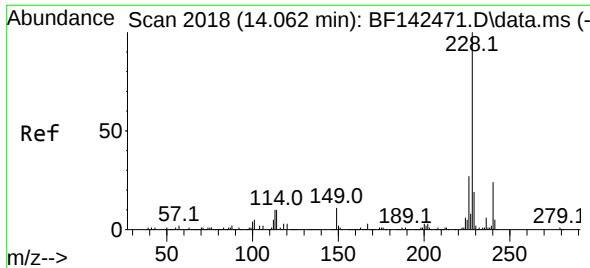
Ion Ratio Lower Upper

149 100

91 64.9 52.9 79.3

206 20.4 16.2 24.2

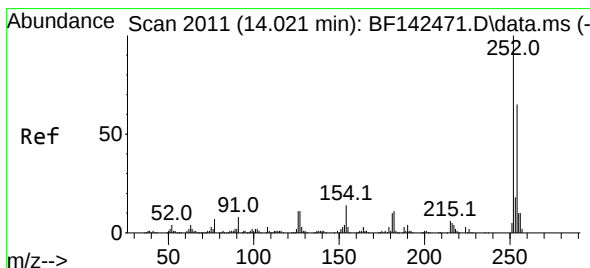
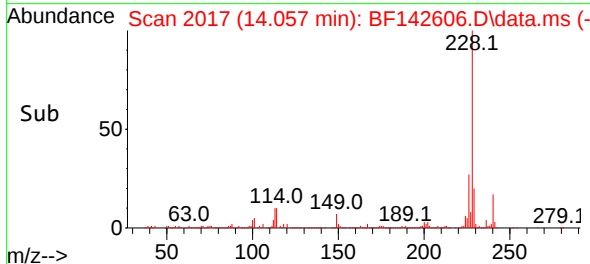
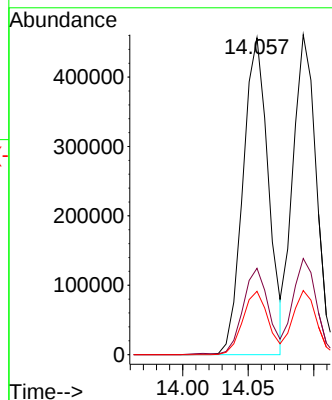
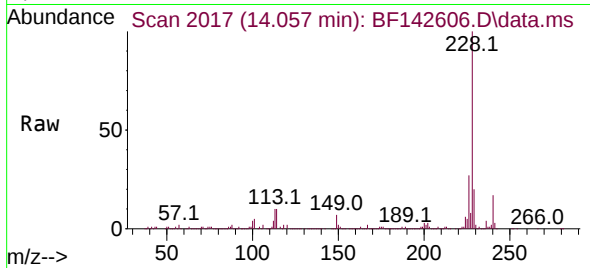




#81
Benzo(a)anthracene
Concen: 44.341 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

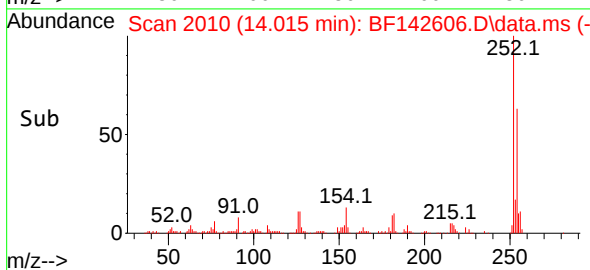
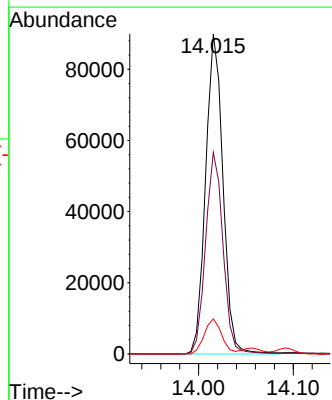
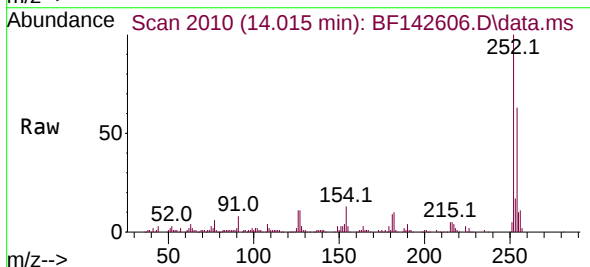
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

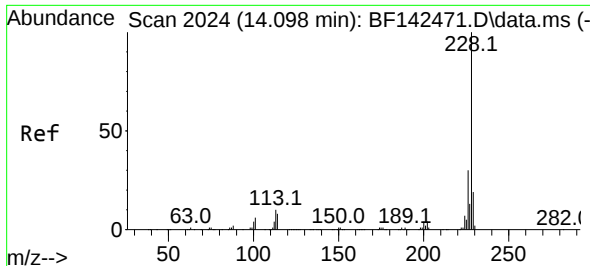
Tgt Ion:228 Resp: 615470
Ion Ratio Lower Upper
228 100
226 27.2 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 27.256 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:252 Resp: 114751
Ion Ratio Lower Upper
252 100
254 63.0 52.0 78.0
126 10.9 8.9 13.3

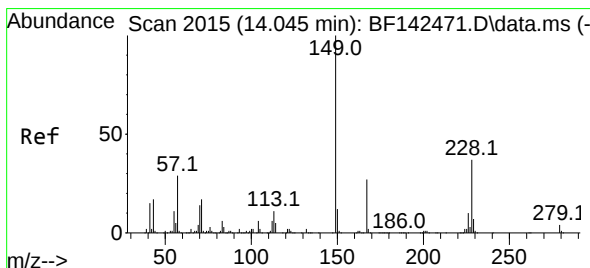
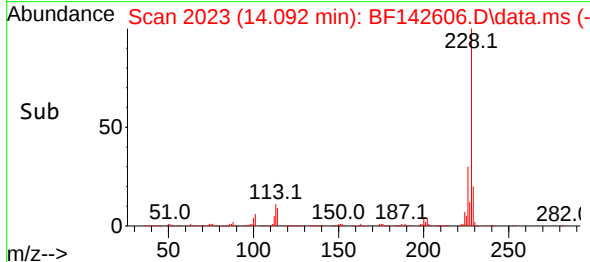
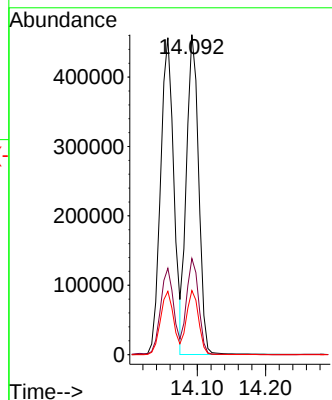
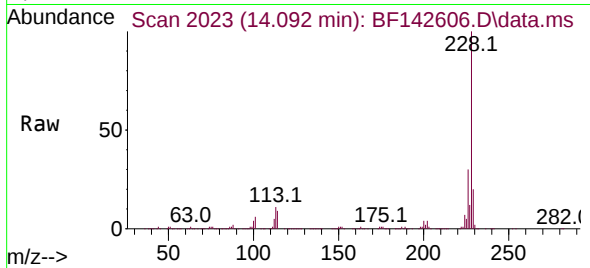




#83
Chrysene
Concen: 45.892 ng
RT: 14.092 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

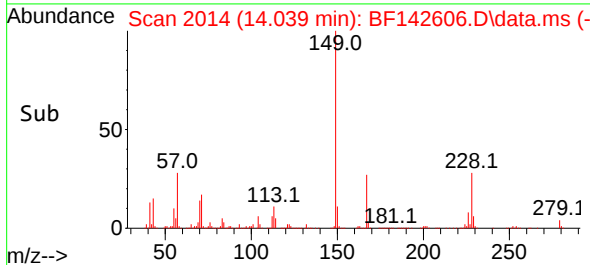
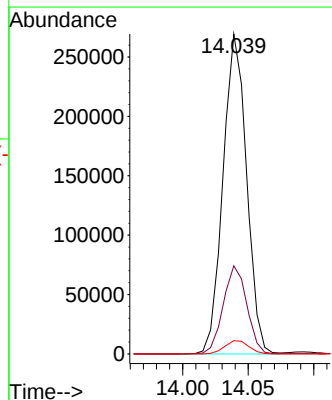
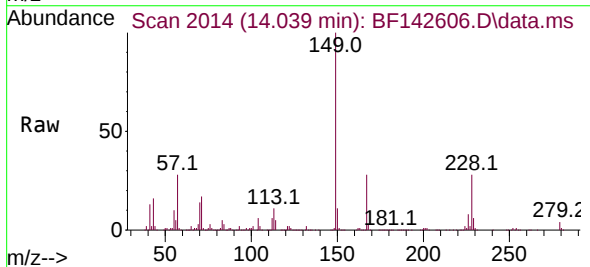
Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

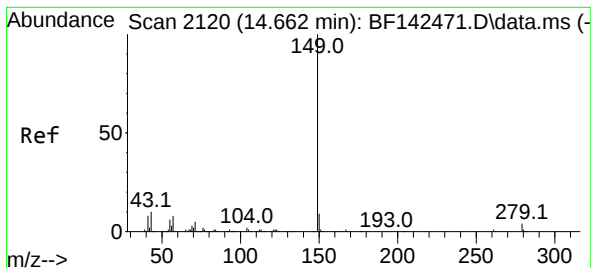
Tgt Ion:228 Resp: 572386
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 20.0 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.178 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:149 Resp: 337322
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.316 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

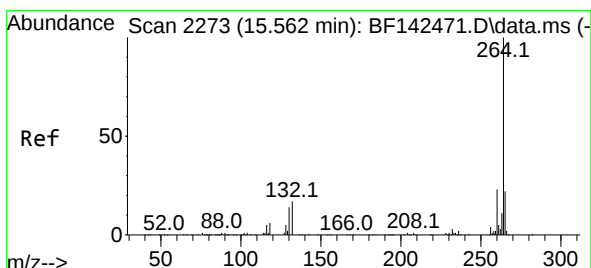
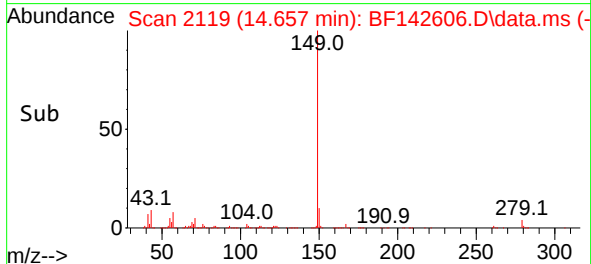
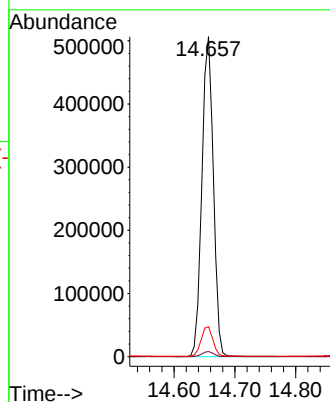
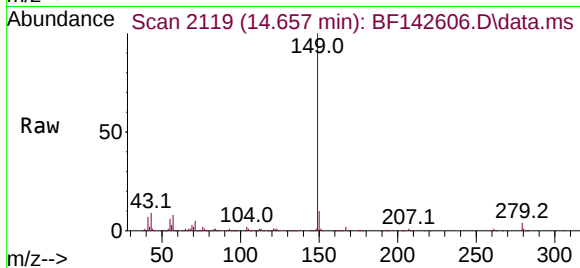
Tgt Ion:149 Resp: 661412

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

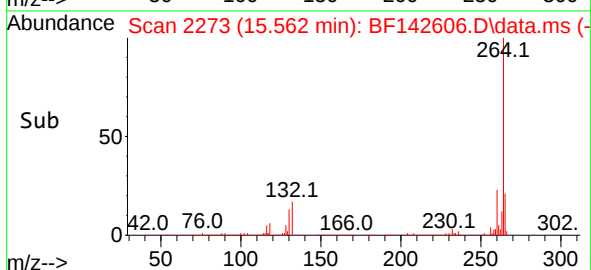
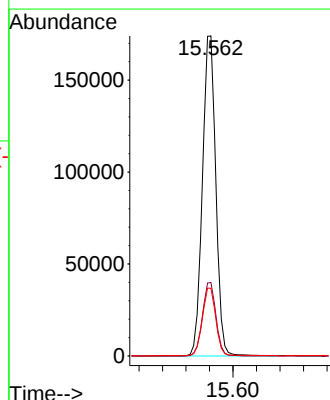
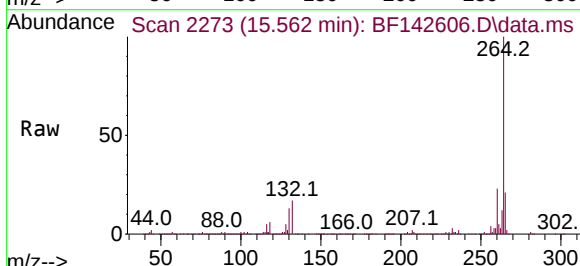
Tgt Ion:264 Resp: 274922

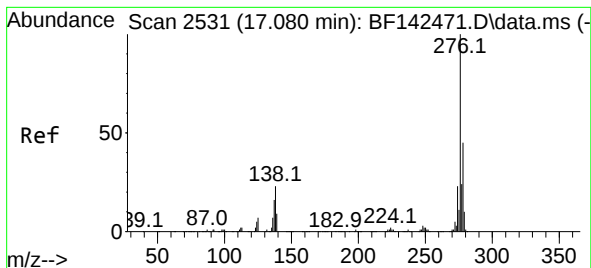
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.318 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

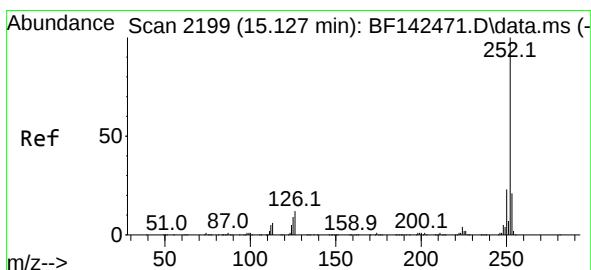
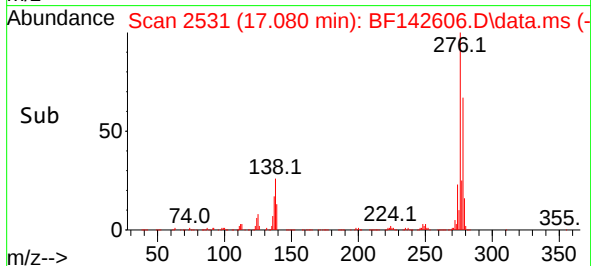
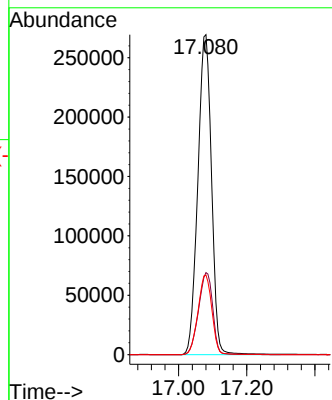
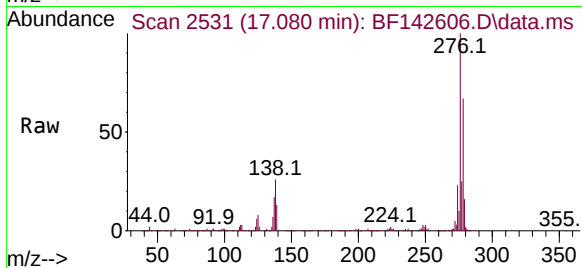
Tgt Ion:276 Resp: 749576

Ion Ratio Lower Upper

276 100

138 26.6 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.538 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

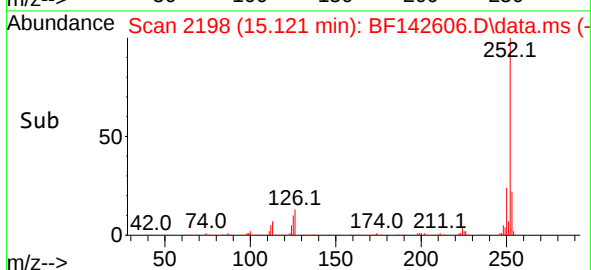
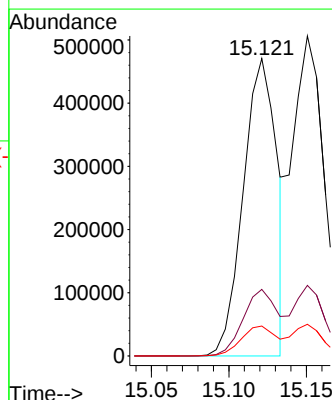
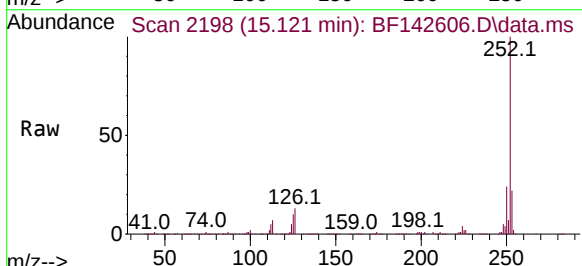
Tgt Ion:252 Resp: 708411

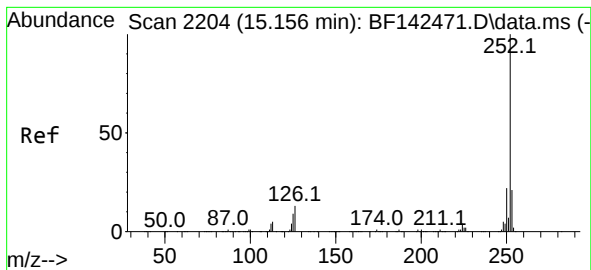
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 10.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.688 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP05-MHO-WCMSD

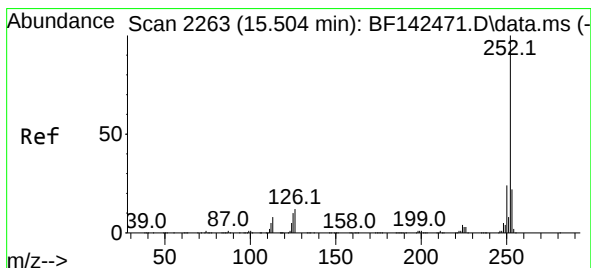
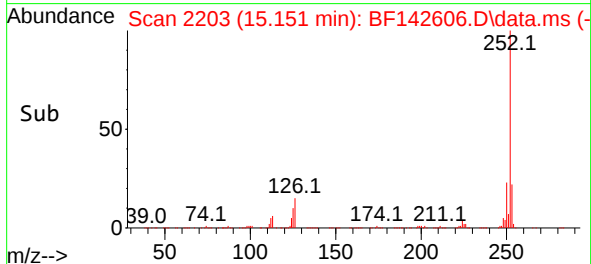
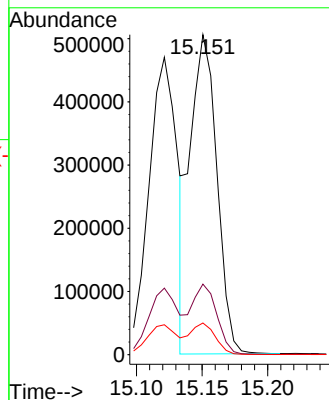
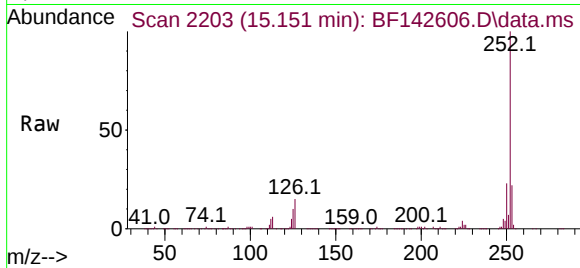
Tgt Ion:252 Resp: 711519

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 45.699 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142606.D

Acq: 04 Jun 2025 14:38

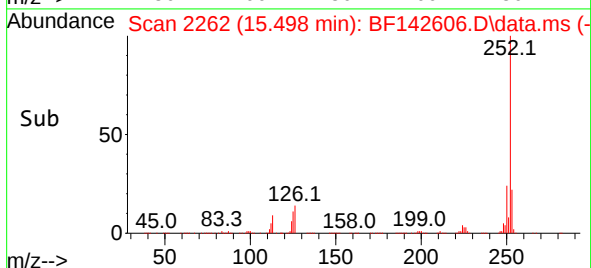
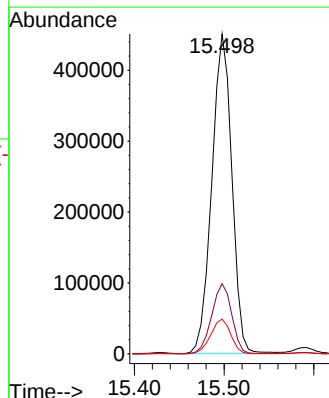
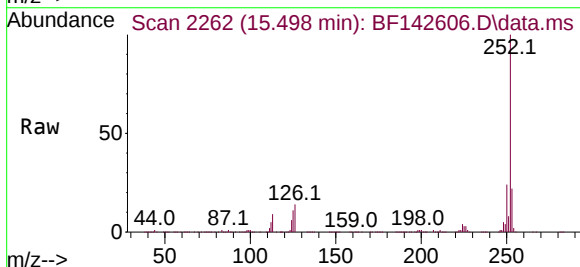
Tgt Ion:252 Resp: 700899

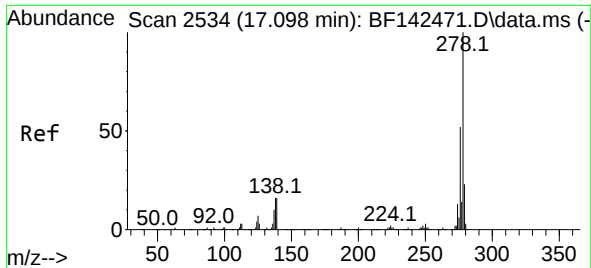
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.9 7.9 11.9

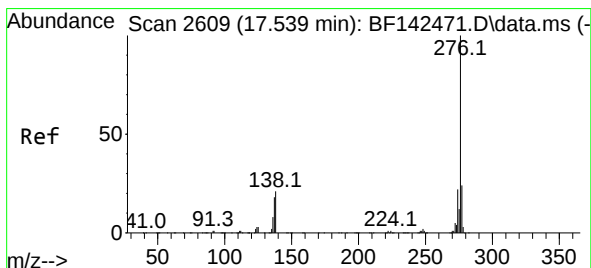
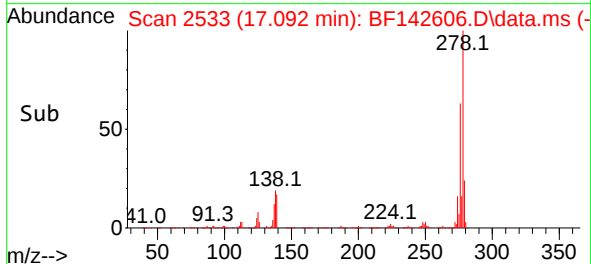
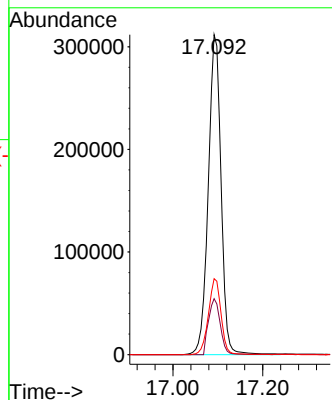
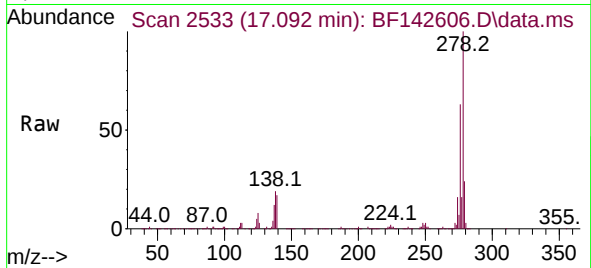




#91
Dibenzo(a,h)anthracene
Concen: 36.834 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Tgt Ion:278 Resp: 616586
Ion Ratio Lower Upper
278 100
139 17.5 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 33.135 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142606.D
Acq: 04 Jun 2025 14:38

Tgt Ion:276 Resp: 554788
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 23.0 16.8 25.2

