

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142645.D
 Acq On : 06 Jun 2025 14:25
 Operator : RC/JU
 Sample : Q2207-37MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MSD

Quant Time: Jun 06 15:01:08 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	6.892	152	121107	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	452734	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	227605	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	350996	20.000	ng	0.00
76) Chrysene-d12	14.068	240	216229	20.000	ng	0.00
86) Perylene-d12	15.562	264	267697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	538583	74.924	ng	0.00
7) Phenol-d6	6.522	99	738658	85.363	ng	-0.01
23) Nitrobenzene-d5	7.457	82	343873	41.417	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	210025	83.141	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	636592	37.531	ng	-0.02
79) Terphenyl-d14	13.010	244	685957	43.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	117799	40.952	ng	98
3) Pyridine	3.487	79	310697	42.415	ng	99
4) n-Nitrosodimethylamine	3.440	42	156226	41.076	ng	92
6) Aniline	6.557	93	398164	34.221	ng	99
8) 2-Chlorophenol	6.681	128	328000	41.892	ng	100
9) Benzaldehyde	6.445	77	175080	33.640	ng	99
10) Phenol	6.539	94	399941	41.076	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	295054	42.098	ng	99
12) 1,3-Dichlorobenzene	6.834	146	364343	41.702	ng	99
13) 1,4-Dichlorobenzene	6.910	146	364313	41.396	ng	99
14) 1,2-Dichlorobenzene	7.063	146	352132	41.815	ng	99
15) Benzyl Alcohol	7.034	79	259417	40.568	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479651	40.752	ng	98
17) 2-Methylphenol	7.145	107	250427	40.966	ng	99
18) Hexachloroethane	7.410	117	127078	41.352	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	206881	38.577	ng	97
20) 3+4-Methylphenols	7.298	107	301265	38.484	ng	99
22) Acetophenone	7.304	105	406630	40.573	ng	98
24) Nitrobenzene	7.475	77	311851	41.645	ng	100
25) Isophorone	7.716	82	559057	40.274	ng	98
26) 2-Nitrophenol	7.792	139	177383	44.332	ng	96
27) 2,4-Dimethylphenol	7.828	122	290620	41.186	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	358932	41.392	ng	99
29) 2,4-Dichlorophenol	8.034	162	268153	41.787	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	295698	42.459	ng	98
31) Naphthalene	8.204	128	927889	41.624	ng	100
32) Benzoic acid	7.939	122	182946	42.592	ng	97
33) 4-Chloroaniline	8.245	127	231659	25.646	ng	98
34) Hexachlorobutadiene	8.316	225	180214	41.443	ng	100
35) Caprolactam	8.616	113	77580	43.046	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	256893	39.063	ng	97
37) 2-Methylnaphthalene	8.892	142	565877	40.349	ng	100
38) 1-Methylnaphthalene	8.992	142	583083	40.194	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	289504	44.310	ng	99
41) Hexachlorocyclopentadiene	9.045	237	355807	80.728	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	186712	42.380	ng	97

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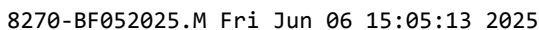
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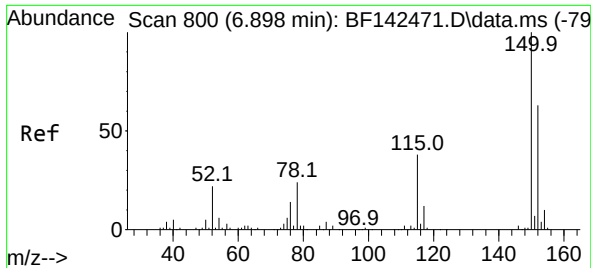
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	199213	42.874	ng	98
46) 1,1'-Biphenyl	9.357	154	757895	42.921	ng	99
47) 2-Chloronaphthalene	9.380	162	566164	43.396	ng	98
48) 2-Nitroaniline	9.475	65	159341	42.255	ng	100
49) Acenaphthylene	9.798	152	926243	42.045	ng	100
50) Dimethylphthalate	9.657	163	614791	40.937	ng	100
51) 2,6-Dinitrotoluene	9.716	165	137549	42.435	ng	99
52) Acenaphthene	9.969	154	605390	45.004	ng	99
53) 3-Nitroaniline	9.886	138	102466	28.942	ng	98
54) 2,4-Dinitrophenol	9.998	184	144429	86.246	ng	90
55) Dibenzofuran	10.145	168	794689	41.053	ng	98
56) 4-Nitrophenol	10.051	139	211702	81.042	ng	95
57) 2,4-Dinitrotoluene	10.122	165	181053	42.770	ng	100
58) Fluorene	10.486	166	607951	40.653	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	155189	40.008	ng	98
60) Diethylphthalate	10.357	149	585645	39.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	290633	39.561	ng	98
62) 4-Nitroaniline	10.498	138	128953	40.161	ng	97
63) Azobenzene	10.639	77	557300	42.303	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	91885	46.908	ng	95
66) n-Nitrosodiphenylamine	10.592	169	517778	43.118	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	177137	42.681	ng	97
68) Hexachlorobenzene	11.033	284	195915	42.680	ng	98
69) Atrazine	11.122	200	152901	47.945	ng	100
70) Pentachlorophenol	11.227	266	206695	79.755	ng	99
71) Phenanthrene	11.451	178	794920	42.378	ng	100
72) Anthracene	11.504	178	804063	42.001	ng	100
73) Carbazole	11.657	167	698526	42.681	ng	100
74) Di-n-butylphthalate	11.980	149	810622	45.250	ng	99
75) Fluoranthene	12.639	202	724954	41.361	ng	99
77) Benzidine	12.763	184	335776	41.729	ng	99
78) Pyrene	12.868	202	721346	35.761	ng	100
80) Butylbenzylphthalate	13.486	149	262736	47.139	ng	96
81) Benzo(a)anthracene	14.057	228	592912	41.064	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	123078	28.104	ng	98
83) Chrysene	14.092	228	569225	43.874	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	354868	49.736	ng	99
85) Di-n-octyl phthalate	14.657	149	630510	45.194	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	765527	38.092	ng	99
88) Benzo(b)fluoranthene	15.121	252	700056	44.186	ng	98
89) Benzo(k)fluoranthene	15.151	252	601557	40.538	ng	98
90) Benzo(a)pyrene	15.498	252	642804	43.043	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	616252	37.808	ng	99
92) Benzo(g,h,i)perylene	17.539	276	597788	36.667	ng	98

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

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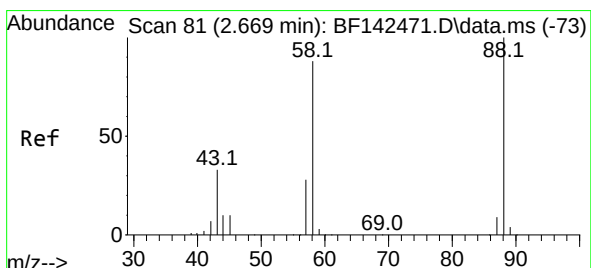
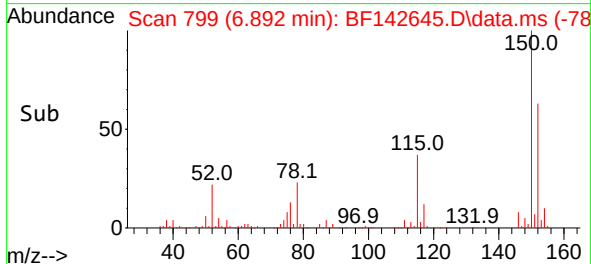
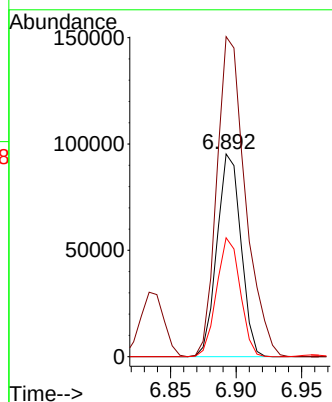
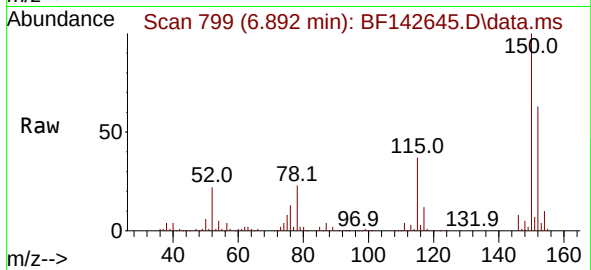




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

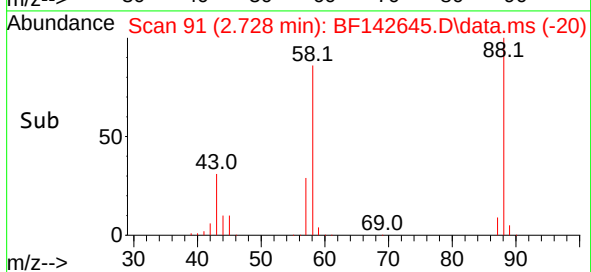
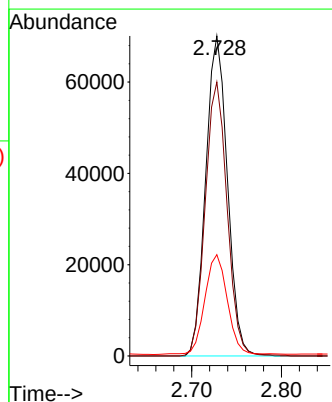
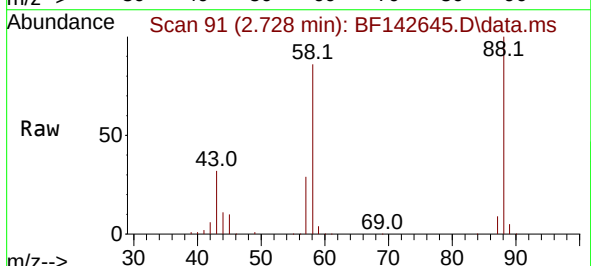
Instrument :
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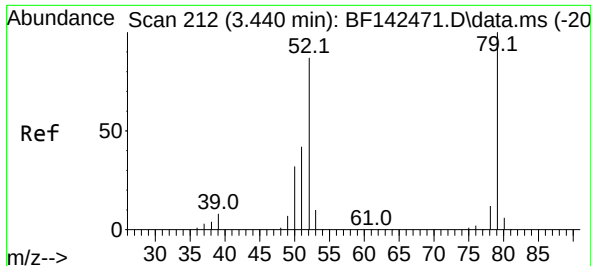
Tgt Ion:152 Resp: 121107
 Ion Ratio Lower Upper
 152 100
 150 157.9 128.2 192.4
 115 58.7 48.3 72.5



#2
 1,4-Dioxane
 Concen: 40.952 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.065 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

Tgt Ion: 88 Resp: 117799
 Ion Ratio Lower Upper
 88 100
 58 86.2 70.8 106.2
 43 32.3 26.6 40.0





#3

Pyridine

Concen: 42.415 ng

RT: 3.487 min Scan# 212

Delta R.T. 0.047 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

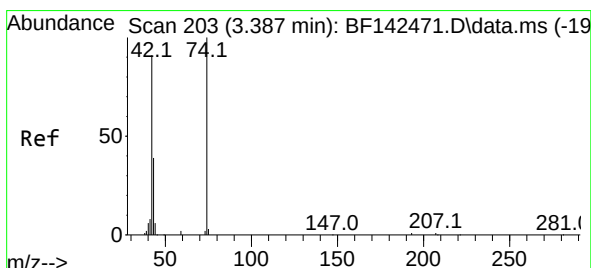
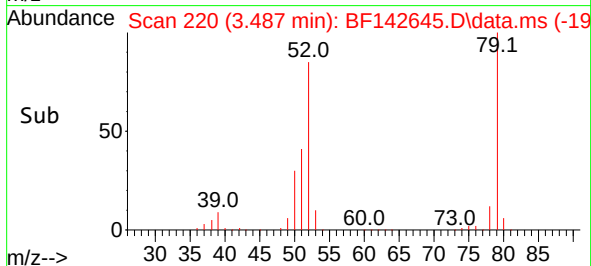
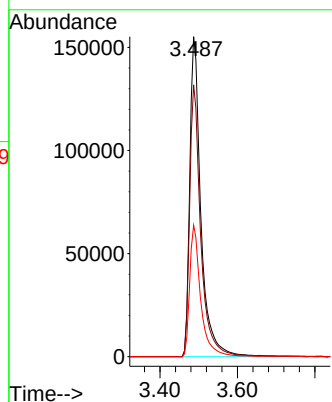
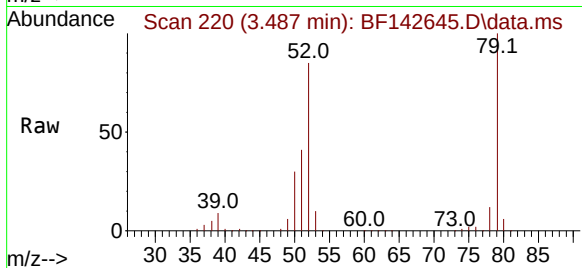
Tgt Ion: 79 Resp: 310697

Ion Ratio Lower Upper

79 100

52 84.9 69.2 103.8

51 41.1 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 41.076 ng

RT: 3.440 min Scan# 212

Delta R.T. 0.035 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

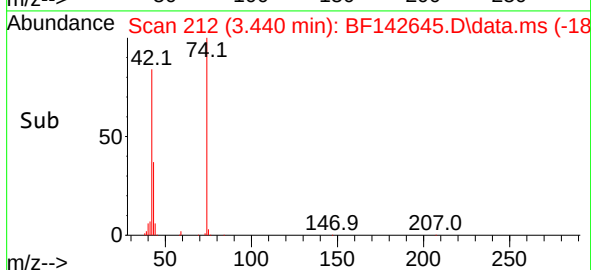
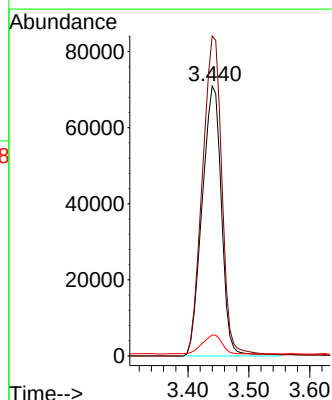
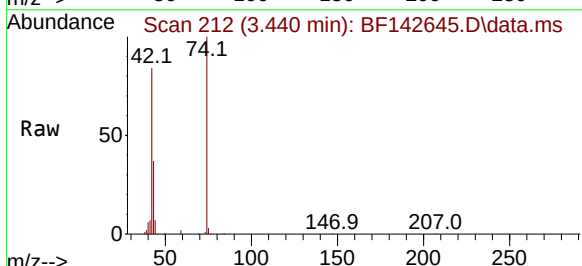
Tgt Ion: 42 Resp: 156226

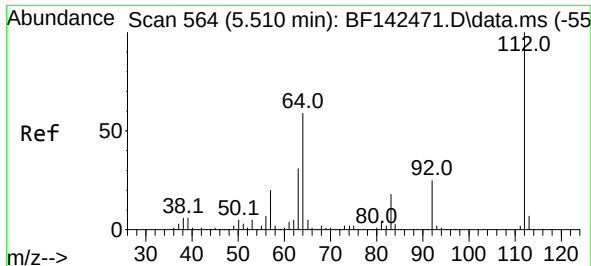
Ion Ratio Lower Upper

42 100

74 118.6 88.2 132.4

44 7.7 5.4 8.2

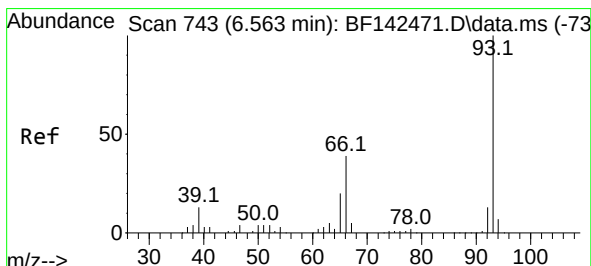
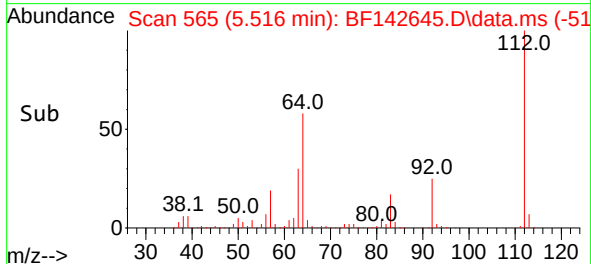
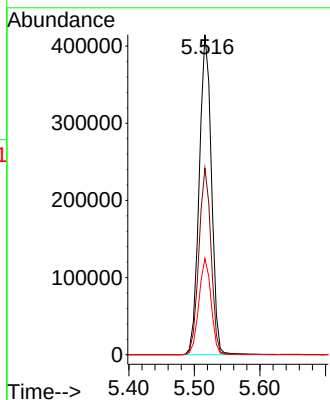
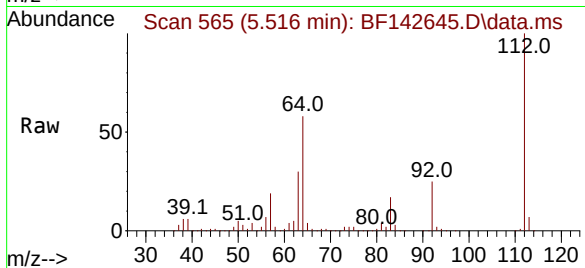




#5
2-Fluorophenol
Concen: 74.924 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

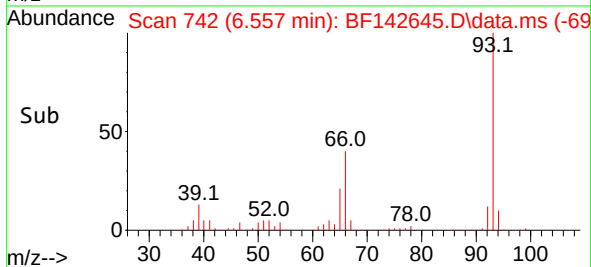
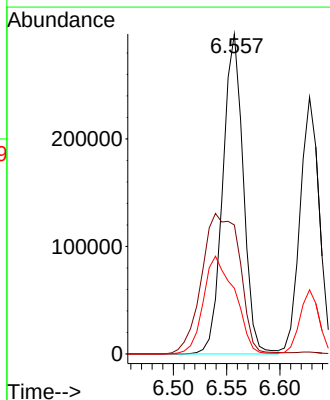
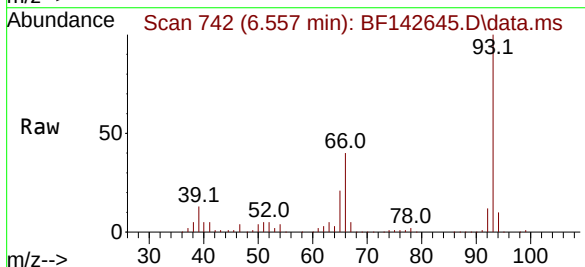
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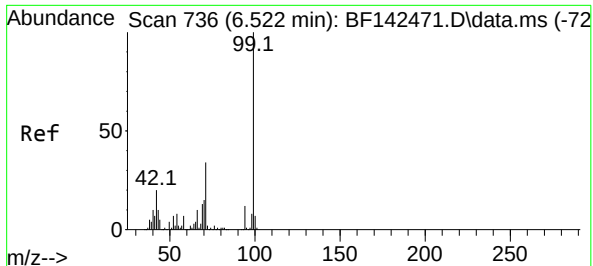
Tgt Ion:112 Resp: 538583
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.0 24.9 37.3



#6
Aniline
Concen: 34.221 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion: 93 Resp: 398164
Ion Ratio Lower Upper
93 100
66 40.3 32.0 48.0
65 20.6 16.1 24.1



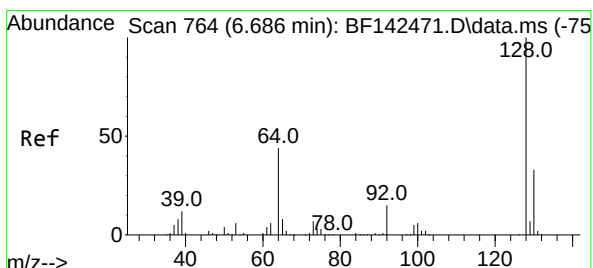
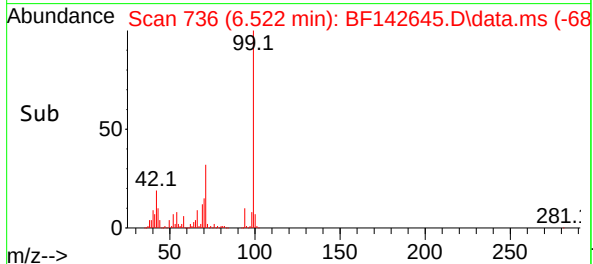
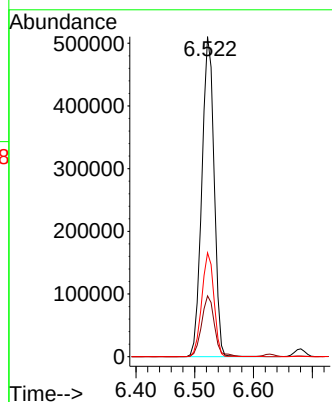
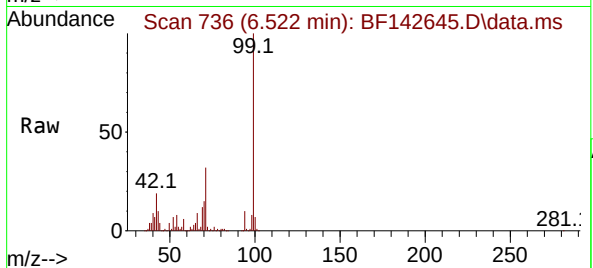


#7
Phenol-d6
Concen: 85.363 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

Tgt Ion: 99 Resp: 738658

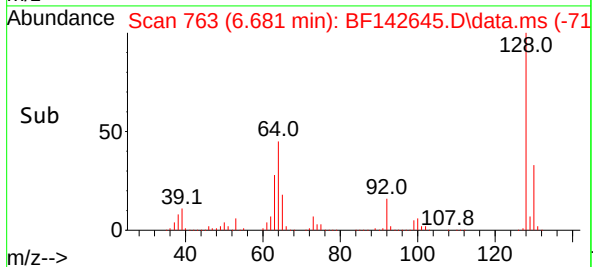
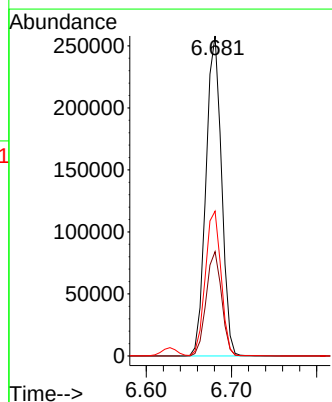
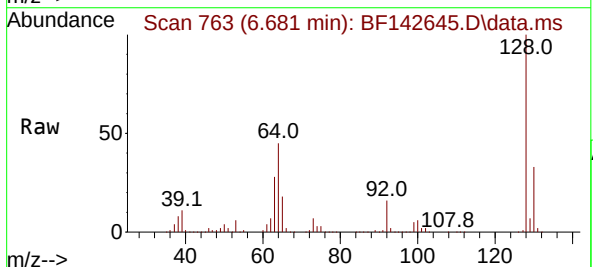
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	32.5	27.3	40.9

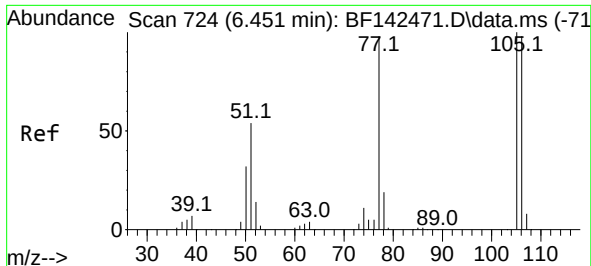


#8
2-Chlorophenol
Concen: 41.892 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:128 Resp: 328000

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	45.2	25.1	65.1

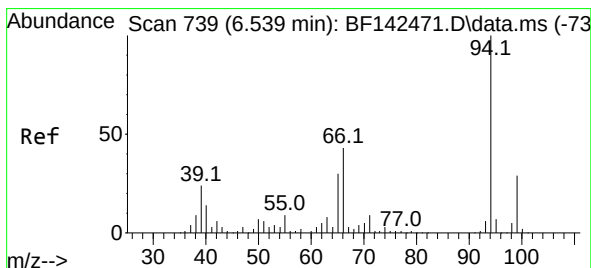
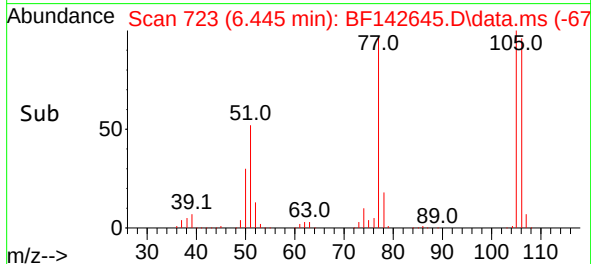
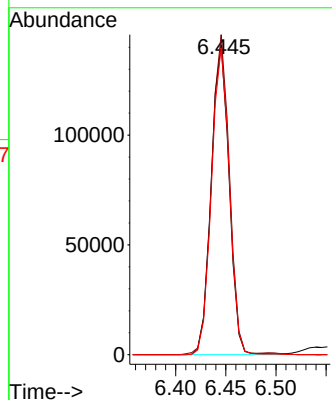
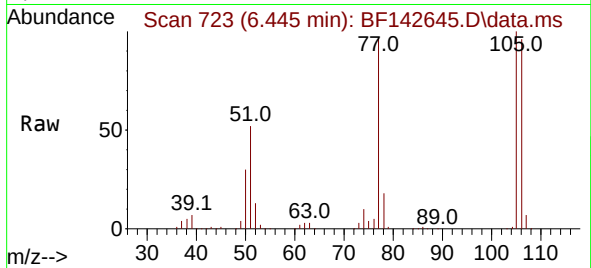




#9
Benzaldehyde
Concen: 33.640 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

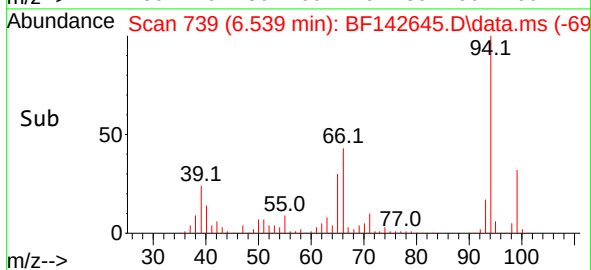
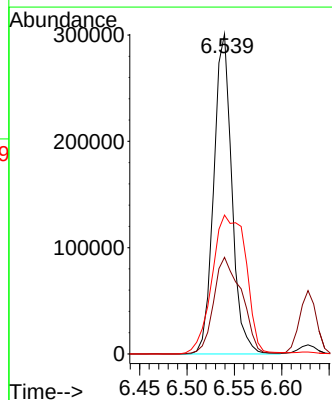
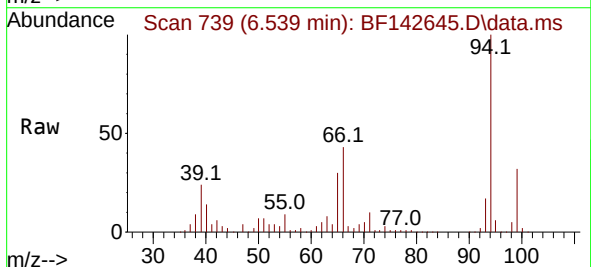
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ClientSampleId :
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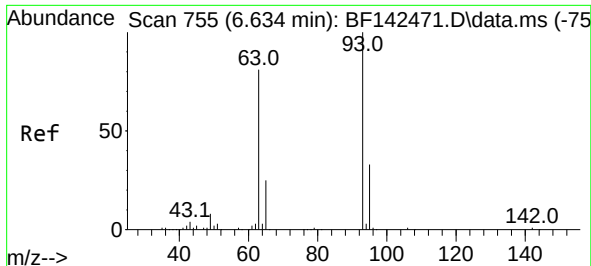
Tgt Ion: 77 Resp: 175080
Ion Ratio Lower Upper
77 100
105 103.3 82.5 122.5
106 99.0 80.0 120.0



#10
Phenol
Concen: 41.076 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion: 94 Resp: 399941
Ion Ratio Lower Upper
94 100
65 30.2 10.3 50.3
66 43.4 22.6 62.6

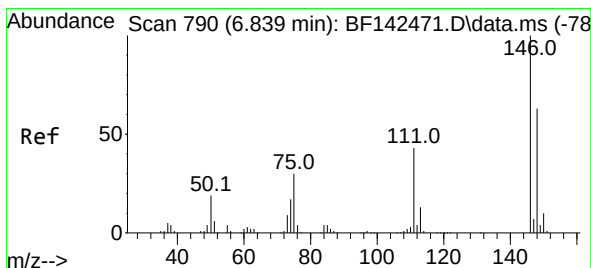
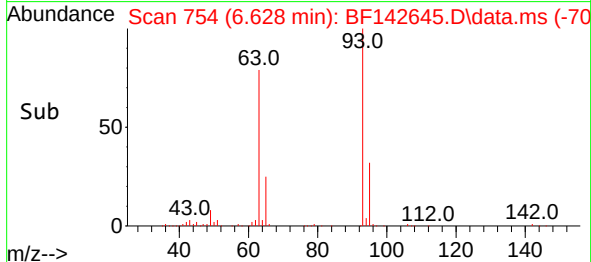
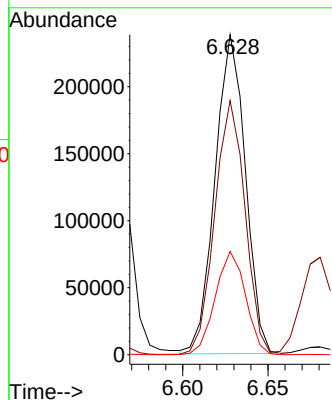
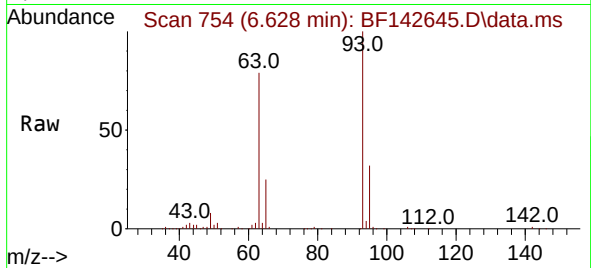




#11
bis(2-Chloroethyl)ether
Concen: 42.098 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

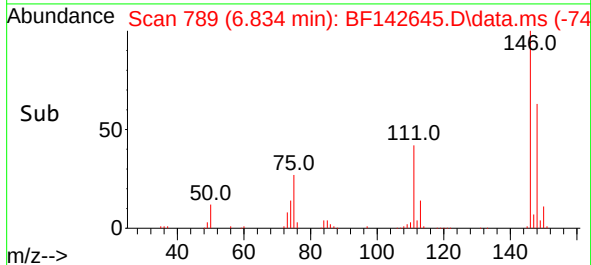
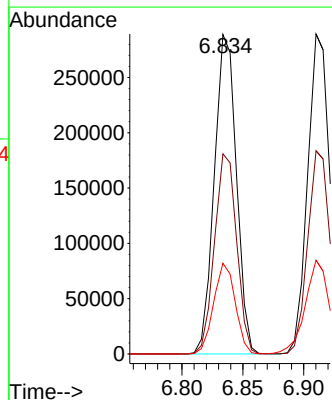
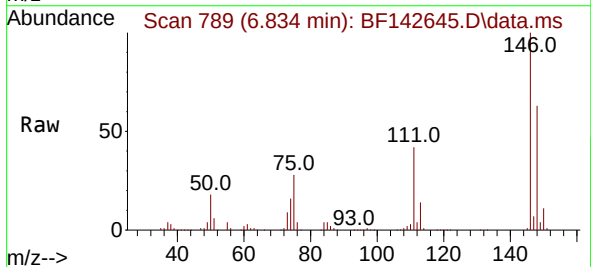
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

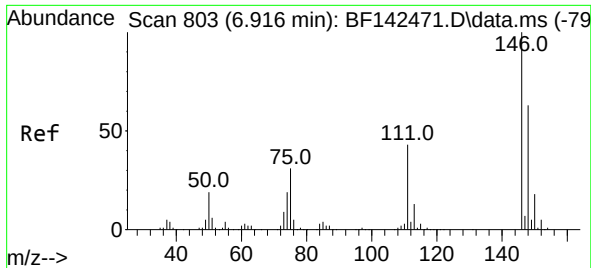
Tgt Ion: 93 Resp: 295054
Ion Ratio Lower Upper
93 100
63 79.4 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.702 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:146 Resp: 364343
Ion Ratio Lower Upper
146 100
148 62.6 50.6 75.8
75 28.4 23.8 35.6

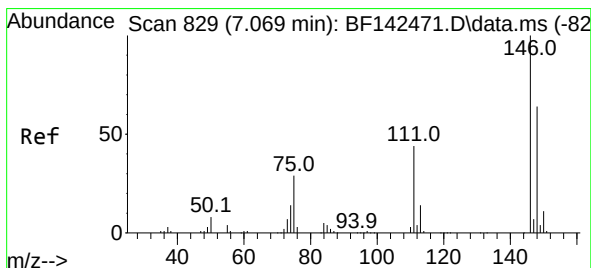
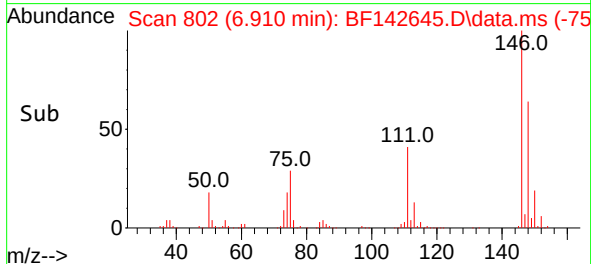
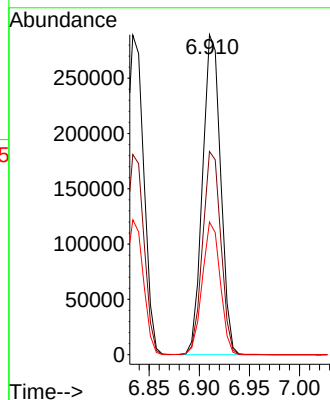
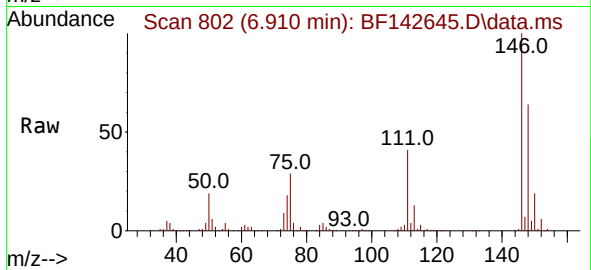




#13
1,4-Dichlorobenzene
Concen: 41.396 ng
RT: 6.910 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

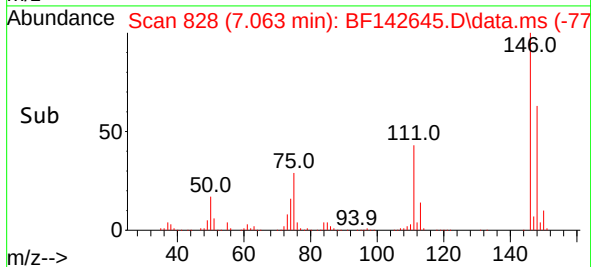
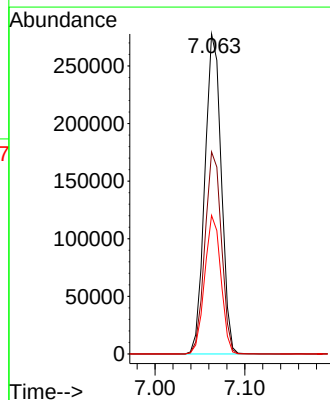
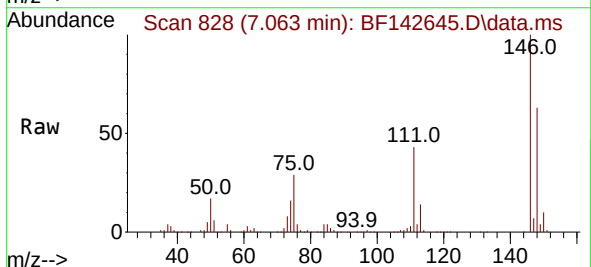
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

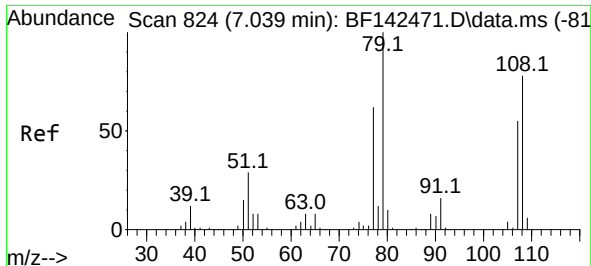
Tgt Ion:146 Resp: 364313
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 41.4 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 41.815 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:146 Resp: 352132
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
111 43.3 35.0 52.6

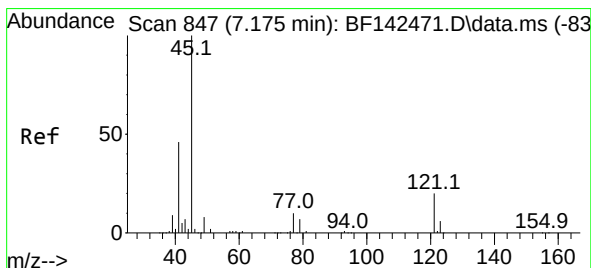
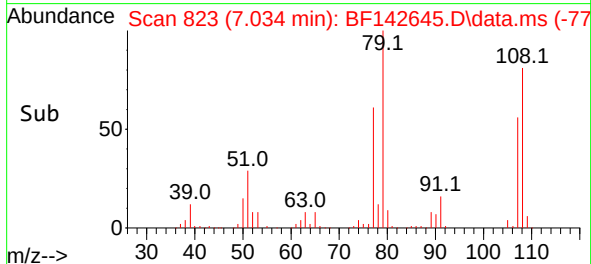
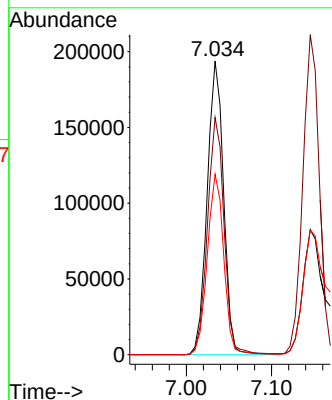
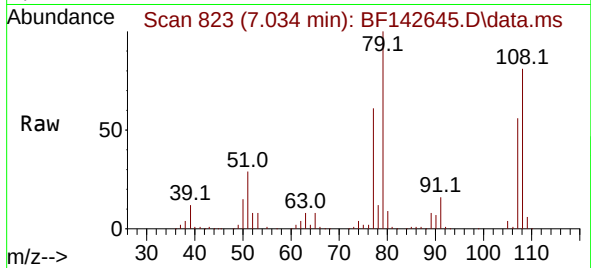




#15
Benzyl Alcohol
Concen: 40.568 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

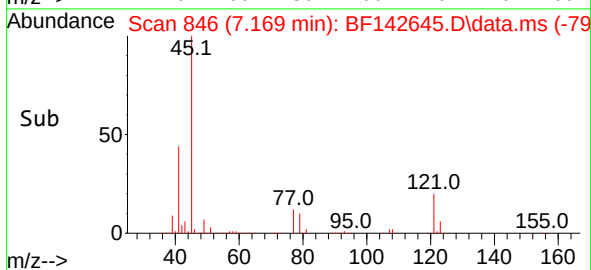
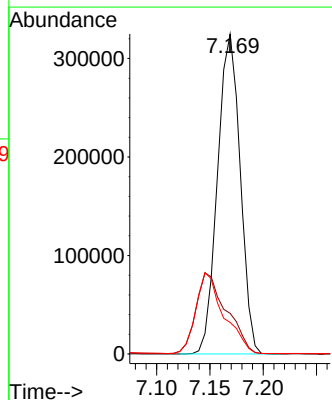
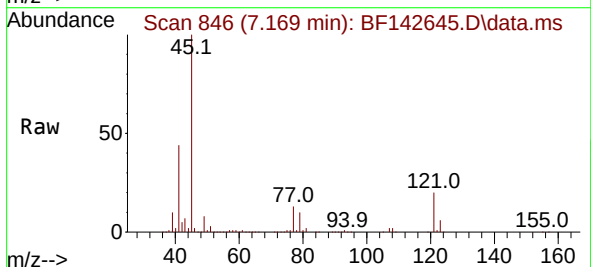
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

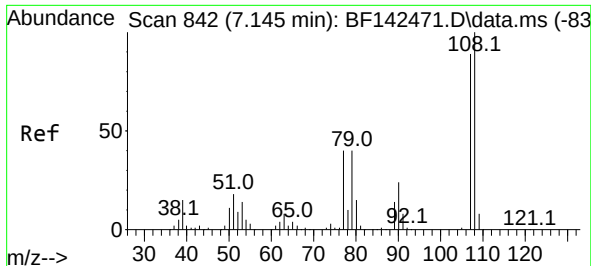
Tgt Ion: 79 Resp: 259417
Ion Ratio Lower Upper
79 100
108 80.8 62.1 93.1
77 61.5 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.752 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion: 45 Resp: 479651
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.0
79 9.9 0.0 29.2

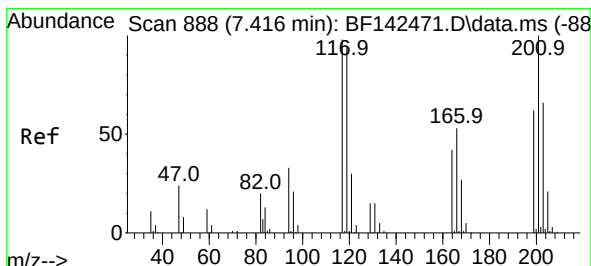
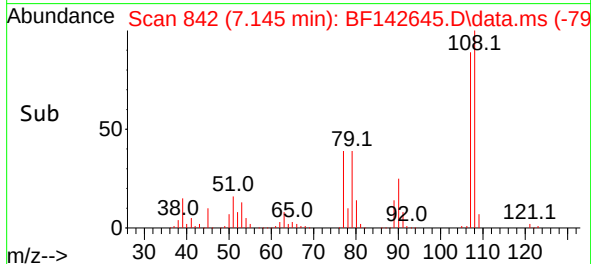
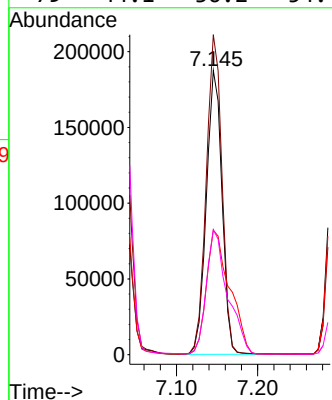
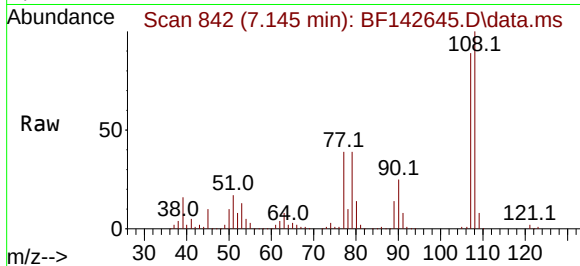




#17
2-Methylphenol
Concen: 40.966 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

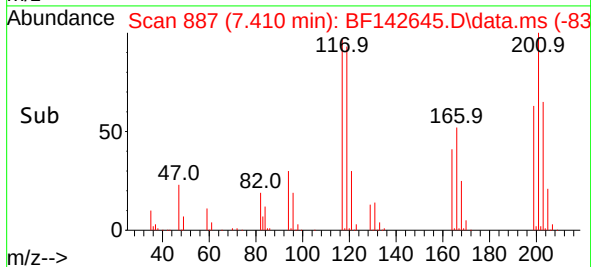
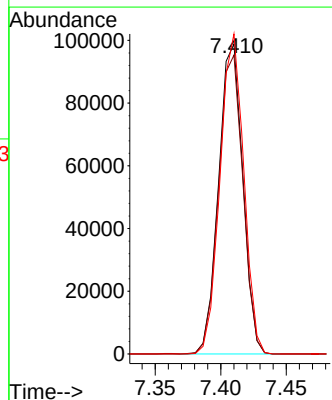
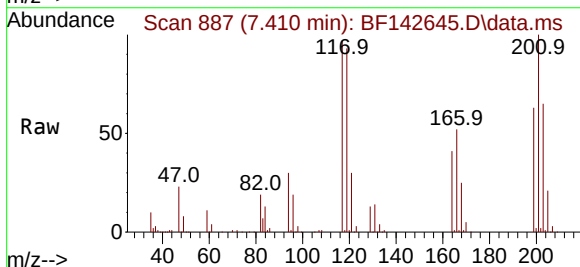
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

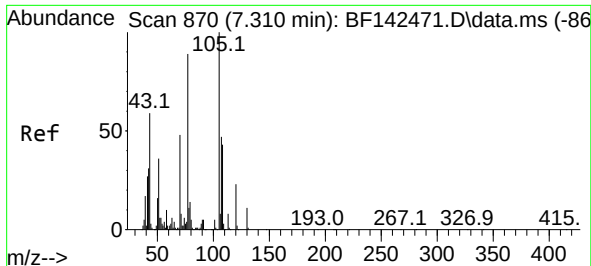
Tgt Ion:	107	Resp:	250427
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.2	135.2
77	43.8	36.1	54.1
79	44.1	36.2	54.4



#18
Hexachloroethane
Concen: 41.352 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:	117	Resp:	127078
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	103.2	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.577 ng

RT: 7.304 min Scan# 8

Delta R.T. -0.023 min

Lab File: BF142645.D

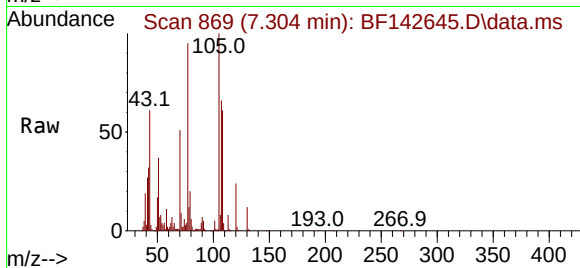
Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD



Tgt Ion: 70 Resp: 206881

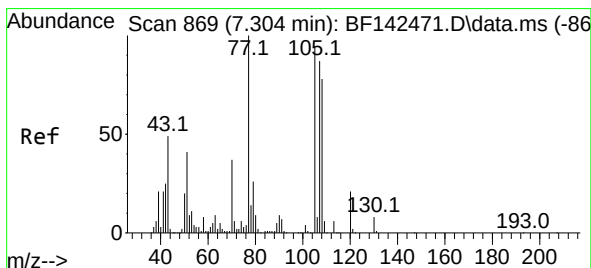
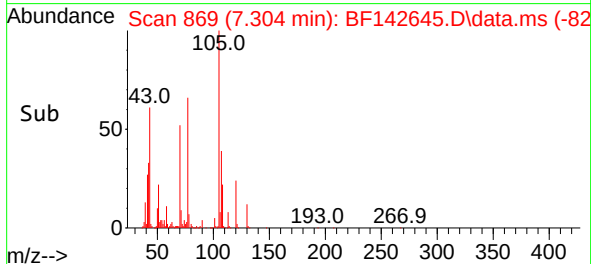
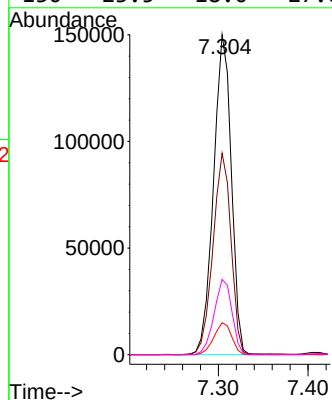
Ion Ratio Lower Upper

70 100

42 62.9 52.4 78.6

101 10.0 7.8 11.8

130 23.5 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.484 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Tgt Ion: 107 Resp: 301265

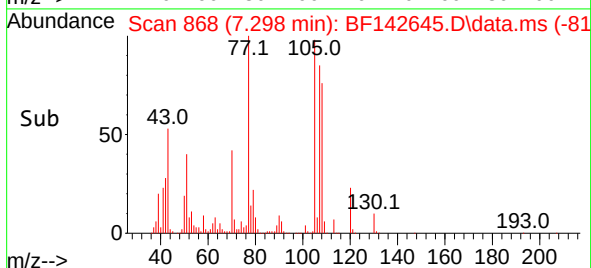
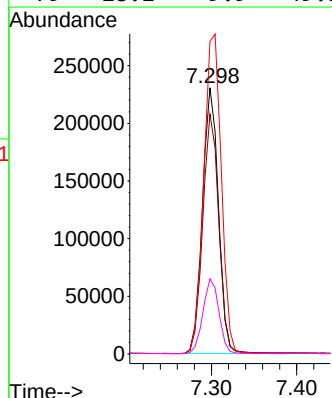
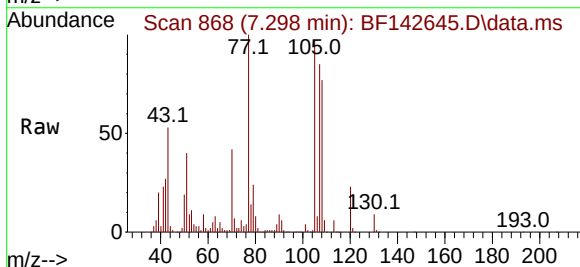
Ion Ratio Lower Upper

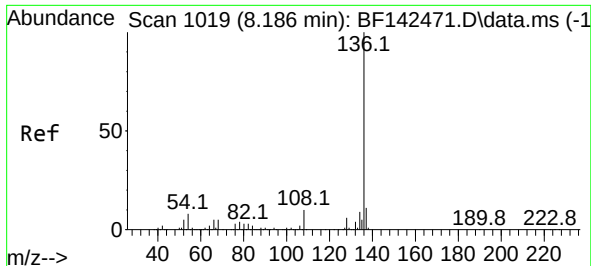
107 100

108 90.0 70.4 110.4

77 117.4 95.4 135.4

79 28.2 9.9 49.9

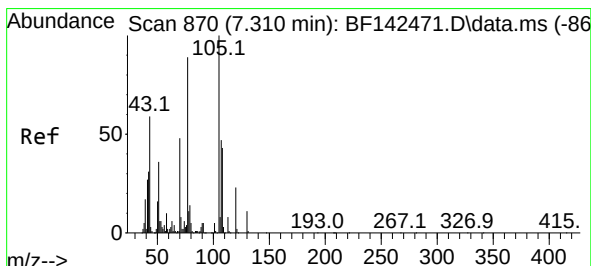
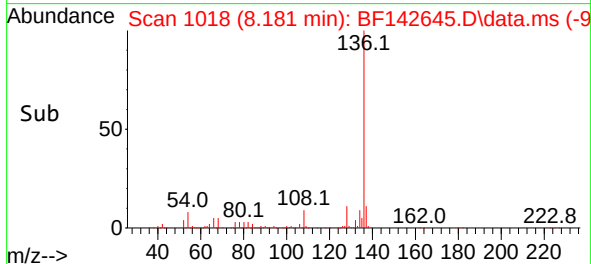
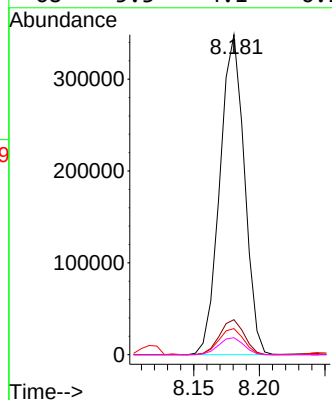
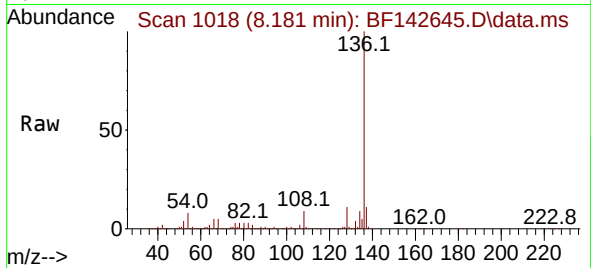




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

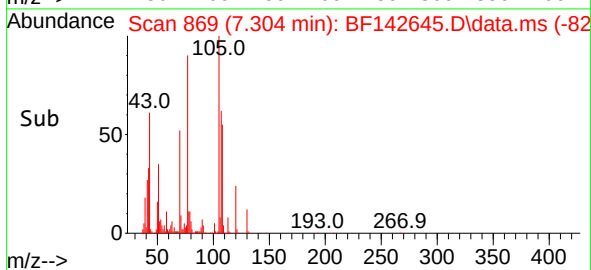
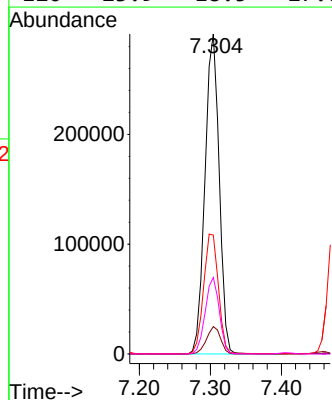
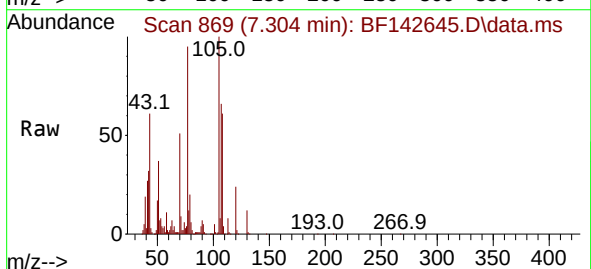
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

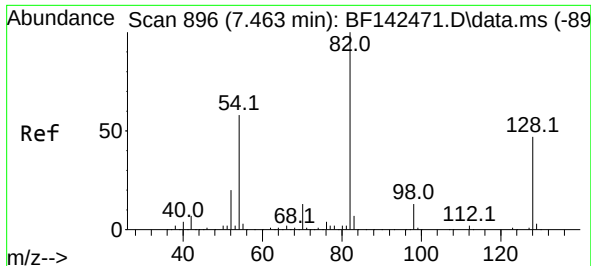
Tgt Ion:136 Resp: 452734
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 40.573 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:105 Resp: 406630
Ion Ratio Lower Upper
105 100
71 8.6 6.4 9.6
51 37.2 28.6 42.8
120 23.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 41.417 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

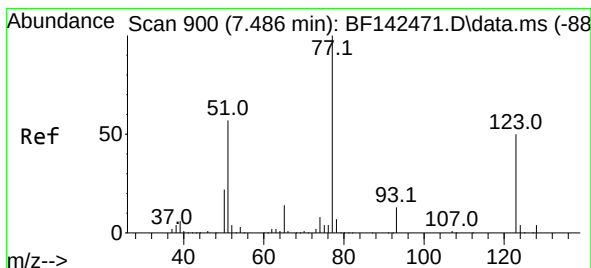
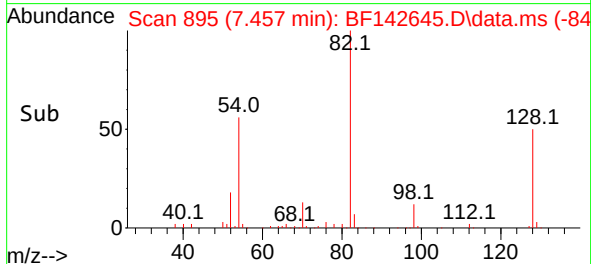
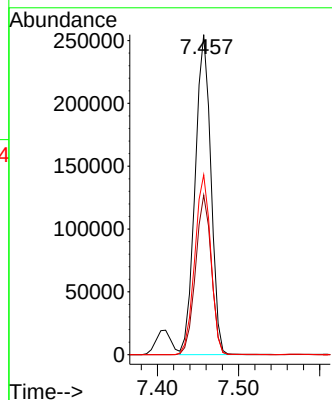
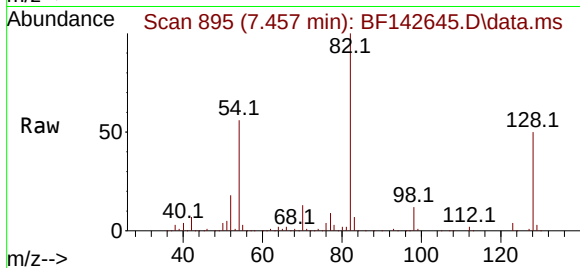
Tgt Ion: 82 Resp: 343873

Ion Ratio Lower Upper

82 100

128 49.9 37.4 56.2

54 56.2 46.6 70.0



#24

Nitrobenzene

Concen: 41.645 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

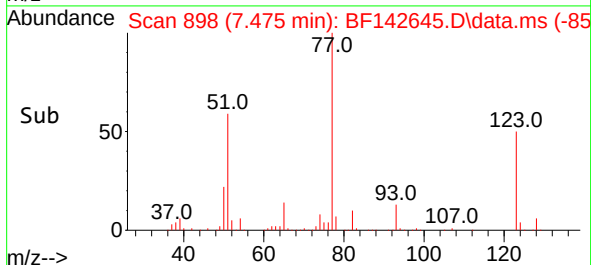
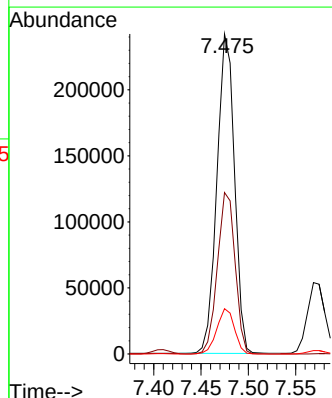
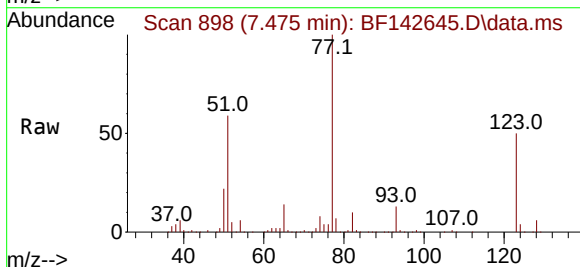
Tgt Ion: 77 Resp: 311851

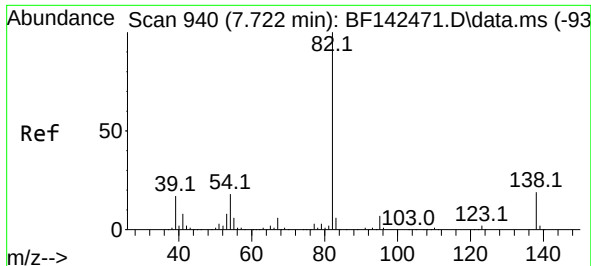
Ion Ratio Lower Upper

77 100

123 50.4 40.6 61.0

65 14.2 11.4 17.2

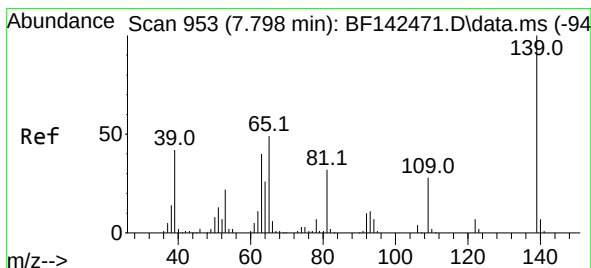
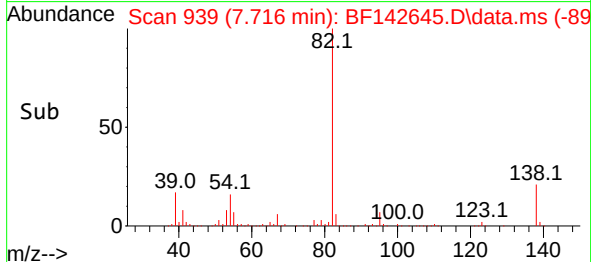
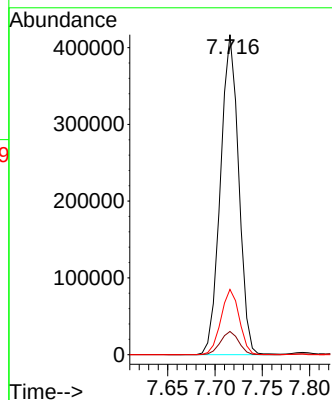
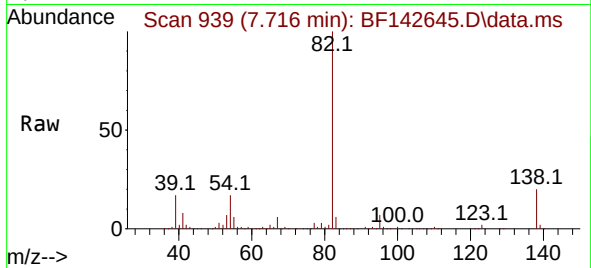




#25
Isophorone
Concen: 40.274 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

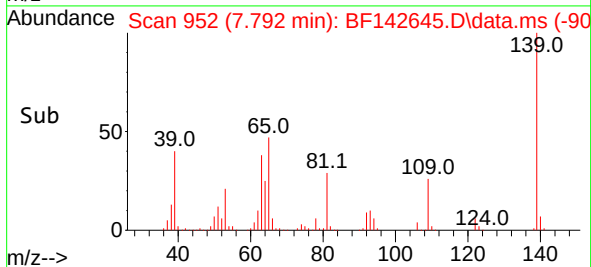
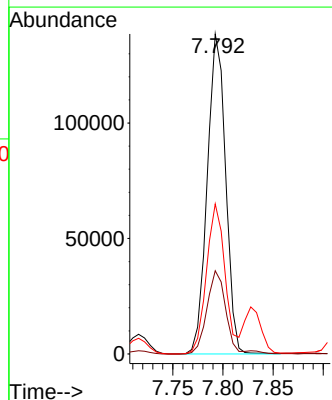
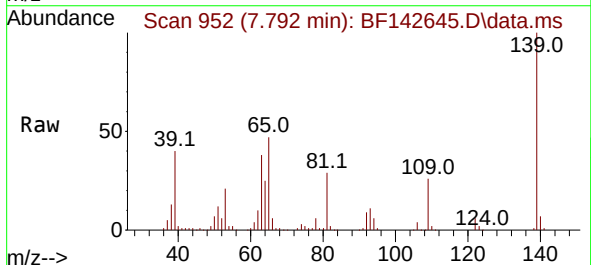
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

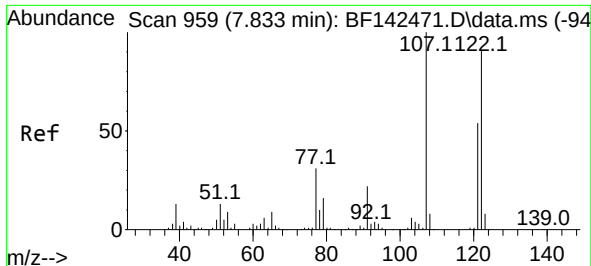
Tgt Ion: 82 Resp: 559057
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 44.332 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:139 Resp: 177383
Ion Ratio Lower Upper
139 100
109 26.0 22.6 33.8
65 46.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.186 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142645.D

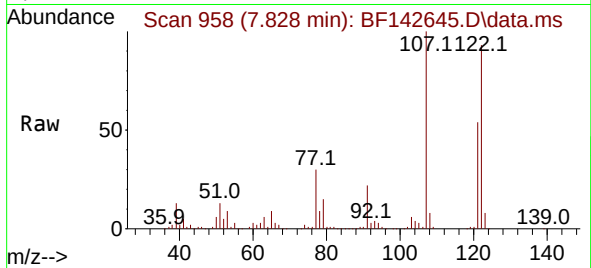
Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD



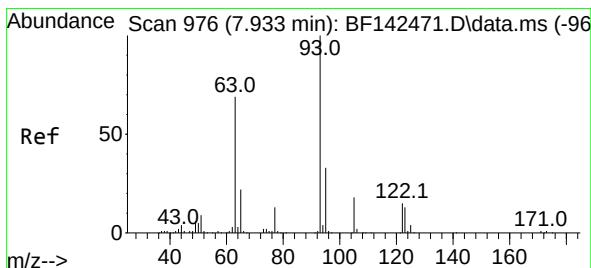
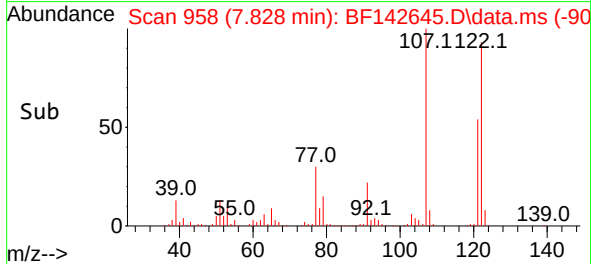
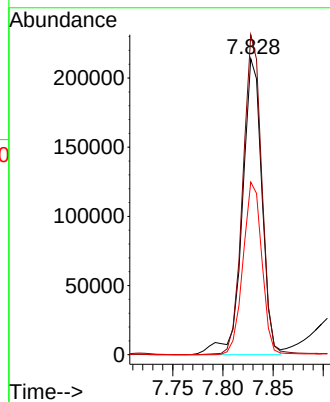
Tgt Ion:122 Resp: 290620

Ion Ratio Lower Upper

122 100

107 108.1 88.1 132.1

121 58.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.392 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

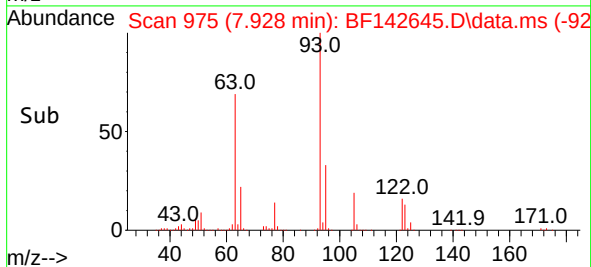
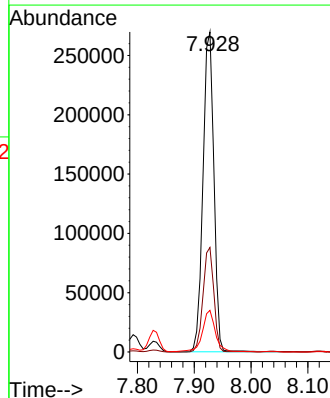
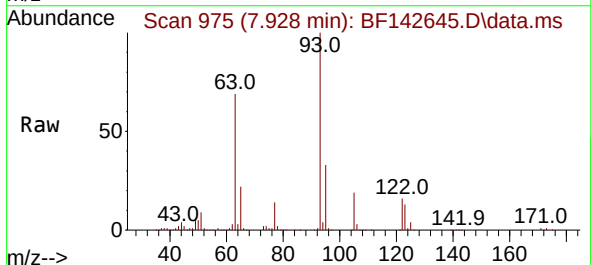
Tgt Ion: 93 Resp: 358932

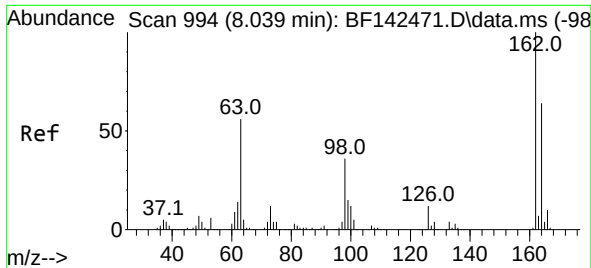
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.787 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

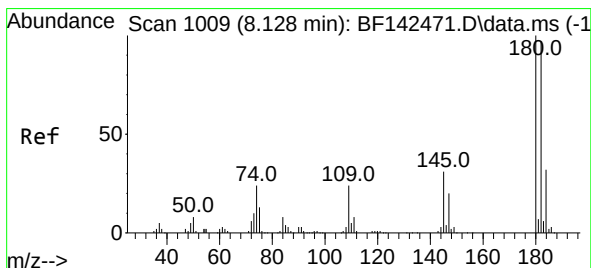
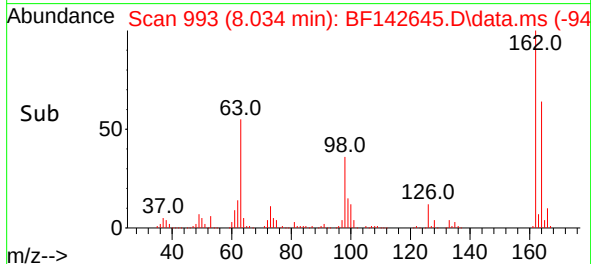
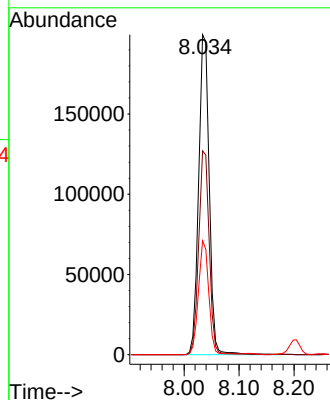
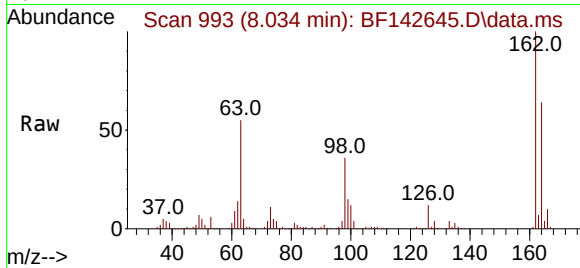
Tgt Ion:162 Resp: 268153

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 35.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.459 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

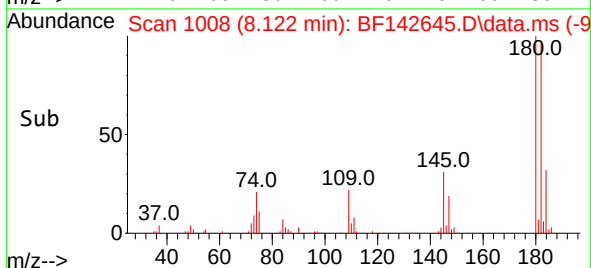
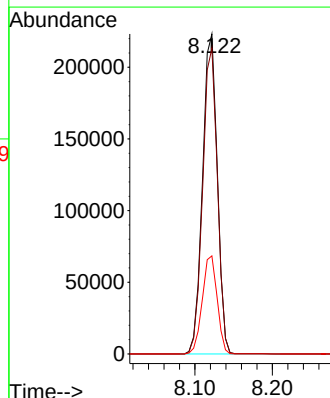
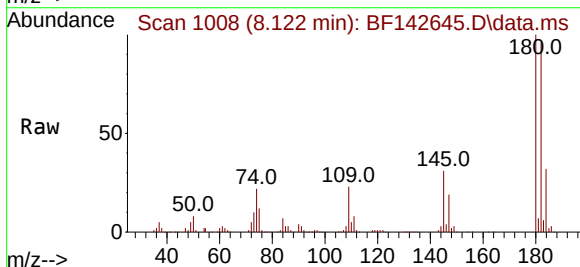
Tgt Ion:180 Resp: 295698

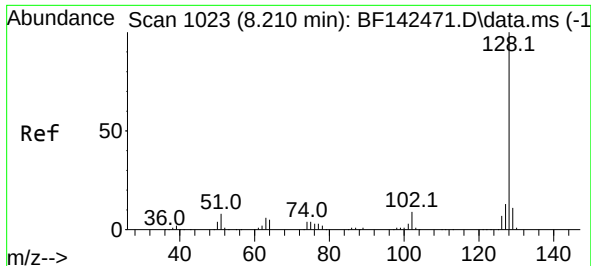
Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

145 30.6 25.0 37.6

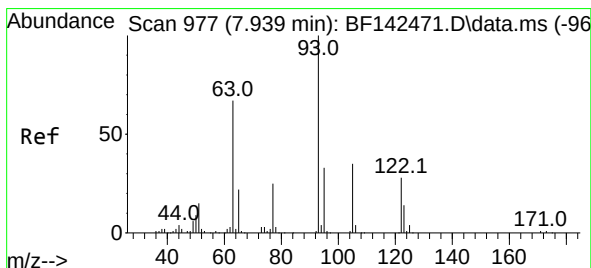
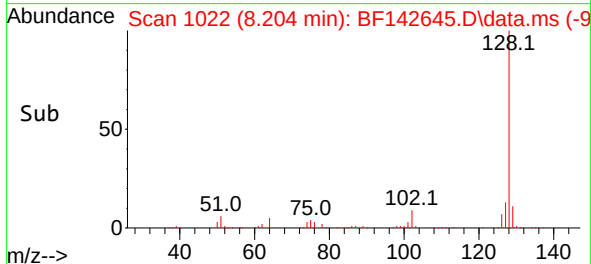
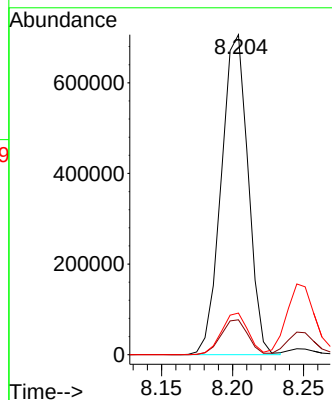
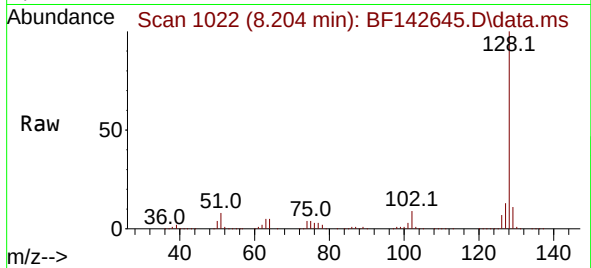




#31
Naphthalene
Concen: 41.624 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

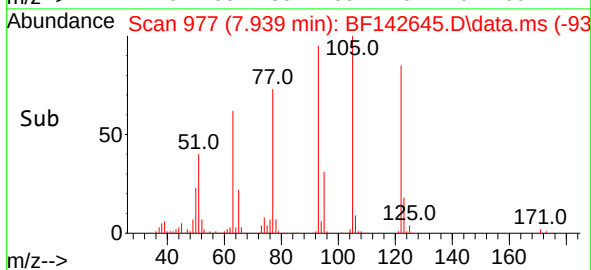
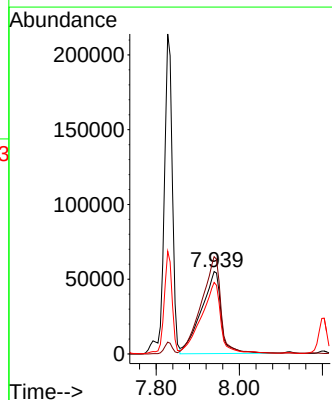
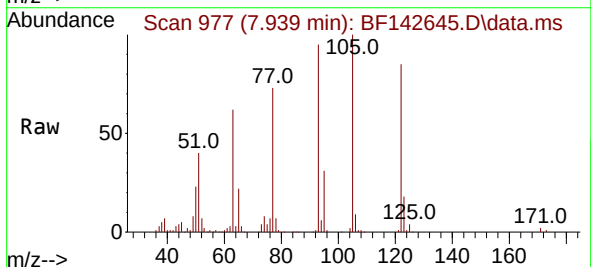
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

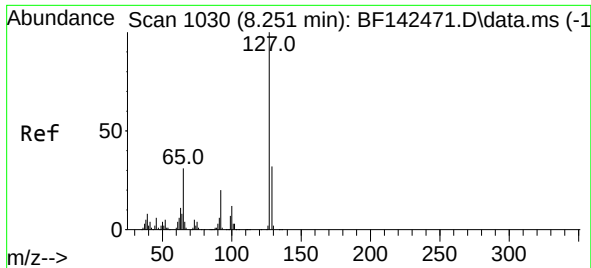
Tgt Ion:128 Resp: 927889
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 42.592 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:122 Resp: 182946
Ion Ratio Lower Upper
122 100
105 118.1 101.7 141.7
77 86.8 69.5 109.5

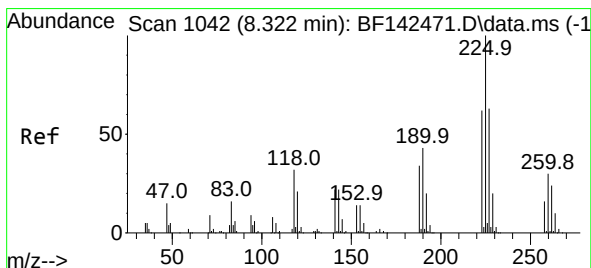
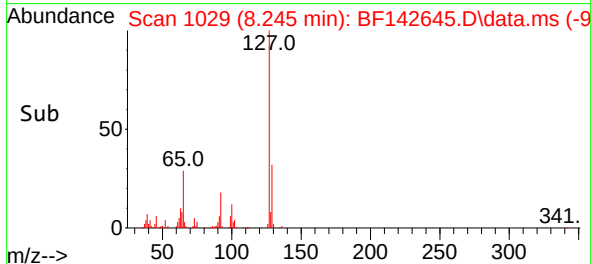
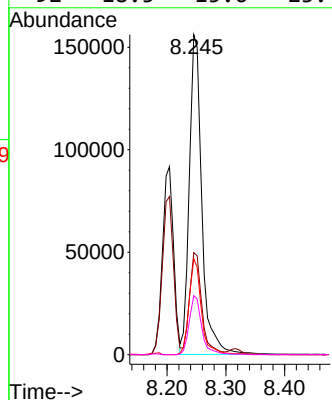
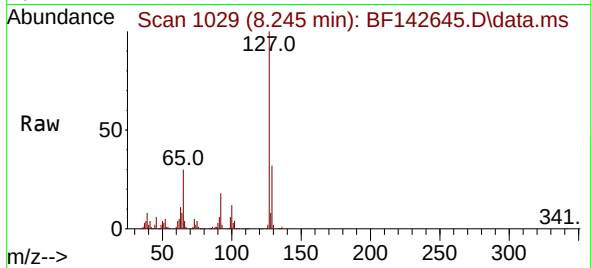




#33
4-Chloroaniline
Concen: 25.646 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

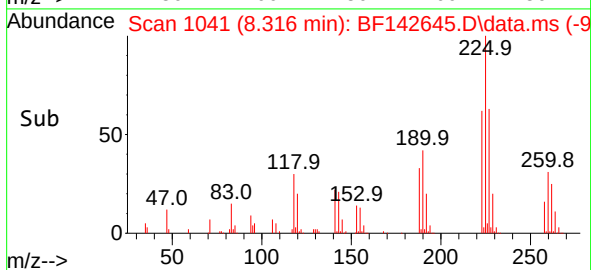
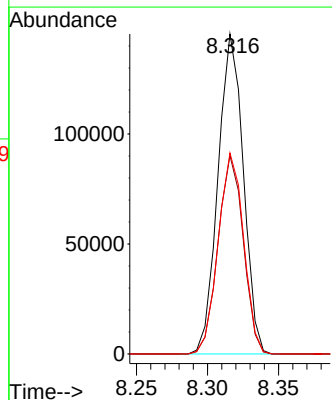
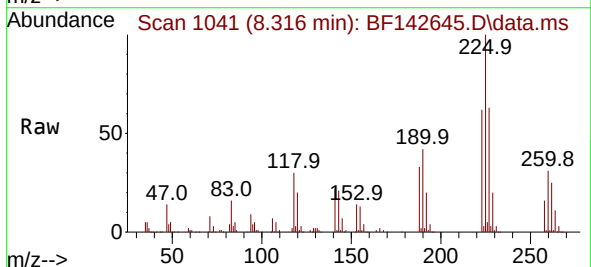
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

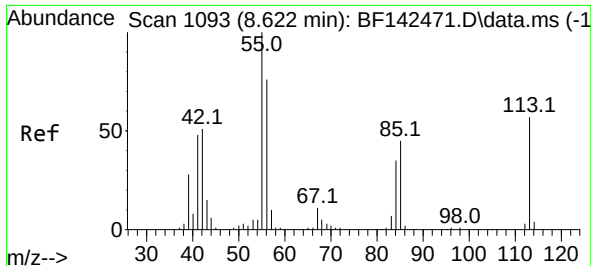
Tgt Ion:	127	Resp:	231659
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	29.9	24.9	37.3
92	18.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.443 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:	225	Resp:	180214
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	62.8	50.3	75.5

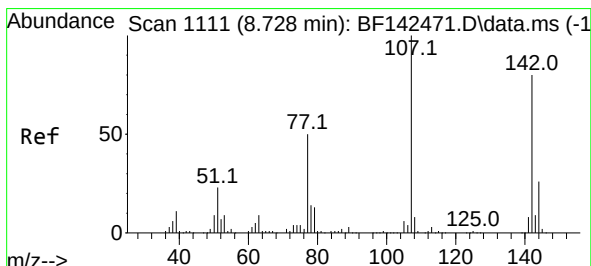
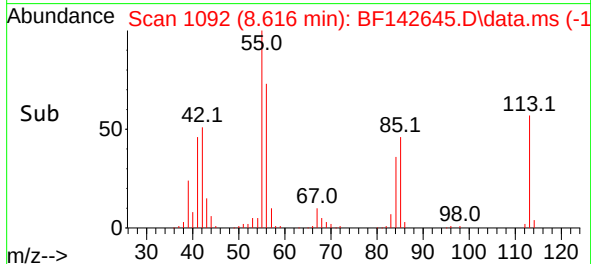
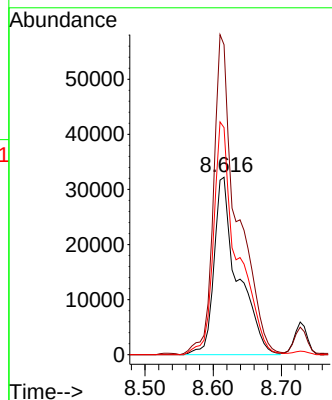
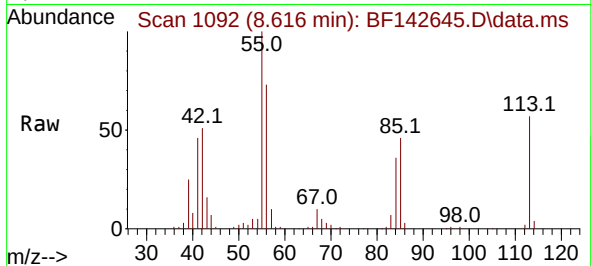




#35
 Caprolactam
 Concen: 43.046 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

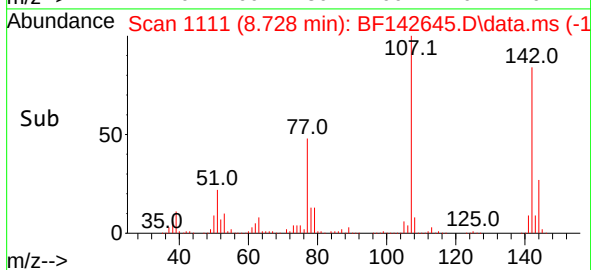
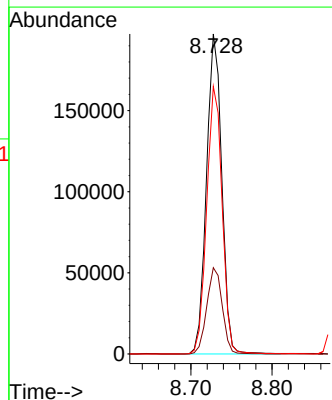
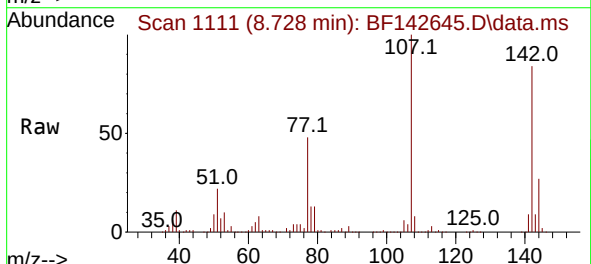
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MSD

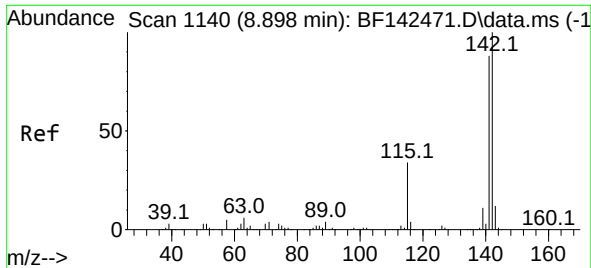
Tgt Ion:113 Resp: 77580
 Ion Ratio Lower Upper
 113 100
 55 174.7 154.7 194.7
 56 128.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.063 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

Tgt Ion:107 Resp: 256893
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.9 31.3
 142 83.6 64.2 96.2

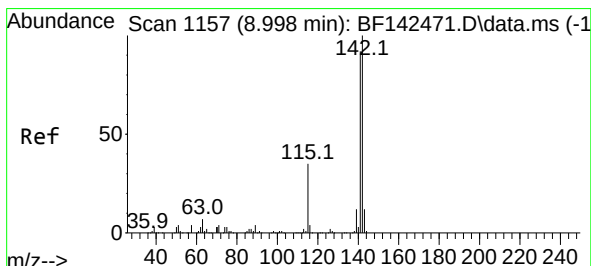
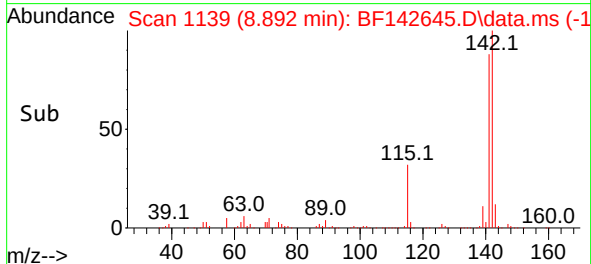
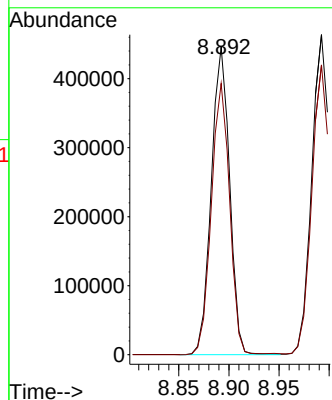
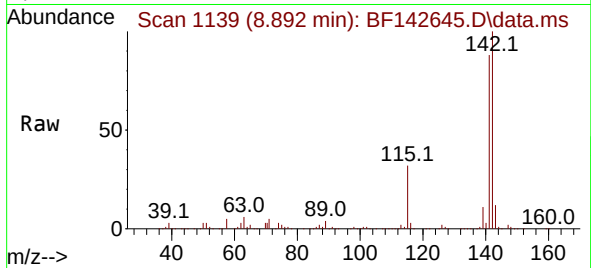




#37
2-Methylnaphthalene
Concen: 40.349 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

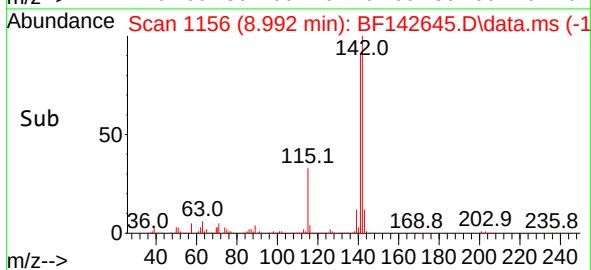
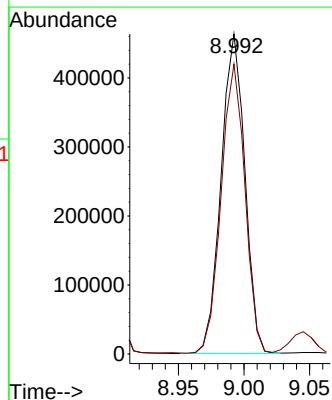
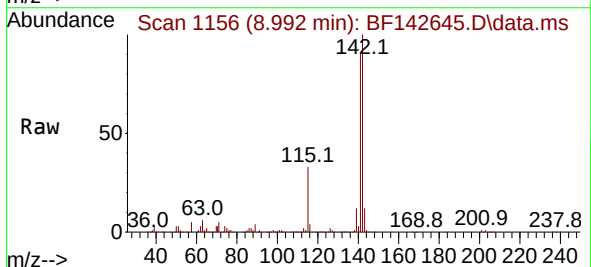
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

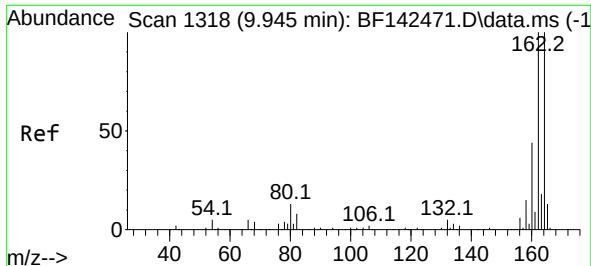
Tgt Ion:142 Resp: 565877
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.194 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:142 Resp: 583083
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

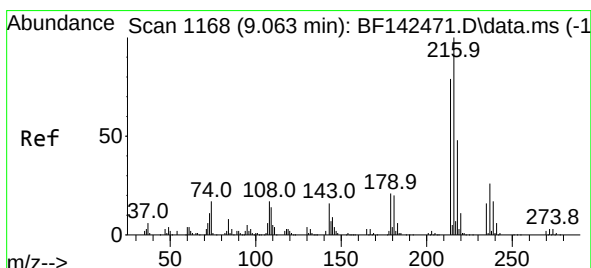
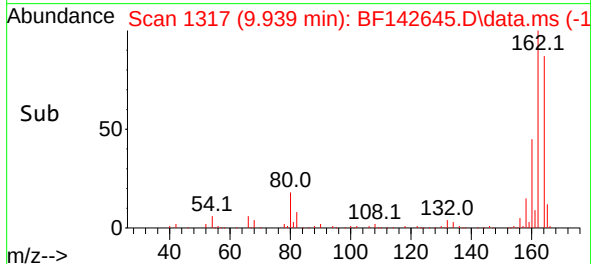
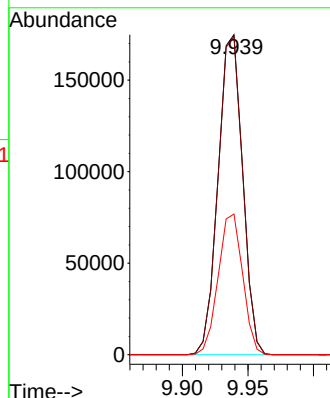
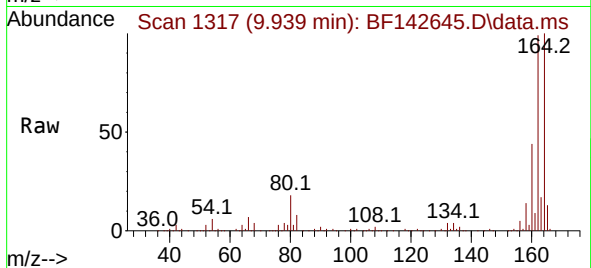
Tgt Ion:164 Resp: 227605

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.4

160 43.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.310 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Tgt Ion:216 Resp: 289504

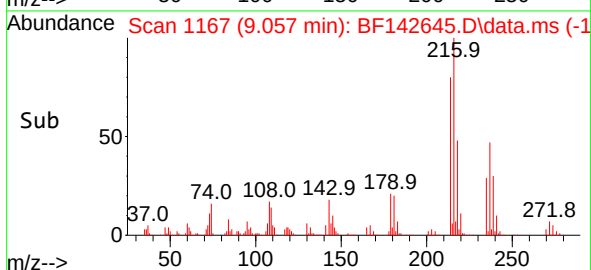
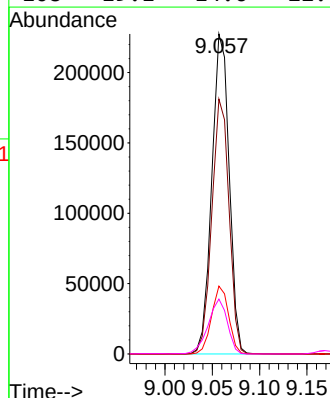
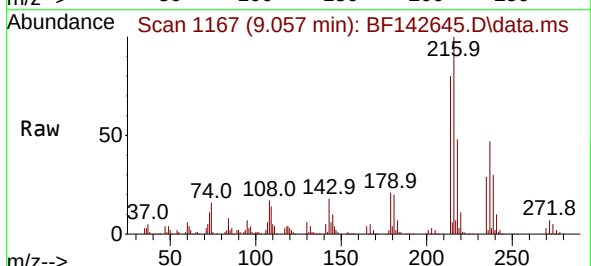
Ion Ratio Lower Upper

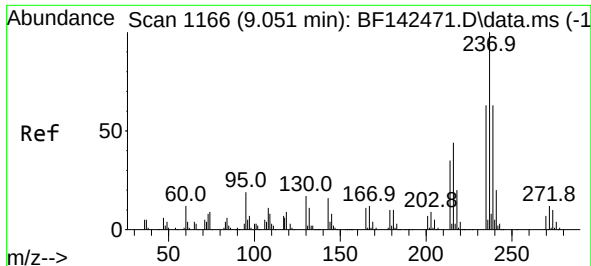
216 100

214 79.1 62.9 94.3

179 20.8 16.9 25.3

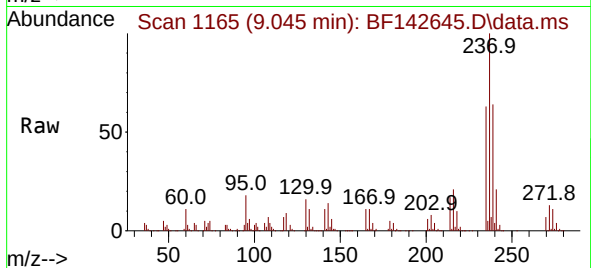
108 19.1 14.6 22.0



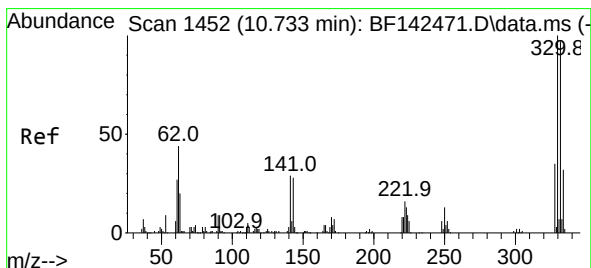
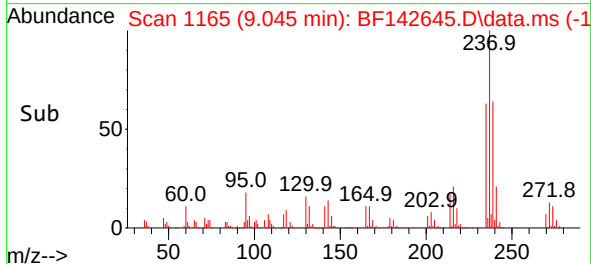
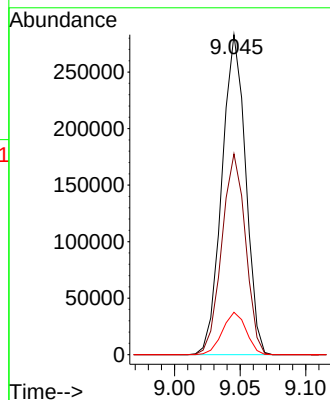


#41
Hexachlorocyclopentadiene
Concen: 80.728 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

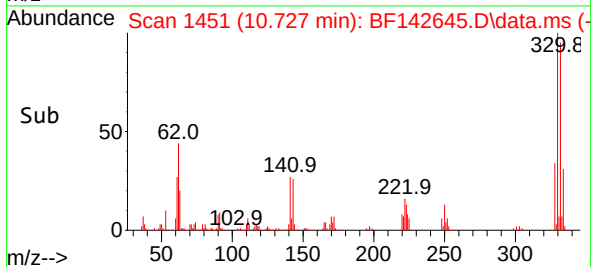
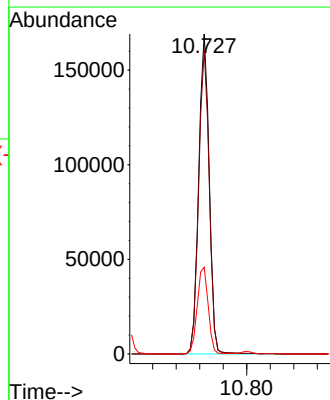
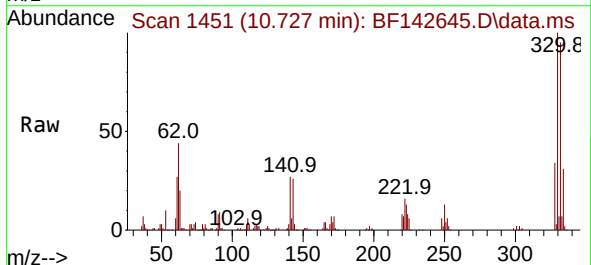


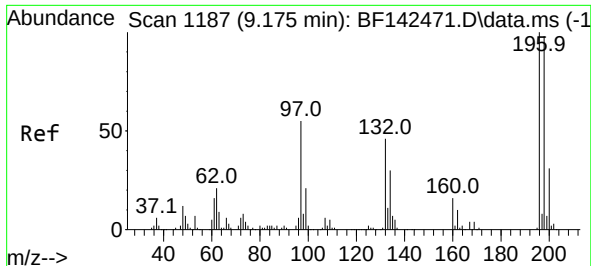
Tgt Ion:237 Resp: 355807
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 13.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 83.141 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:330 Resp: 210025
Ion Ratio Lower Upper
330 100
332 95.0 77.6 116.4
141 28.3 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 42.380 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

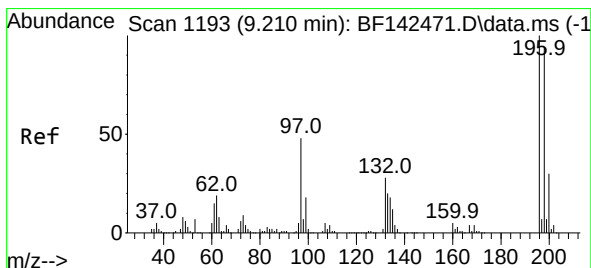
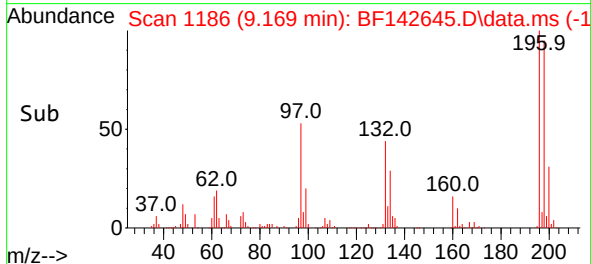
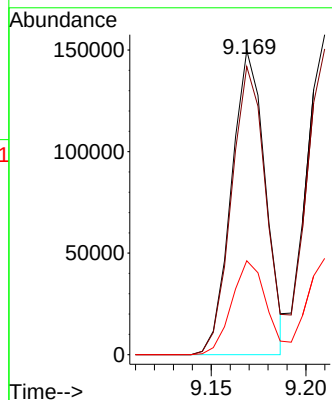
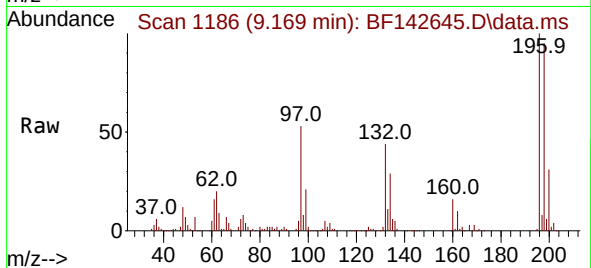
Tgt Ion:196 Resp: 186712

Ion Ratio Lower Upper

196 100

198 94.7 78.8 118.2

200 30.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.874 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Tgt Ion:196 Resp: 199213

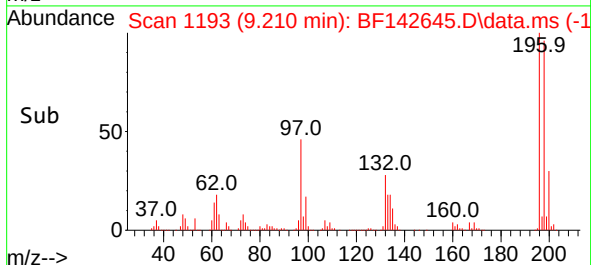
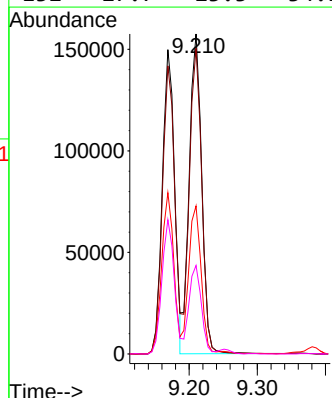
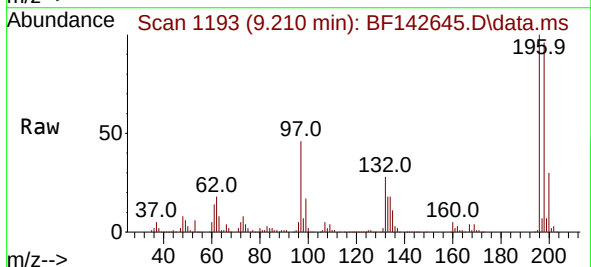
Ion Ratio Lower Upper

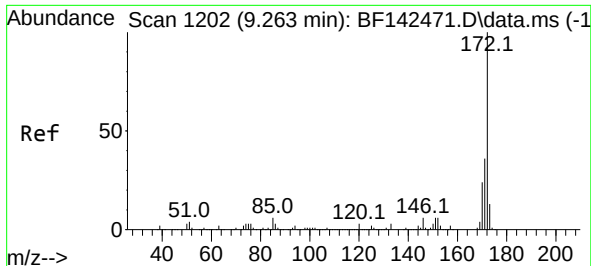
196 100

198 95.5 75.5 113.3

97 46.3 39.3 58.9

132 27.7 23.3 34.9

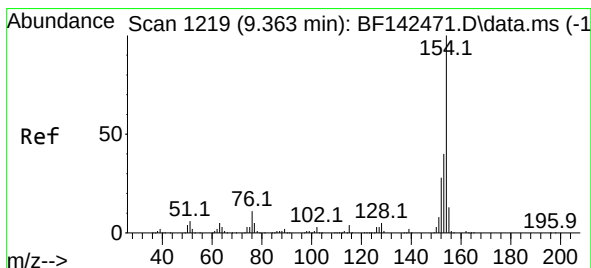
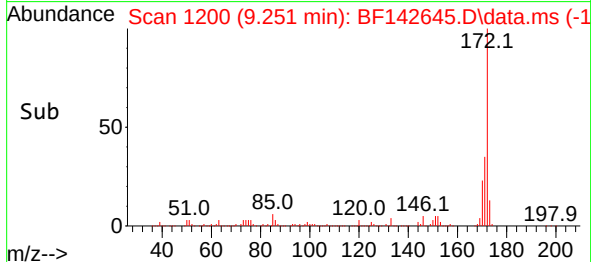
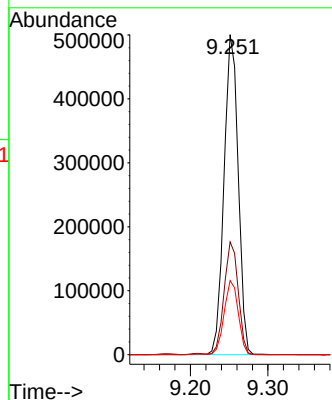
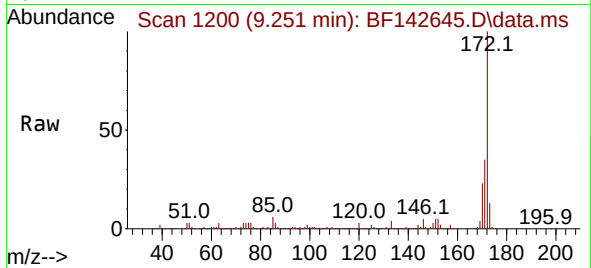




#45
2-Fluorobiphenyl
Concen: 37.531 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

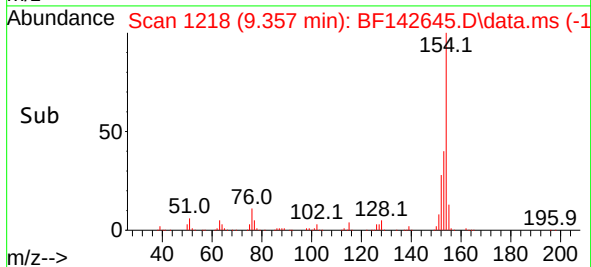
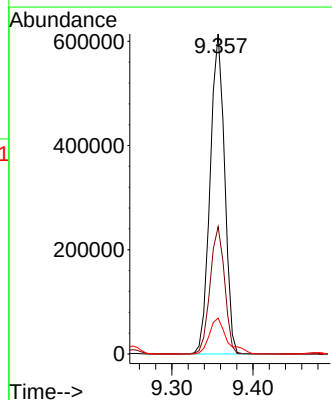
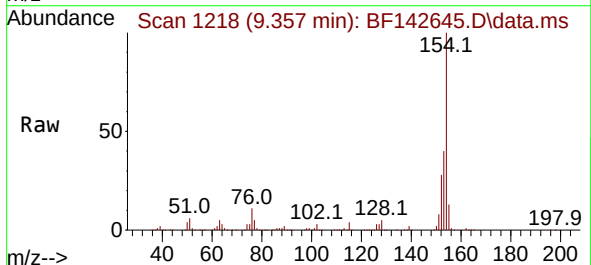
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

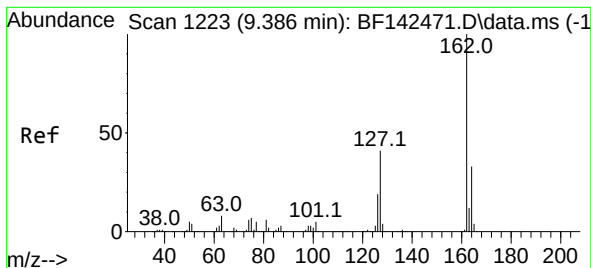
Tgt Ion:172 Resp: 636592
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.921 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:154 Resp: 757895
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.396 ng

RT: 9.380 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

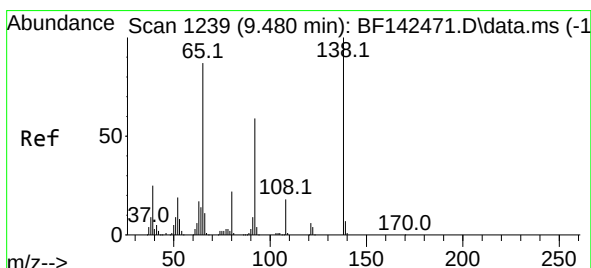
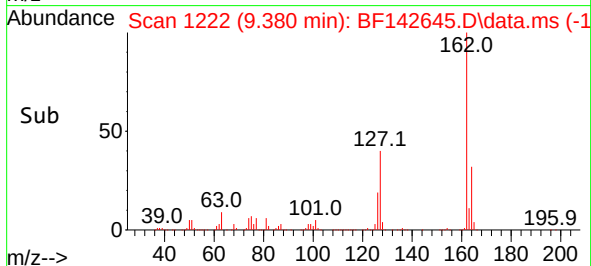
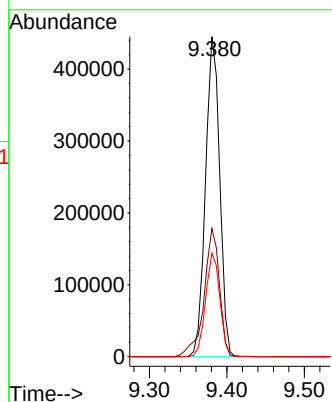
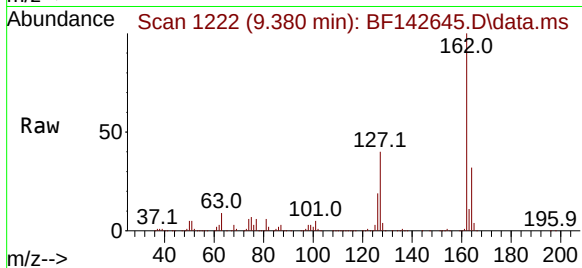
Tgt Ion:162 Resp: 566164

Ion Ratio Lower Upper

162 100

127 40.0 33.5 50.3

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 42.255 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

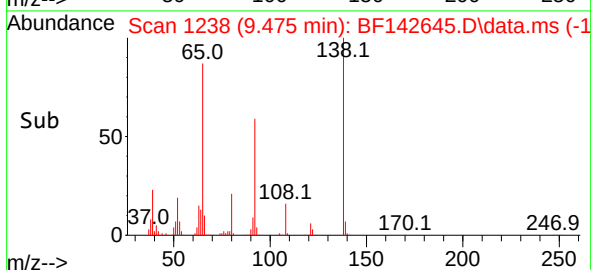
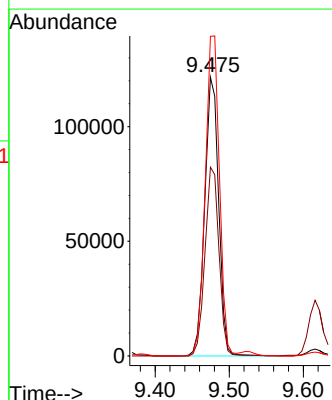
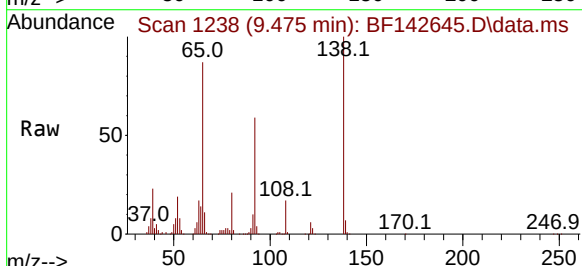
Tgt Ion: 65 Resp: 159341

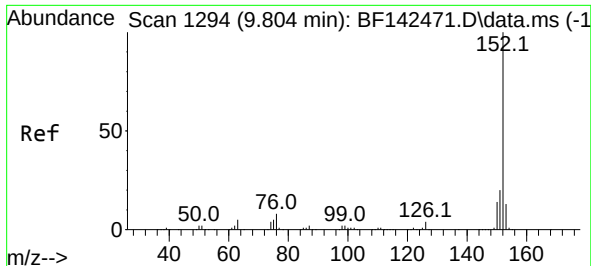
Ion Ratio Lower Upper

65 100

92 67.8 54.4 81.6

138 114.7 91.4 137.2

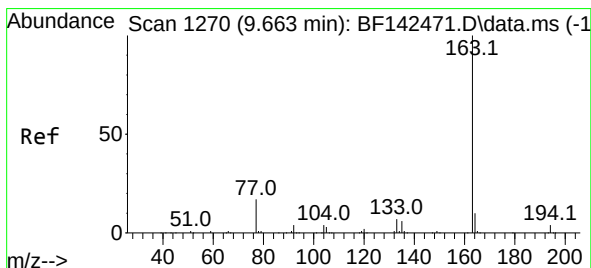
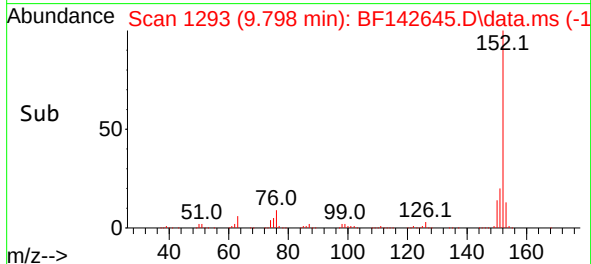
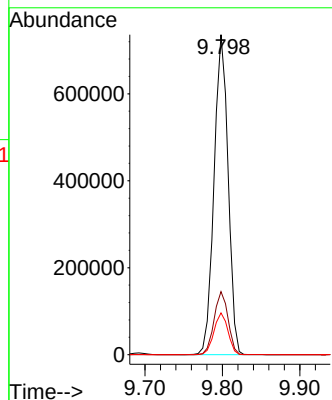
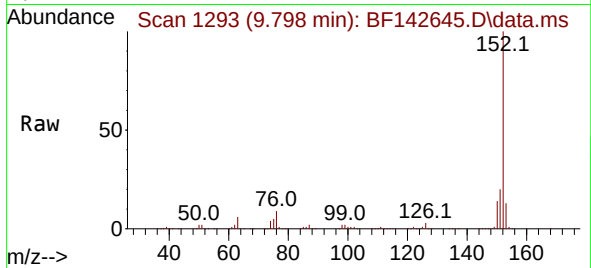




#49
Acenaphthylene
Concen: 42.045 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

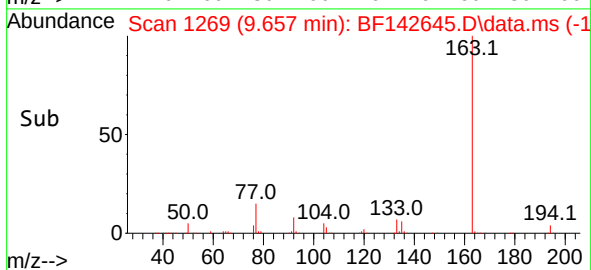
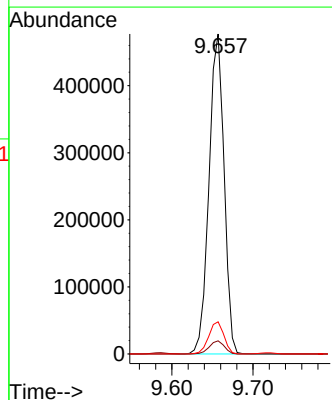
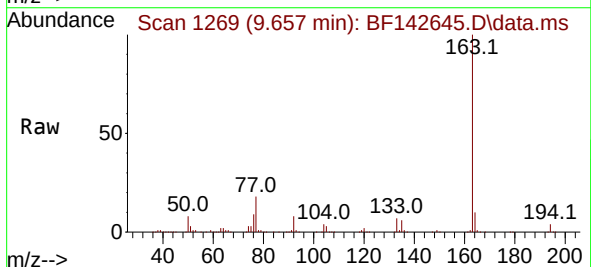
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

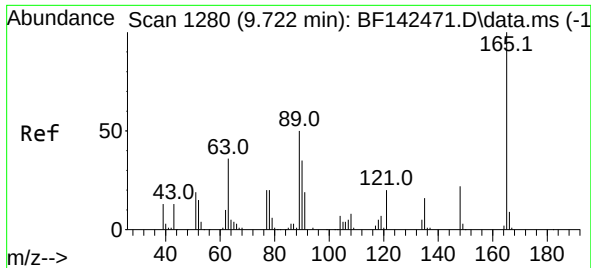
Tgt Ion:152 Resp: 926243
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.937 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:163 Resp: 614791
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.4

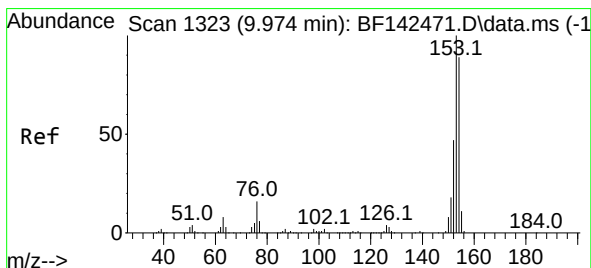
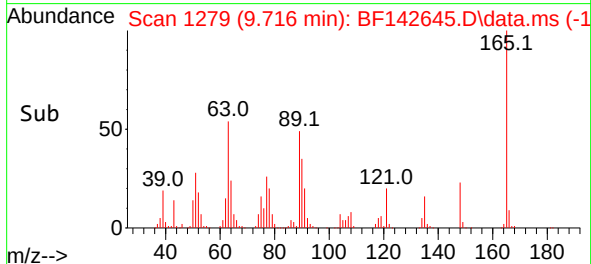
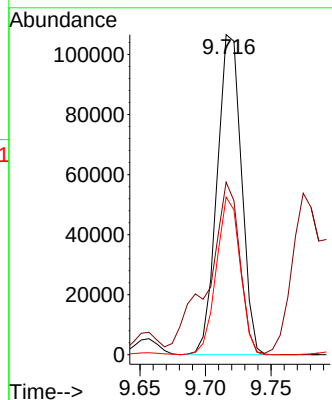
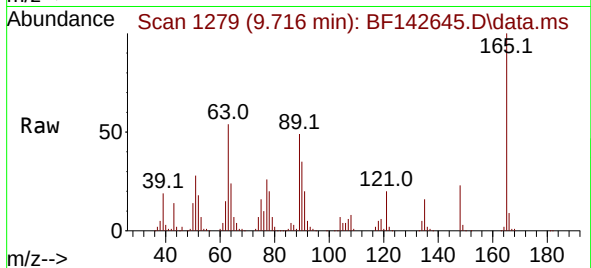




#51
2,6-Dinitrotoluene
Concen: 42.435 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

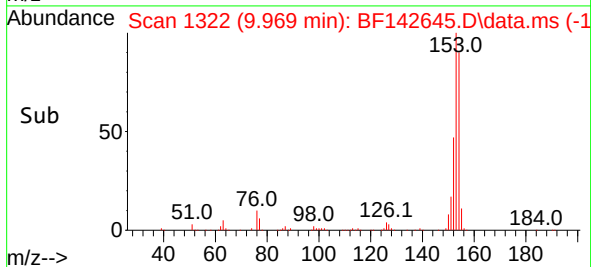
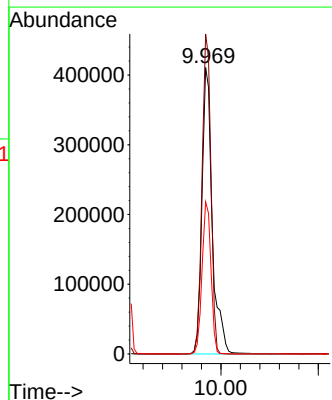
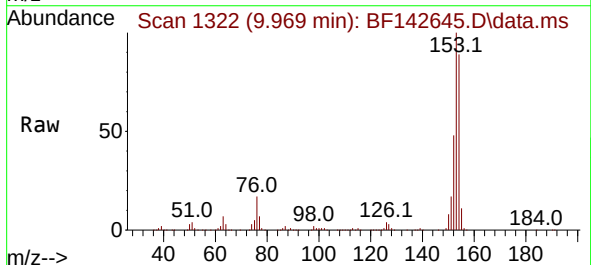
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

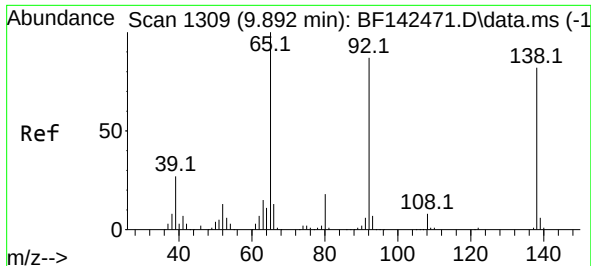
Tgt Ion:165 Resp: 137549
Ion Ratio Lower Upper
165 100
63 53.9 42.9 64.3
89 49.2 40.2 60.4



#52
Acenaphthene
Concen: 45.004 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:154 Resp: 605390
Ion Ratio Lower Upper
154 100
153 111.7 90.0 135.0
152 53.1 42.6 64.0

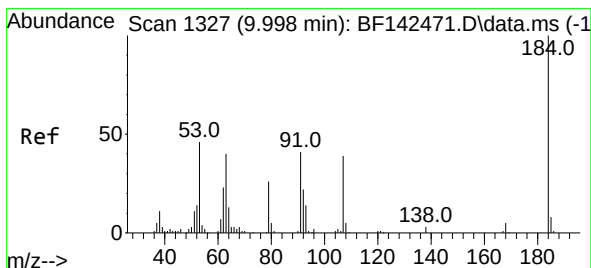
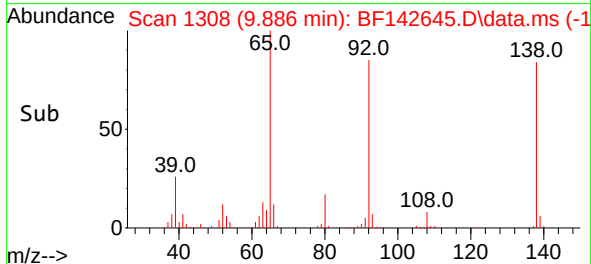
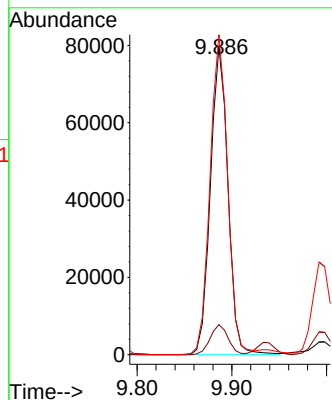
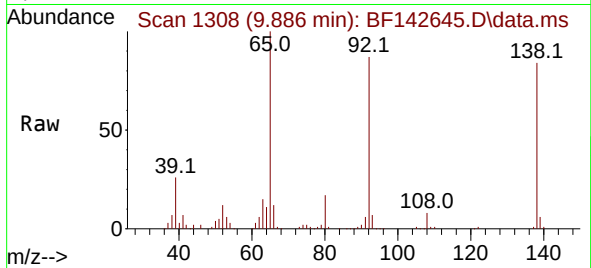




#53
3-Nitroaniline
Concen: 28.942 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

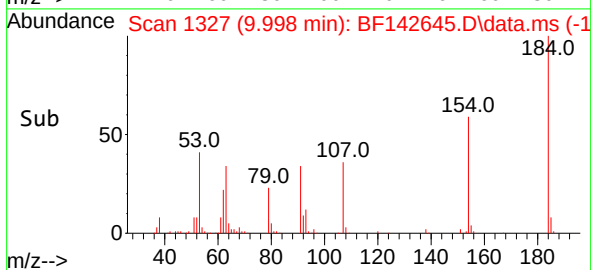
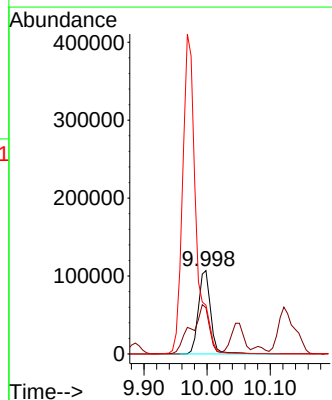
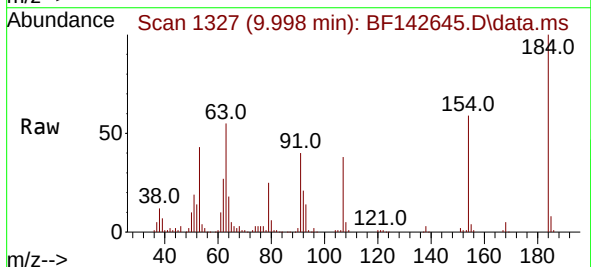
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

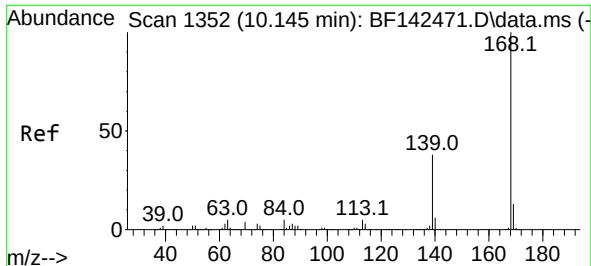
Tgt Ion:138 Resp: 102466
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 104.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 86.246 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:184 Resp: 144429
Ion Ratio Lower Upper
184 100
63 55.4 46.3 69.5
154 58.5 56.8 85.2

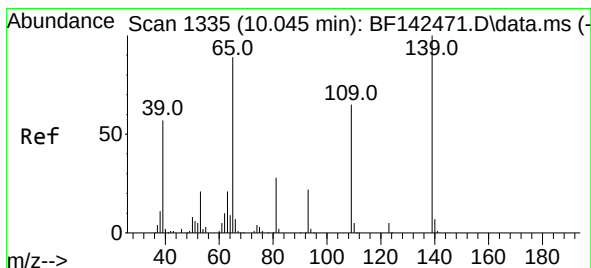
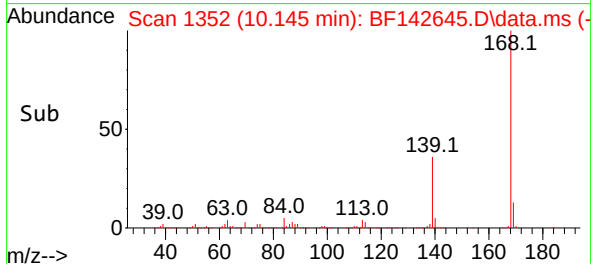
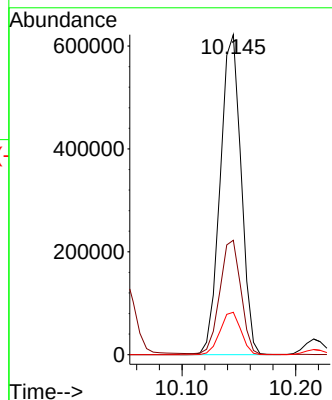
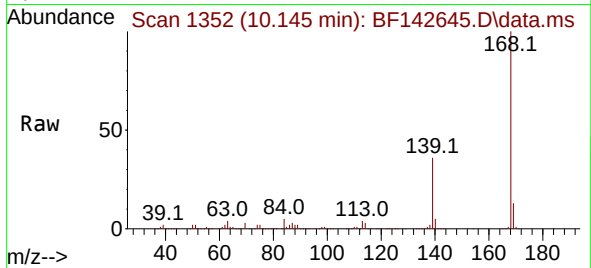




#55
Dibenzofuran
Concen: 41.053 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

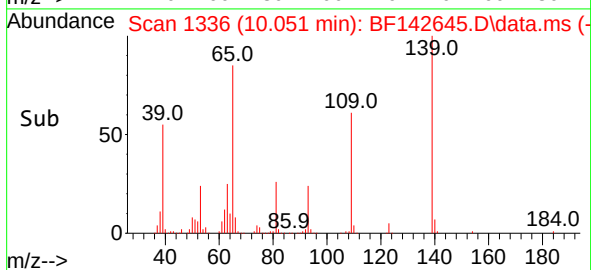
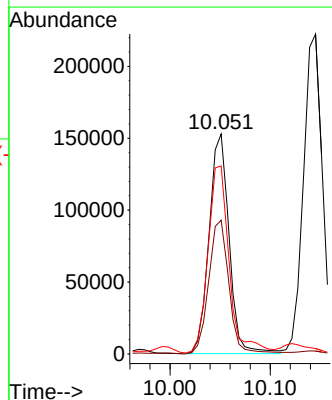
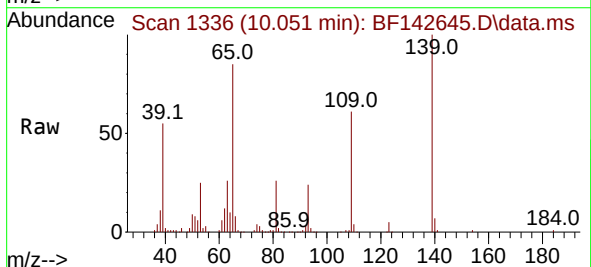
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

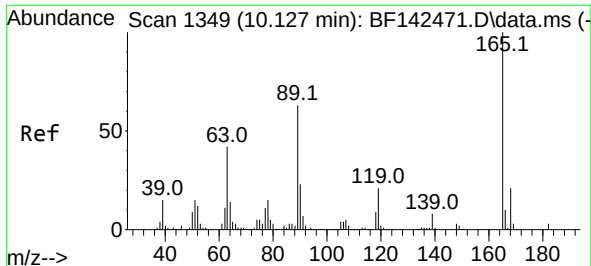
Tgt Ion:168 Resp: 794689
Ion Ratio Lower Upper
168 100
139 35.8 30.2 45.2
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 81.042 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:139 Resp: 211702
Ion Ratio Lower Upper
139 100
109 60.8 45.1 85.1
65 85.4 69.7 109.7

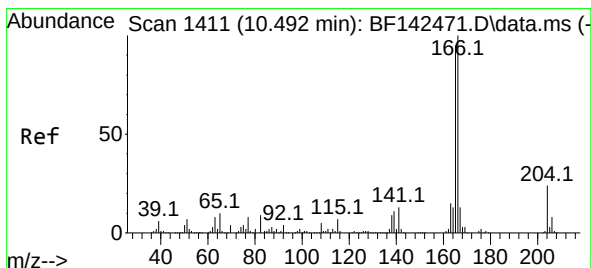
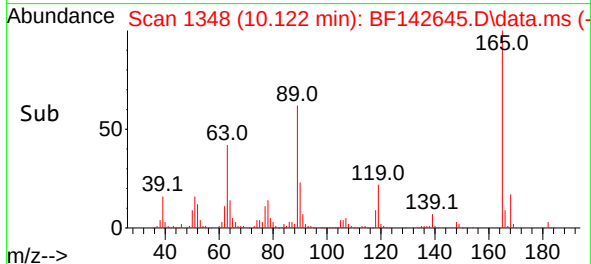
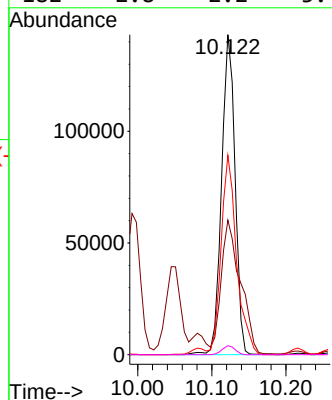
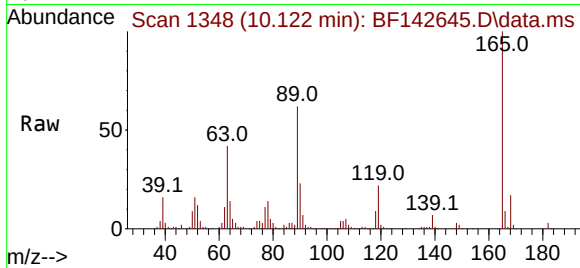




#57
2,4-Dinitrotoluene
Concen: 42.770 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

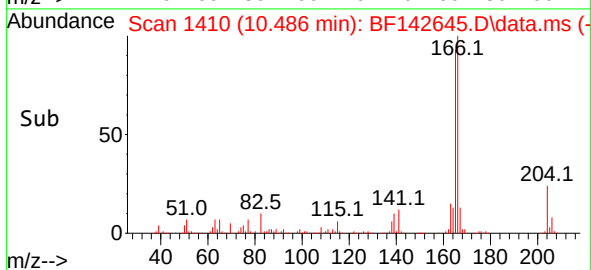
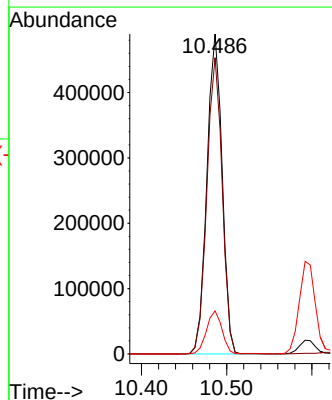
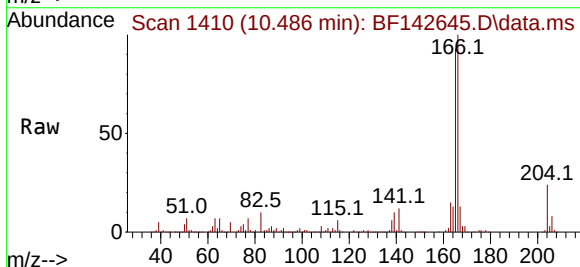
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

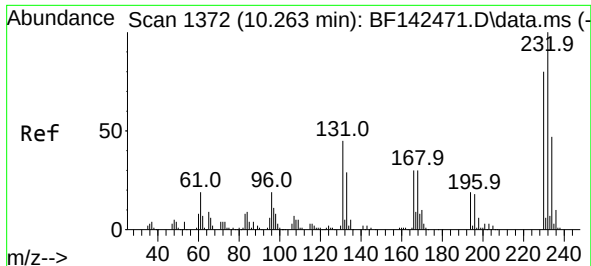
Tgt Ion:165 Resp: 181053
Ion Ratio Lower Upper
165 100
63 42.1 33.6 50.4
89 62.3 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.653 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:166 Resp: 607951
Ion Ratio Lower Upper
166 100
165 92.6 75.8 113.8
167 13.5 10.6 16.0

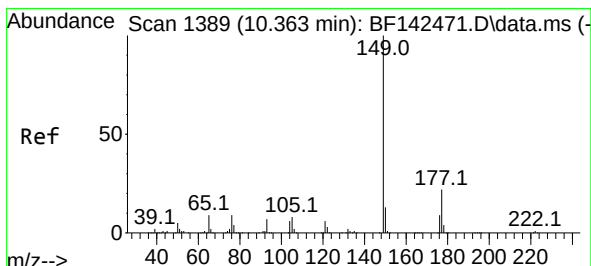
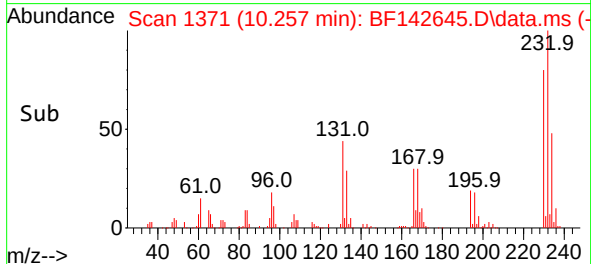
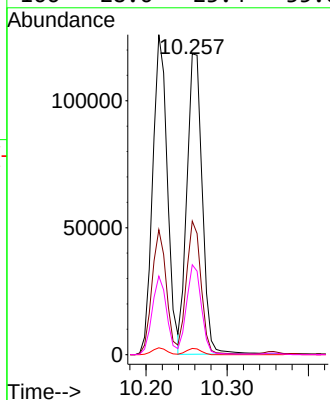
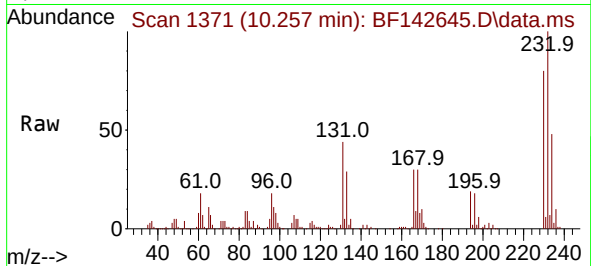




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.008 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

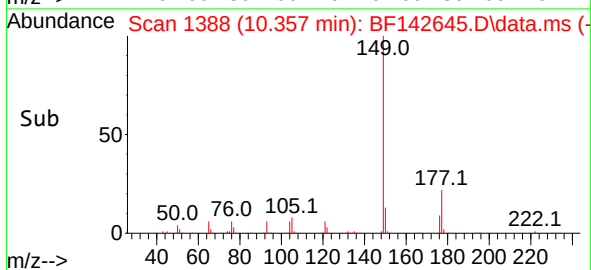
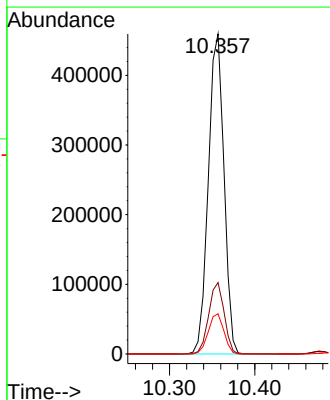
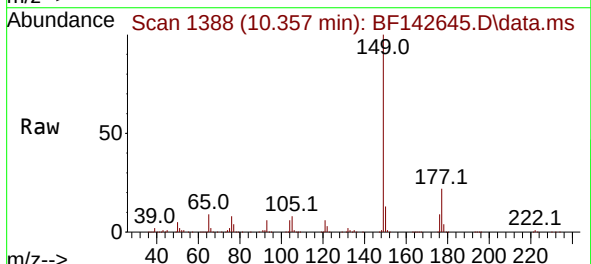
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

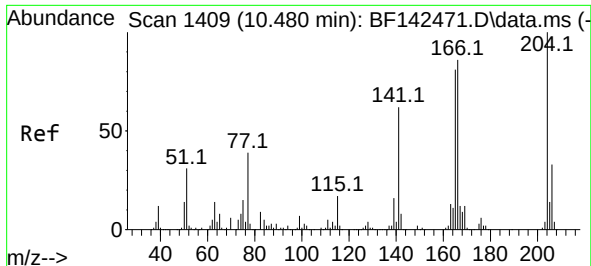
Tgt Ion:232 Resp: 155189
Ion Ratio Lower Upper
232 100
131 42.5 35.2 52.8
130 2.0 1.7 2.5
166 28.6 23.4 35.0



#60
Diethylphthalate
Concen: 39.928 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:149 Resp: 585645
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.1 15.1

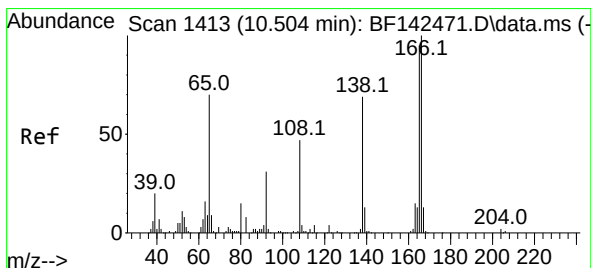
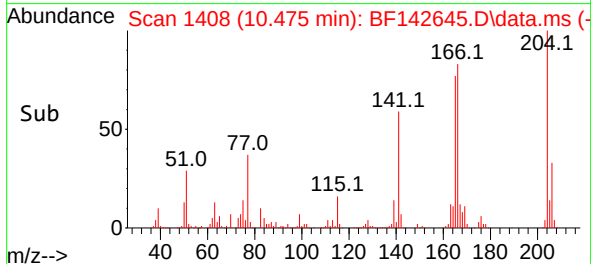
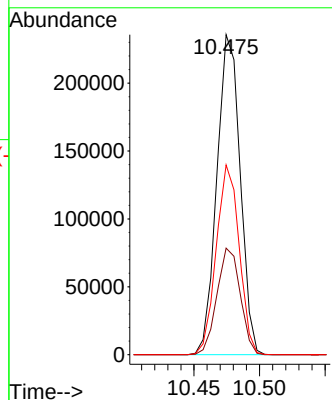
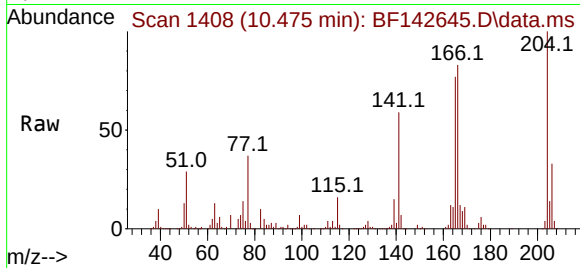




#61
4-Chlorophenyl-phenylether
Concen: 39.561 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

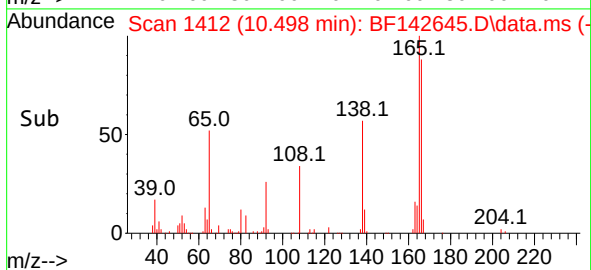
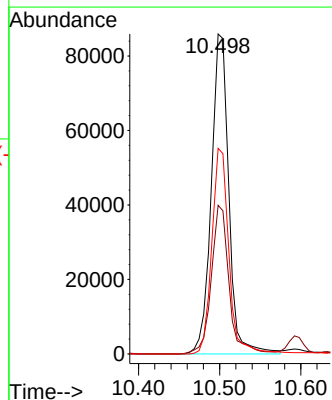
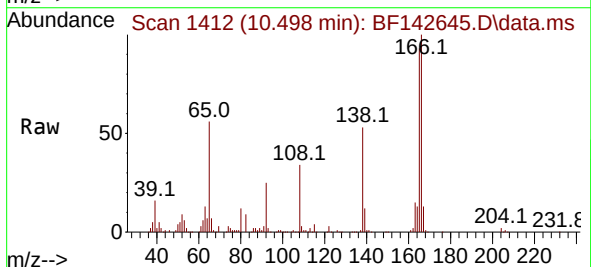
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

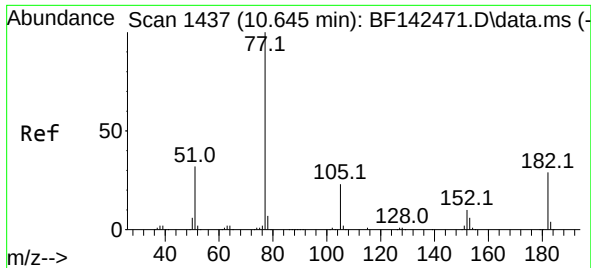
Tgt Ion:204 Resp: 290633
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 59.3 49.5 74.3



#62
4-Nitroaniline
Concen: 40.161 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:138 Resp: 128953
Ion Ratio Lower Upper
138 100
92 46.5 26.0 66.0
108 64.2 48.4 88.4

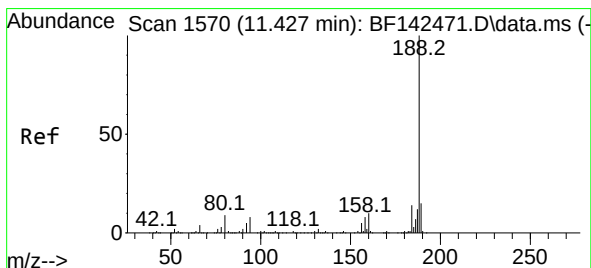
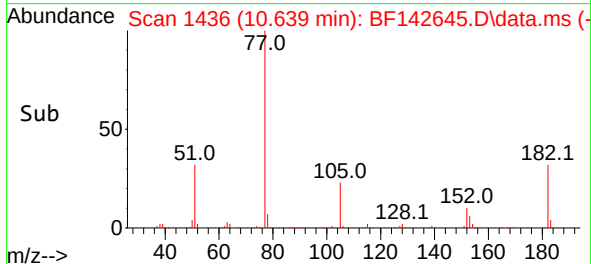
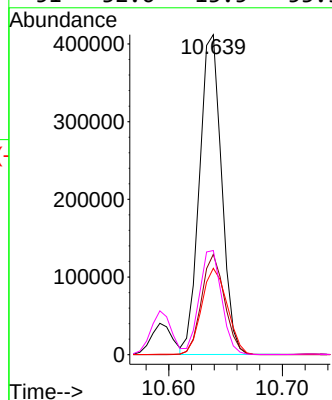
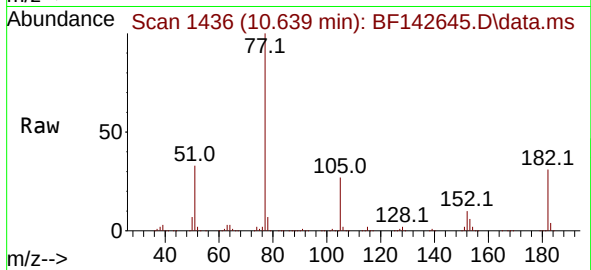




#63
Azobenzene
Concen: 42.303 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

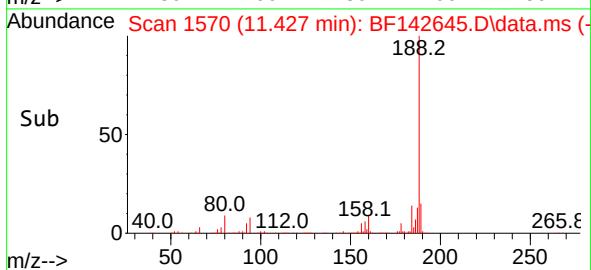
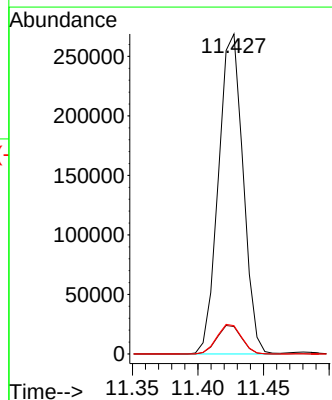
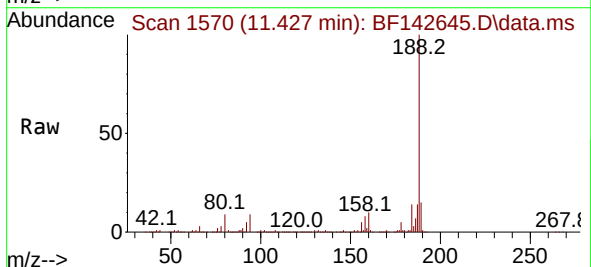
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

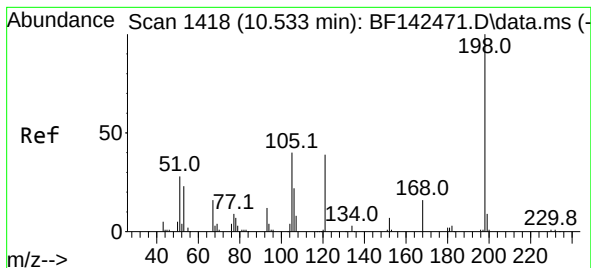
Tgt Ion: 77	Resp: 557300
Ion Ratio	Lower Upper
77 100	
182 31.4	9.0 49.0
105 27.0	2.4 42.4
51 32.6	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:188	Resp: 350996		
Ion Ratio	Lower	Upper	
188 100			
94 8.6	6.6	10.0	
80 8.8	7.4	11.0	

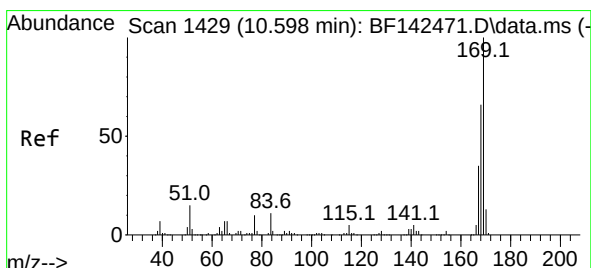
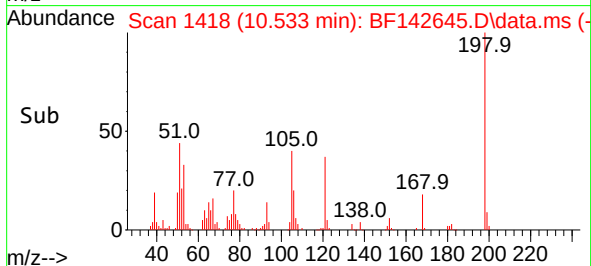
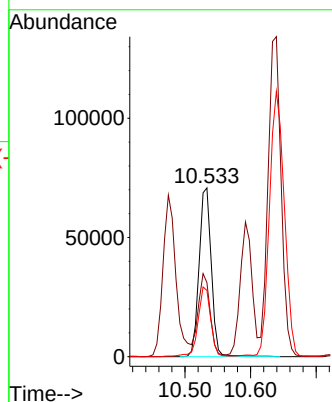
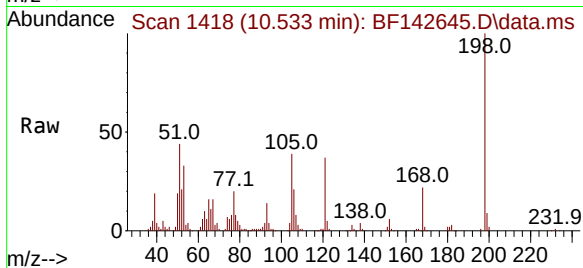




#65
4,6-Dinitro-2-methylphenol
Concen: 46.908 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

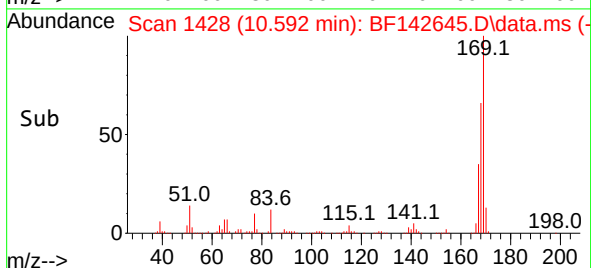
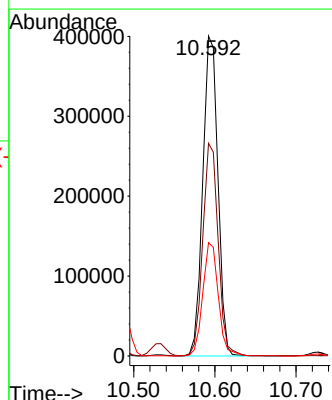
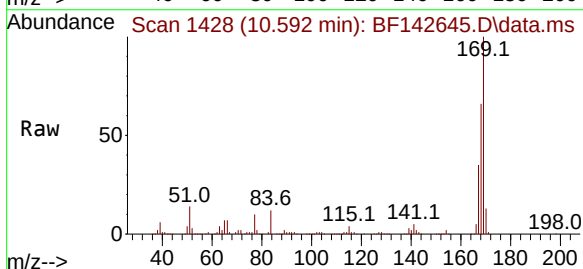
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

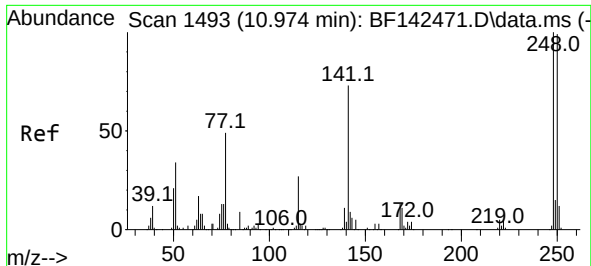
Tgt Ion:198 Resp: 91885
Ion Ratio Lower Upper
198 100
51 43.9 28.3 68.3
105 39.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.118 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:169 Resp: 517778
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.4 28.3 42.5





#67

4-Bromophenyl-phenylether

Concen: 42.681 ng

RT: 10.969 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

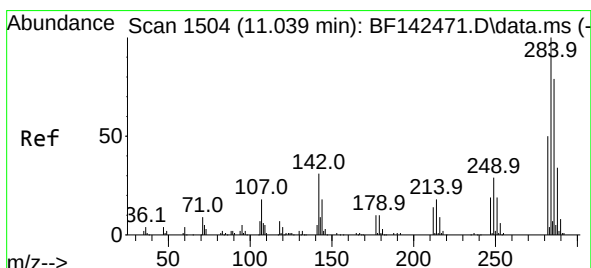
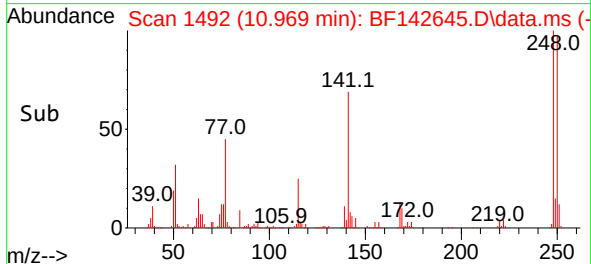
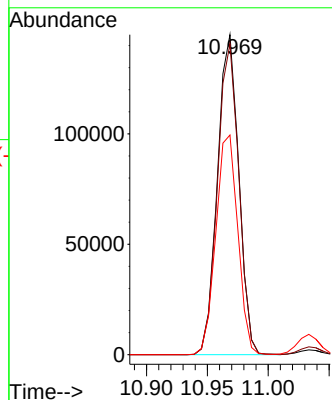
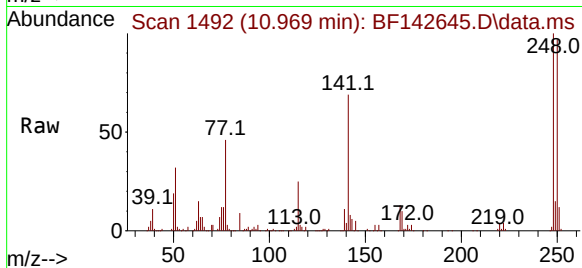
Tgt Ion:248 Resp: 177137

Ion Ratio Lower Upper

248 100

250 97.1 79.0 118.4

141 68.6 58.4 87.6



#68

Hexachlorobenzene

Concen: 42.680 ng

RT: 11.033 min Scan# 1503

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

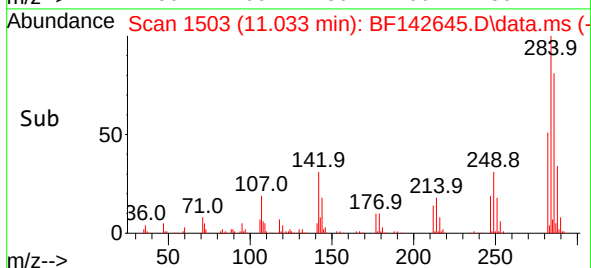
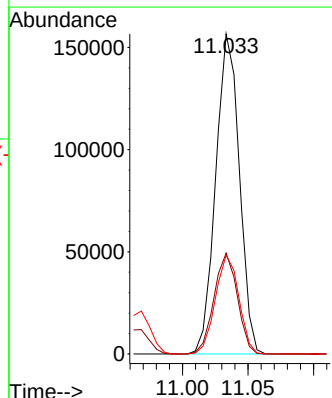
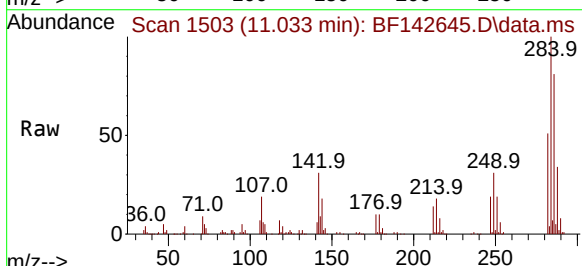
Tgt Ion:284 Resp: 195915

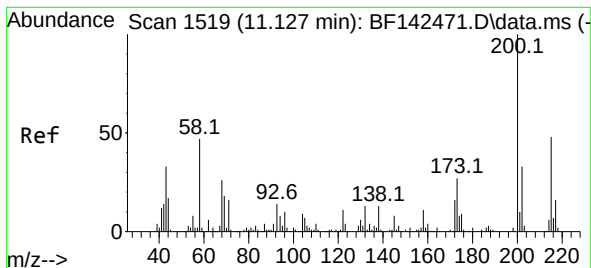
Ion Ratio Lower Upper

284 100

142 31.5 24.8 37.2

249 30.9 23.6 35.4





#69

Atrazine

Concen: 47.945 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

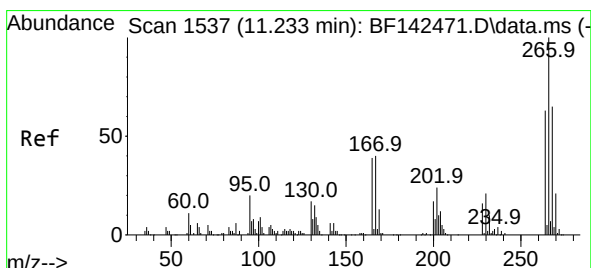
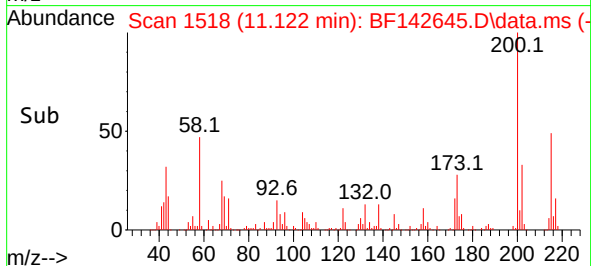
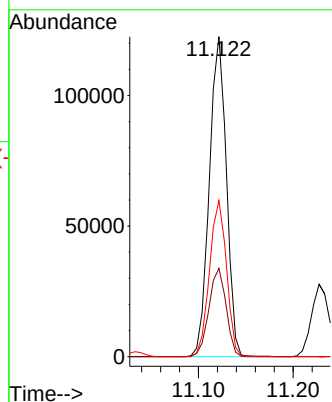
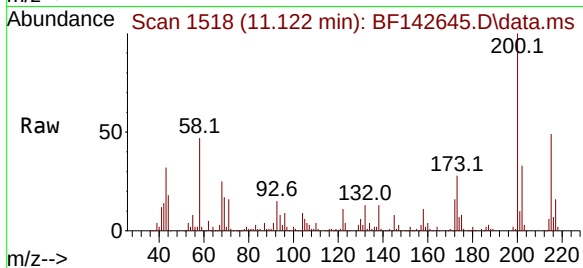
Tgt Ion:200 Resp: 152901

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 79.755 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

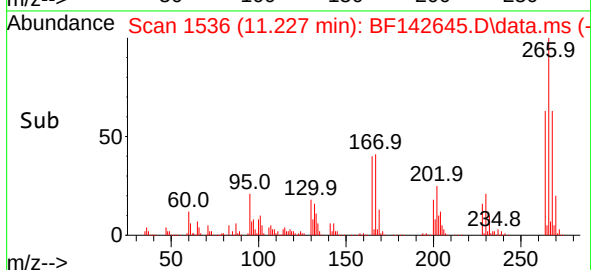
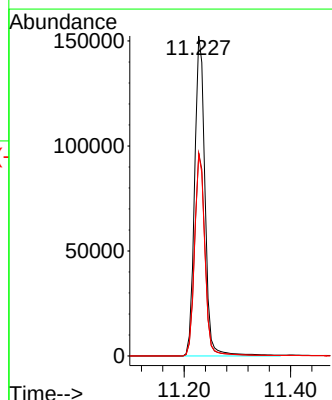
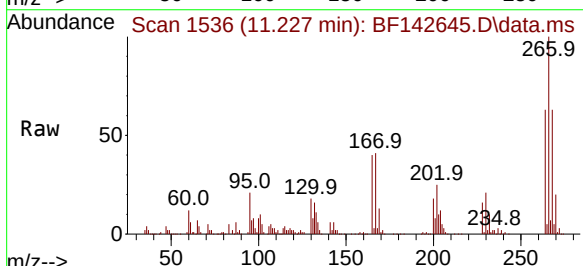
Tgt Ion:266 Resp: 206695

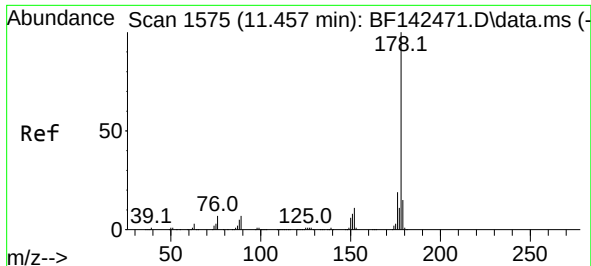
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 63.1 50.4 75.6

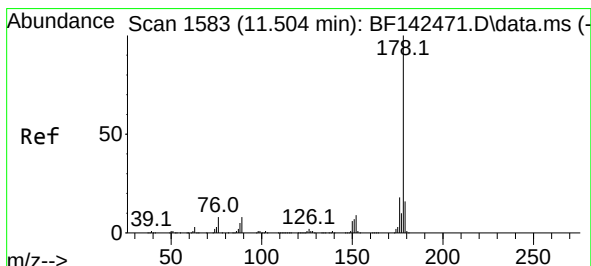
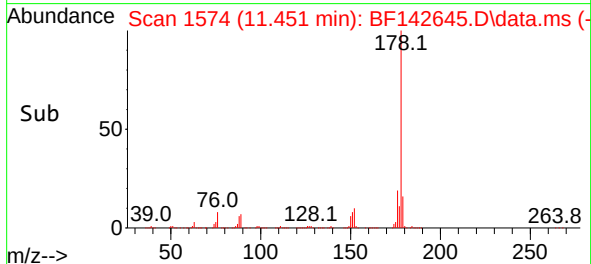
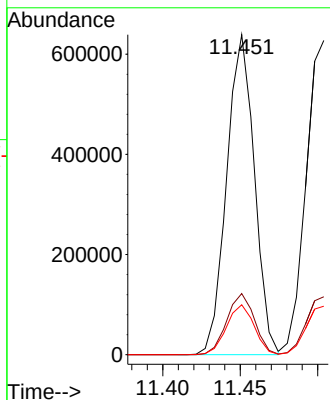
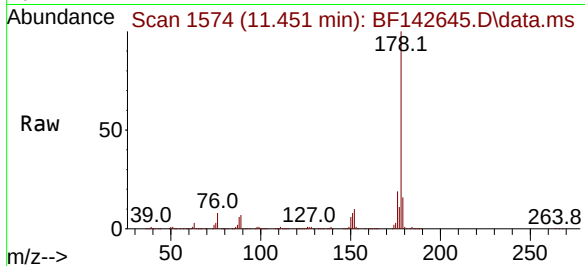




#71
Phenanthrene
Concen: 42.378 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

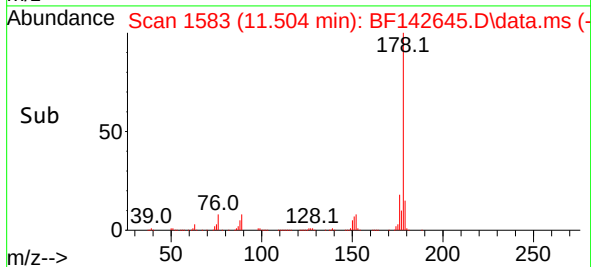
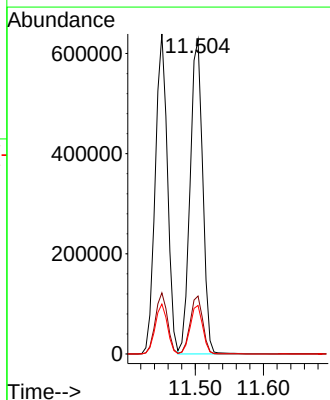
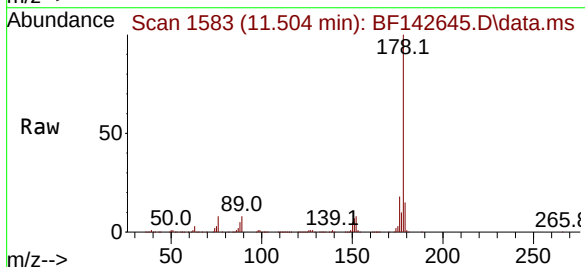
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

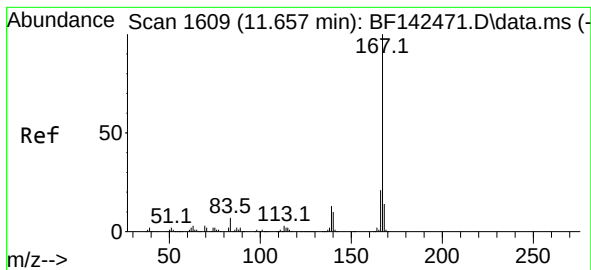
Tgt Ion:178 Resp: 794920
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 42.001 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:178 Resp: 804063
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 42.681 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

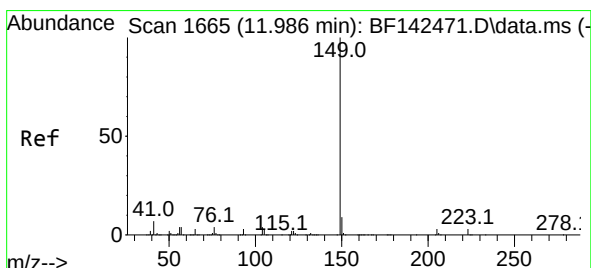
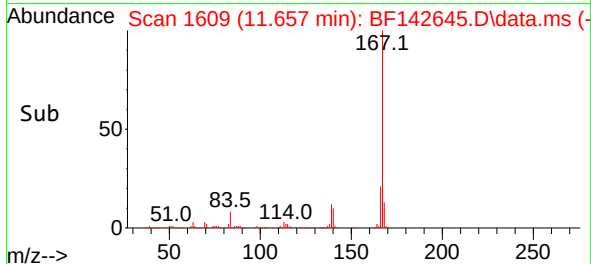
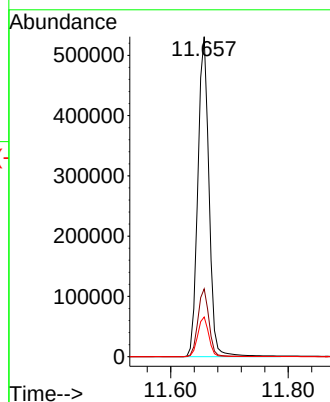
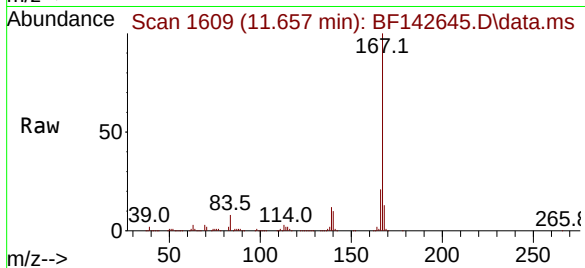
Tgt Ion:167 Resp: 698526

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.4 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.250 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

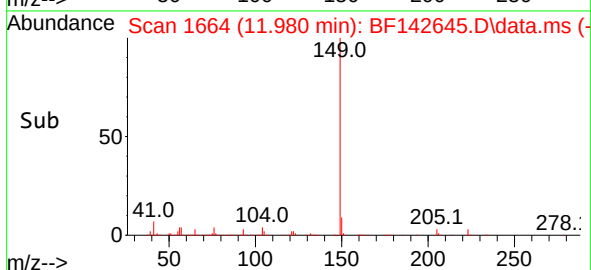
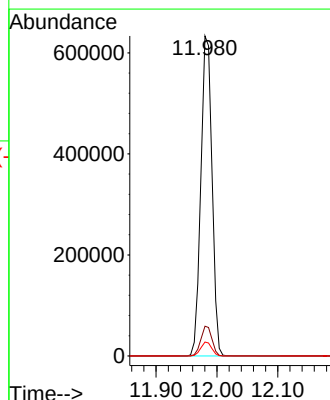
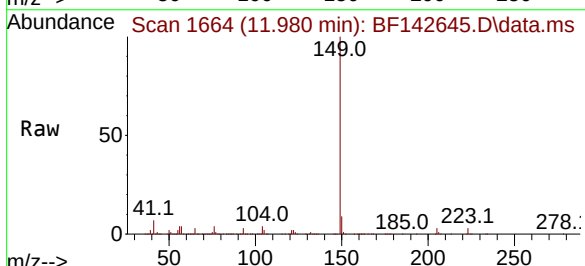
Tgt Ion:149 Resp: 810622

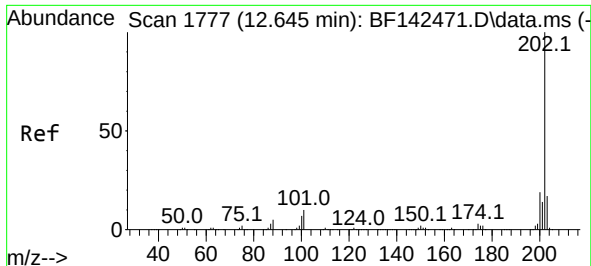
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.3 3.6 5.4

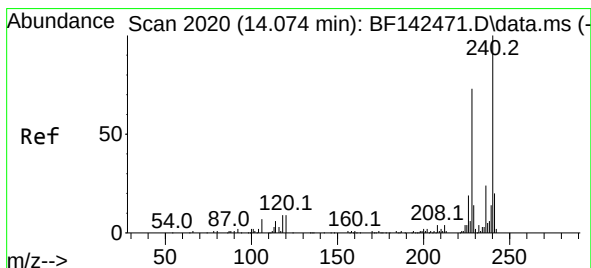
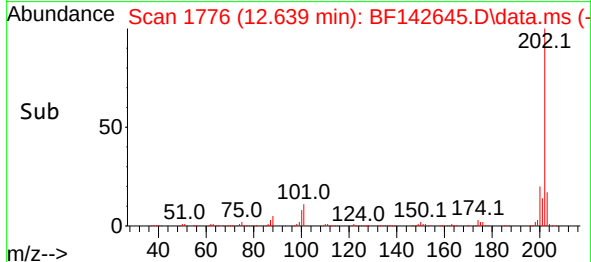
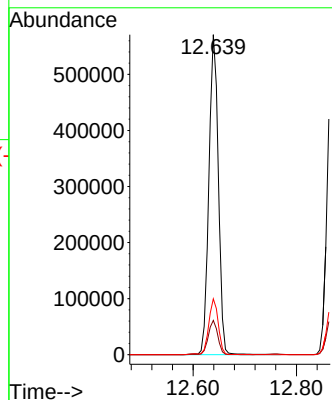
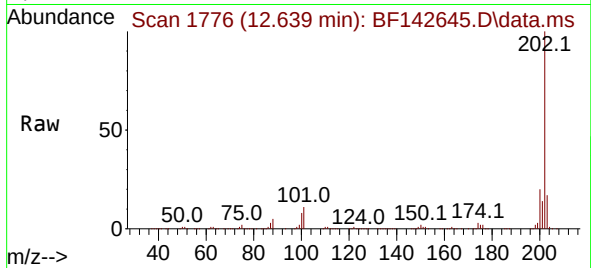




#75
Fluoranthene
Concen: 41.361 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

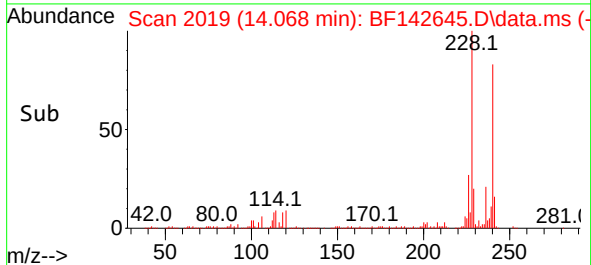
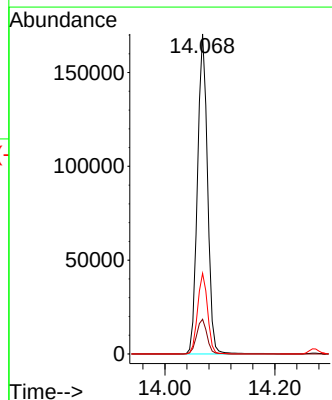
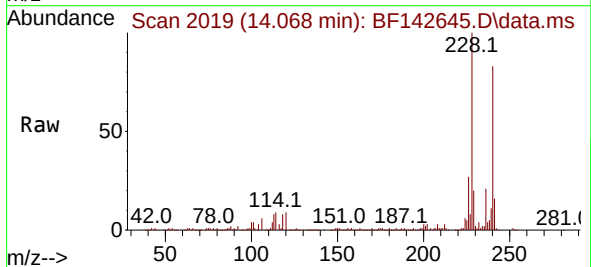
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

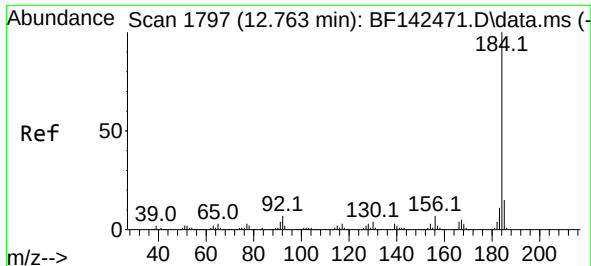
Tgt Ion:202 Resp: 724954
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:240 Resp: 216229
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.2 19.6 29.4

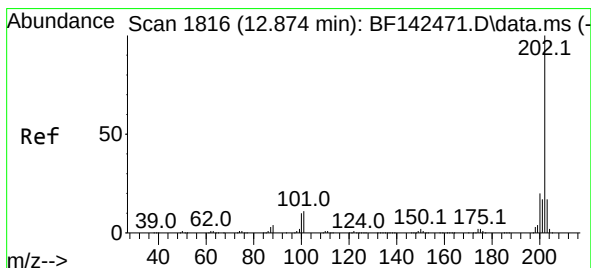
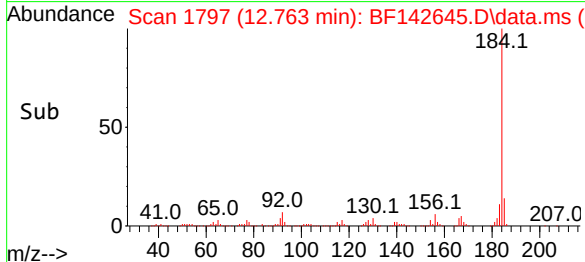
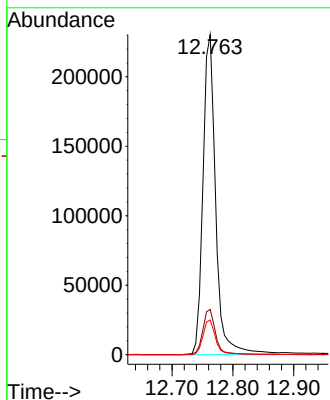
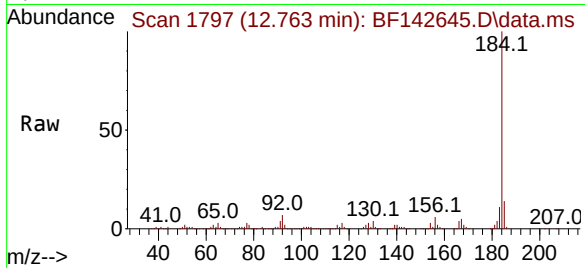




#77
Benzidine
Concen: 41.729 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

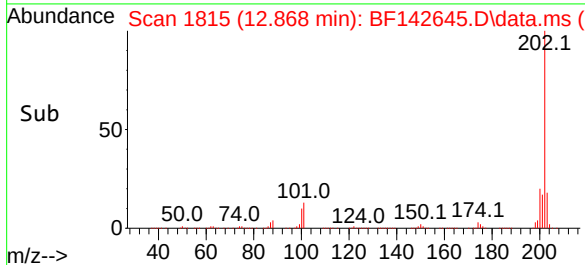
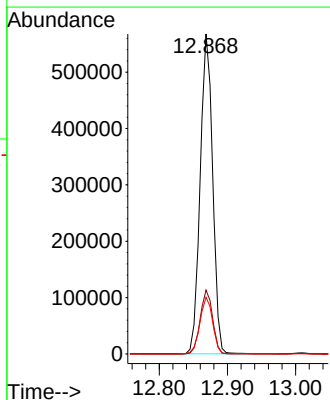
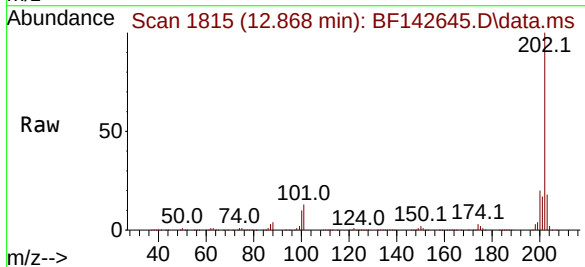
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

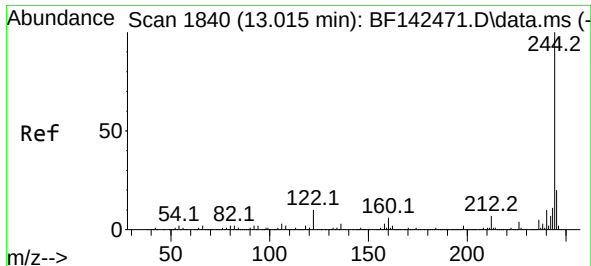
Tgt Ion:184 Resp: 335776
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 35.761 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142645.D
Acq: 06 Jun 2025 14:25

Tgt Ion:202 Resp: 721346
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.7 13.9 20.9

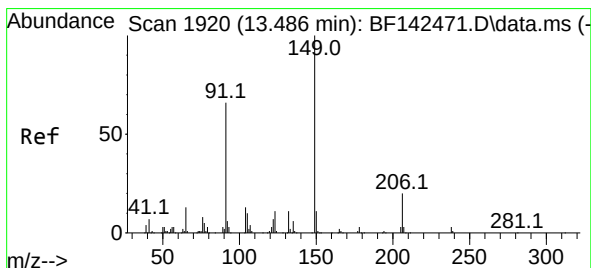
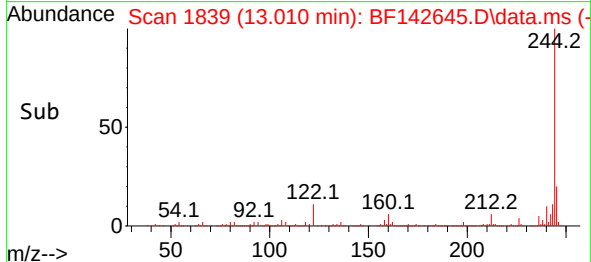
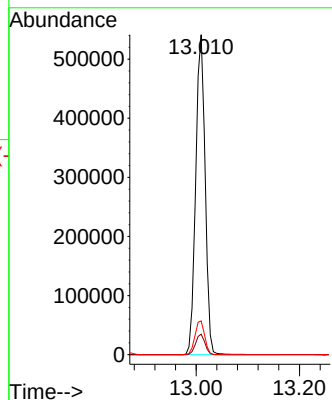
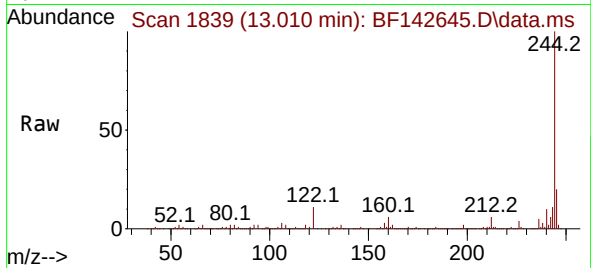




#79
 Terphenyl-d14
 Concen: 43.352 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

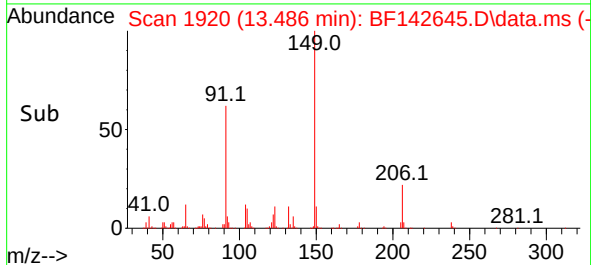
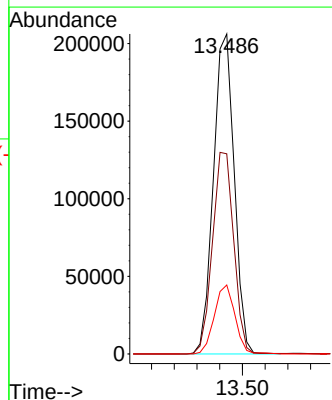
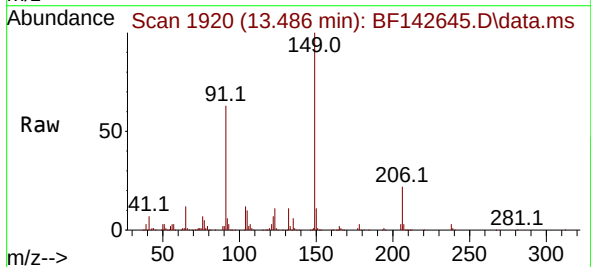
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MSD

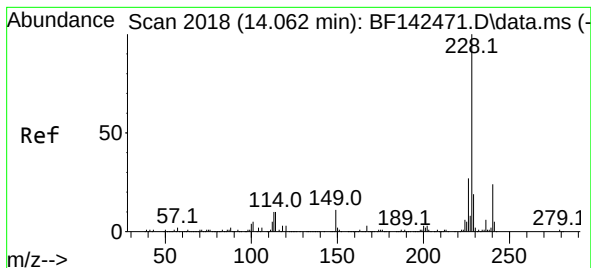
Tgt Ion:244 Resp: 685957
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.139 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142645.D
 Acq: 06 Jun 2025 14:25

Tgt Ion:149 Resp: 262736
 Ion Ratio Lower Upper
 149 100
 91 62.6 52.9 79.3
 206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.064 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

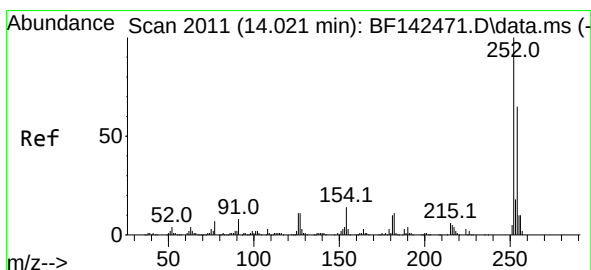
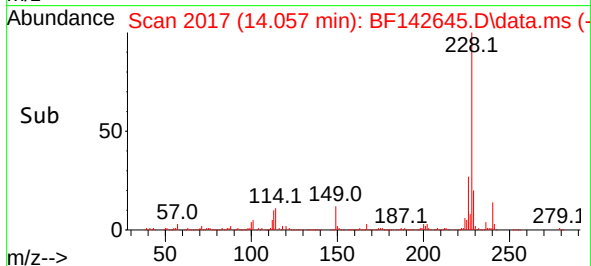
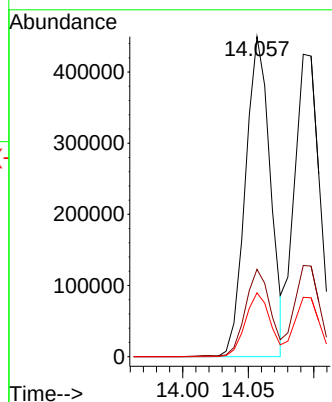
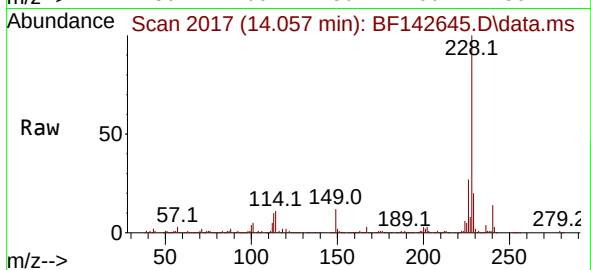
Tgt Ion:228 Resp: 592912

Ion Ratio Lower Upper

228 100

226 27.3 21.2 31.8

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 28.104 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

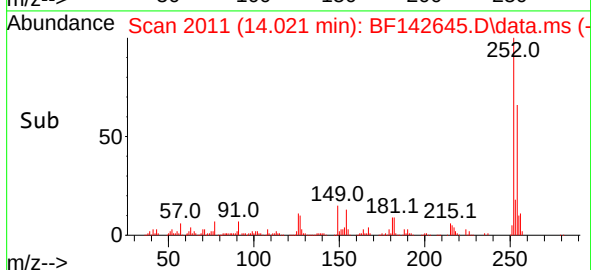
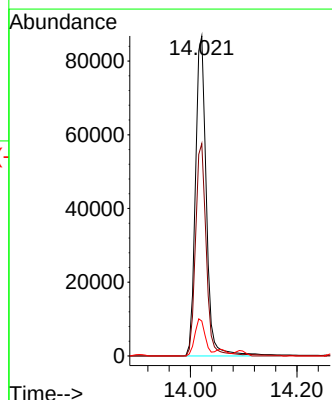
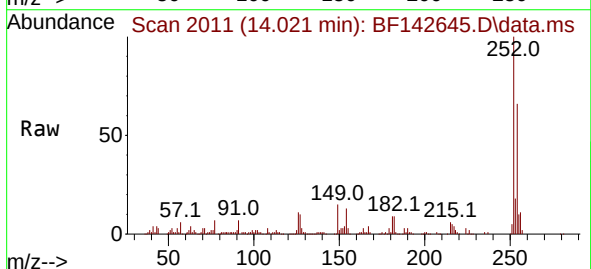
Tgt Ion:252 Resp: 123078

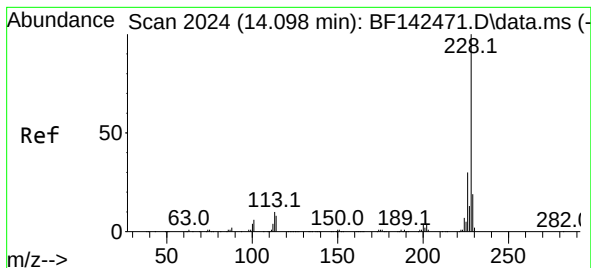
Ion Ratio Lower Upper

252 100

254 66.3 52.0 78.0

126 10.9 8.9 13.3





#83

Chrysene

Concen: 43.874 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

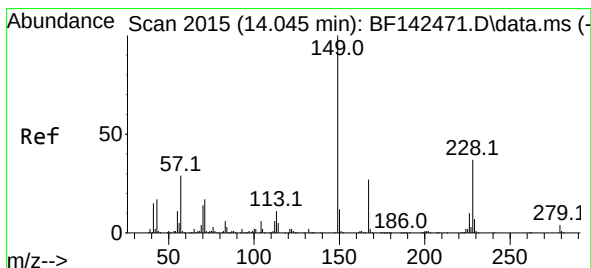
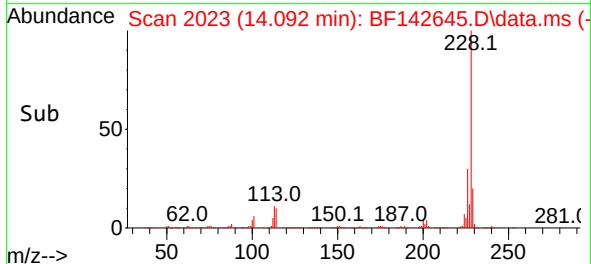
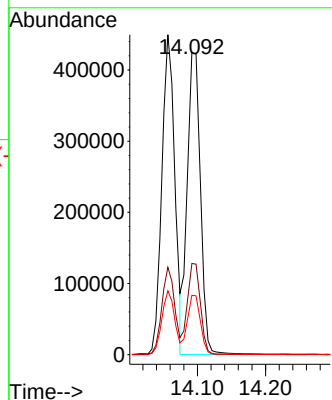
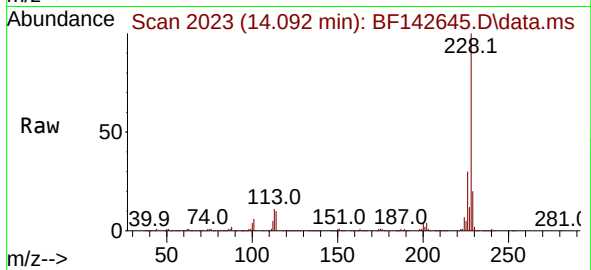
Tgt Ion:228 Resp: 569225

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.736 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

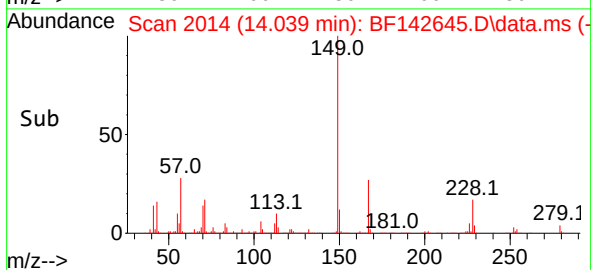
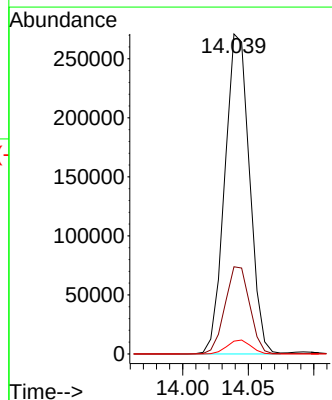
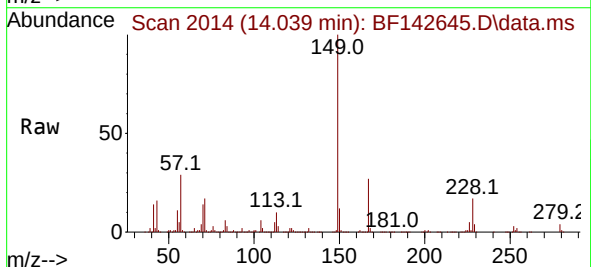
Tgt Ion:149 Resp: 354868

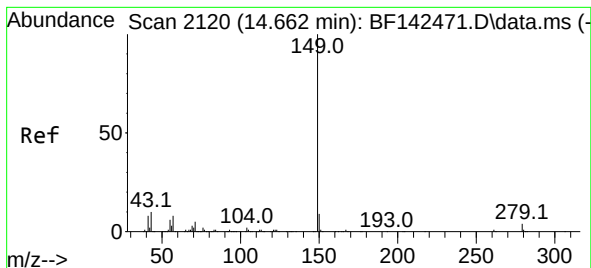
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.194 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

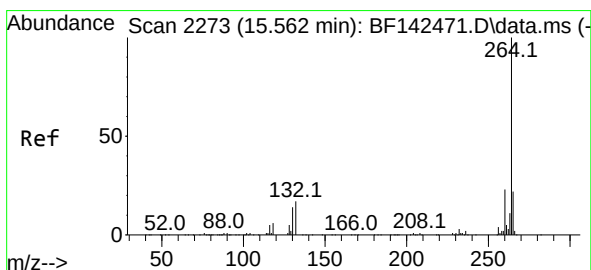
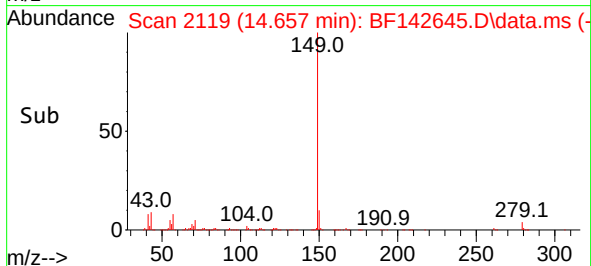
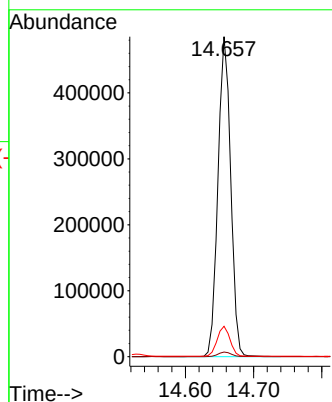
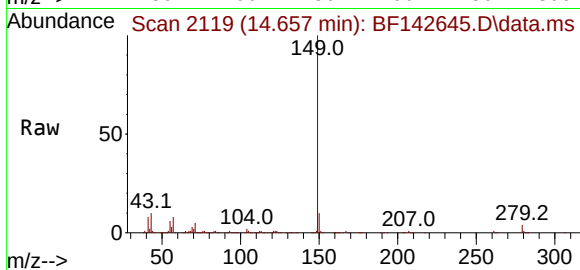
Tgt Ion:149 Resp: 630510

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: BF142645.D

Acq: 06 Jun 2025 14:25

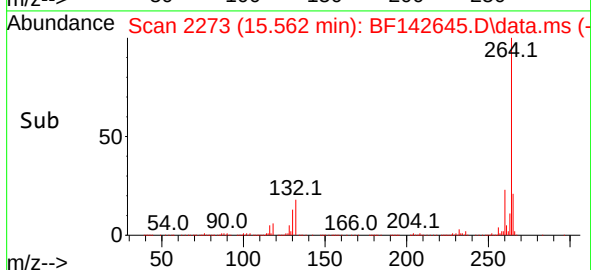
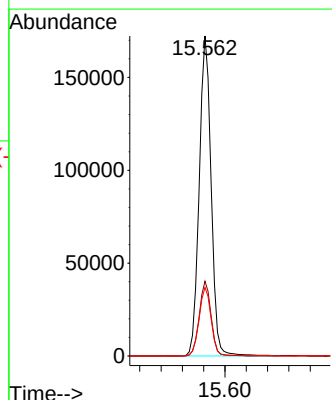
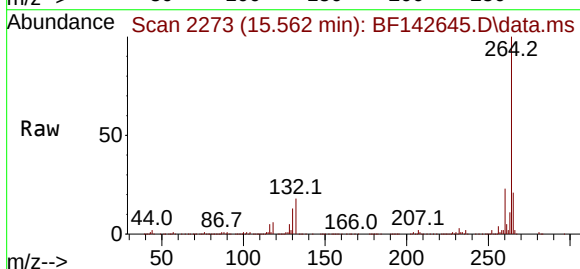
Tgt Ion:264 Resp: 267697

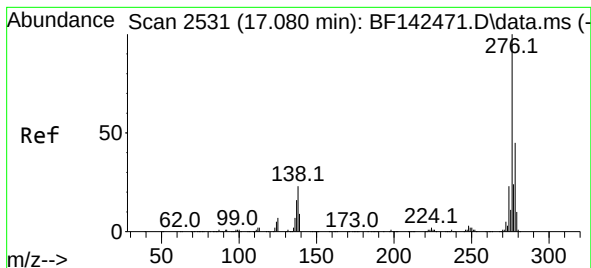
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.092 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

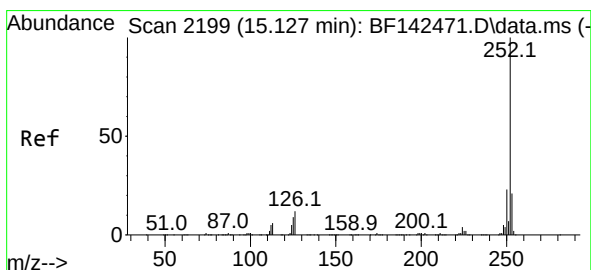
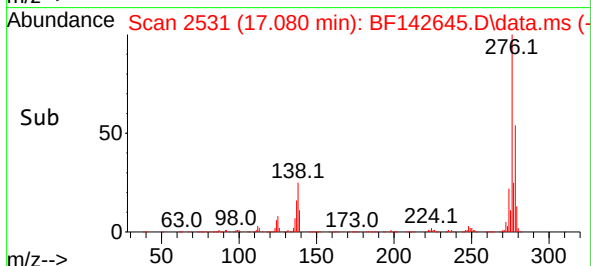
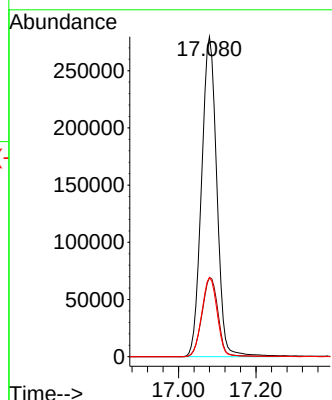
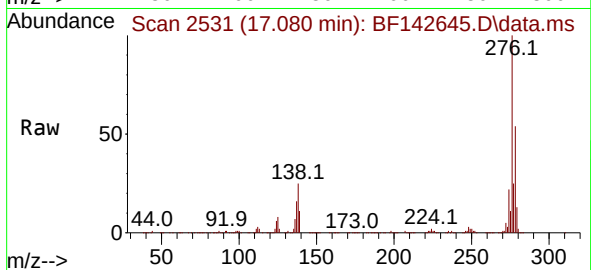
Tgt Ion:276 Resp: 765527

Ion Ratio Lower Upper

276 100

138 25.9 19.9 29.9

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.186 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

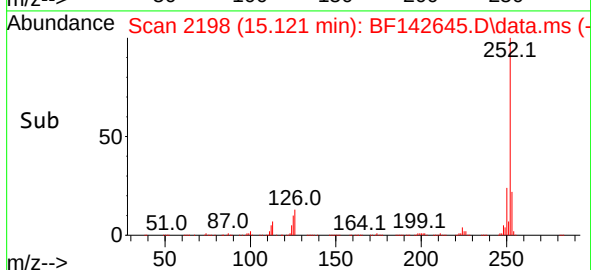
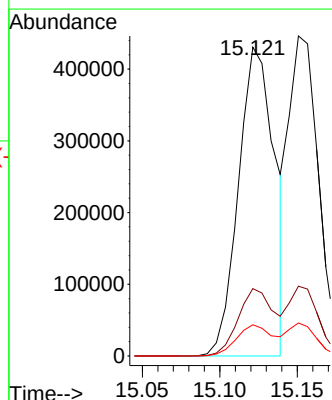
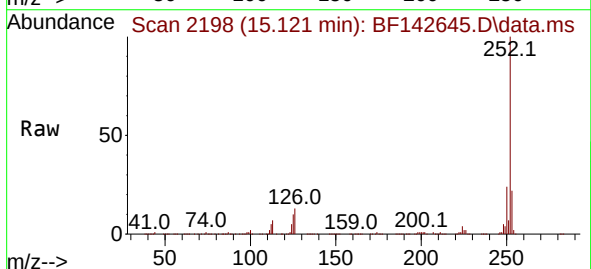
Tgt Ion:252 Resp: 700056

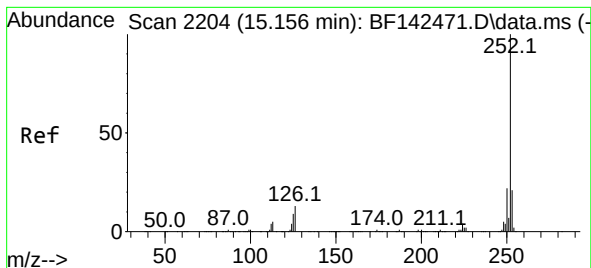
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.538 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

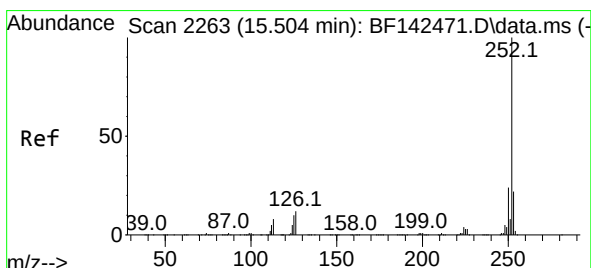
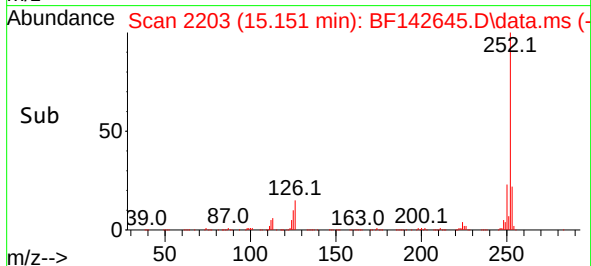
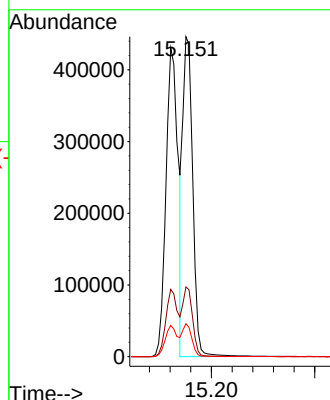
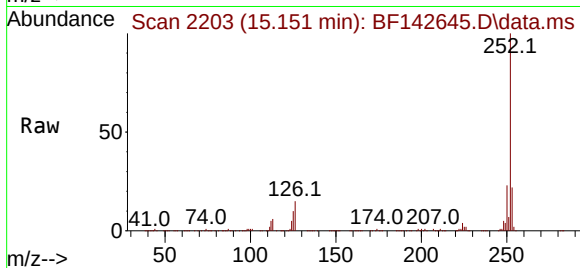
Tgt Ion:252 Resp: 601557

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 10.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.043 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

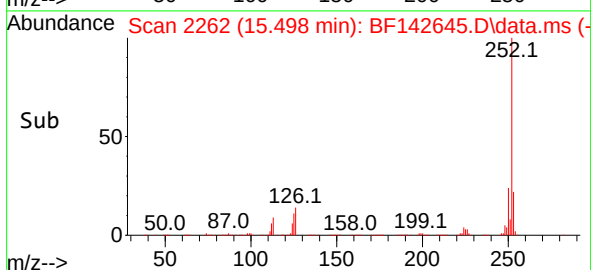
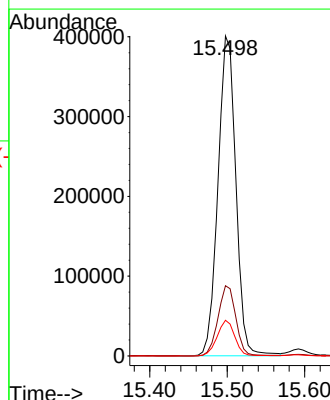
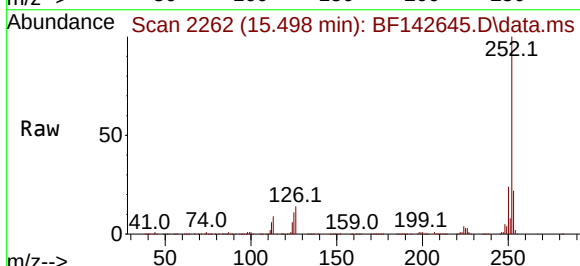
Tgt Ion:252 Resp: 642804

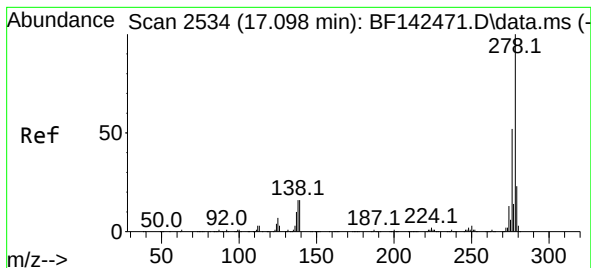
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.1 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 37.808 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MSD

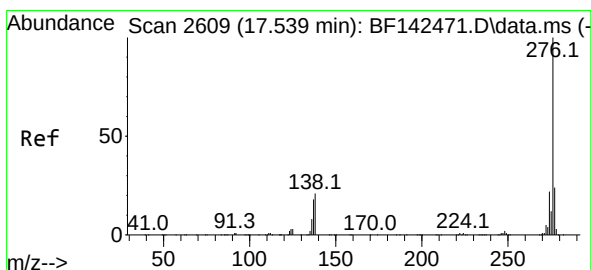
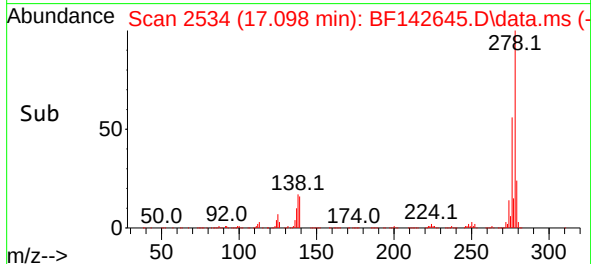
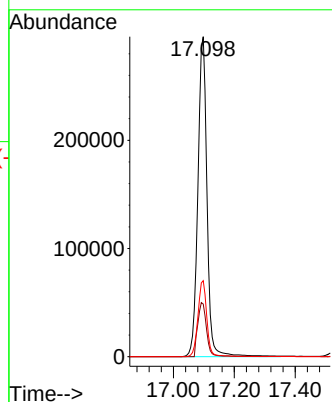
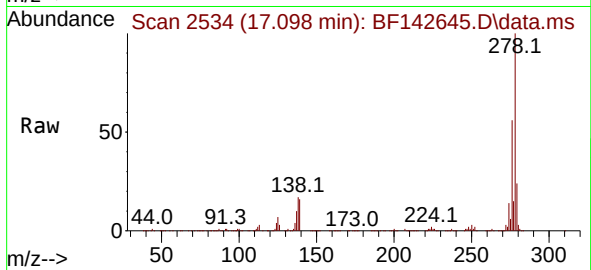
Tgt Ion:278 Resp: 616252

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

279 23.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 36.667 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF142645.D

Acq: 06 Jun 2025 14:25

Tgt Ion:276 Resp: 597788

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 22.8 16.8 25.2

